CONDOR

WELCOME THE CHALLENGES

GENERAL CATALOGUE

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Vision

Money alone is not enough to provide the fuel needed to make the journey towards the future. The passion and mental energy of all those who share this journey is also vital.

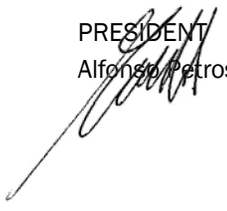
Being the first to reach the future is a matter of initiative, not only of resources. This initiative is rooted in a deep awareness of the final goal. It springs from a widely shared dream, from an idea that is greatly attractive in terms of tomorrow's prospects.

The strategic intention behind our operation is something more than a simple rallying cry. Our intention is a dream beginning with the idea of a family and ending up with each and every individual component.

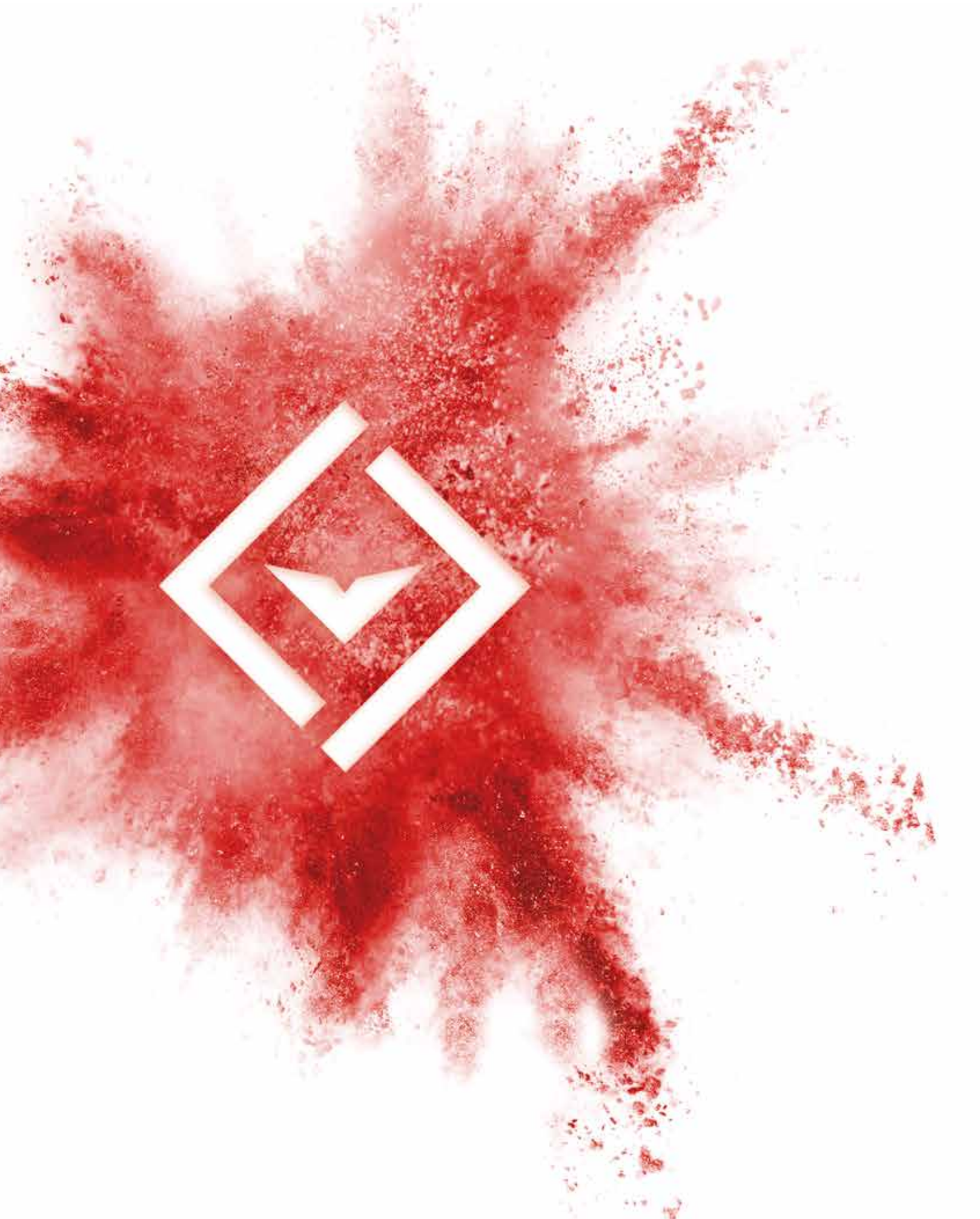
We set out to explore new competitive territories with the aim of creating excellent products and services, staying in close contact with our customers and assuring safety.

Those who accomplish all of this are highly skilled. And, naturally, they become leaders.

This is our destiny.



PRESIDENT
Alfonso Petrosino



History

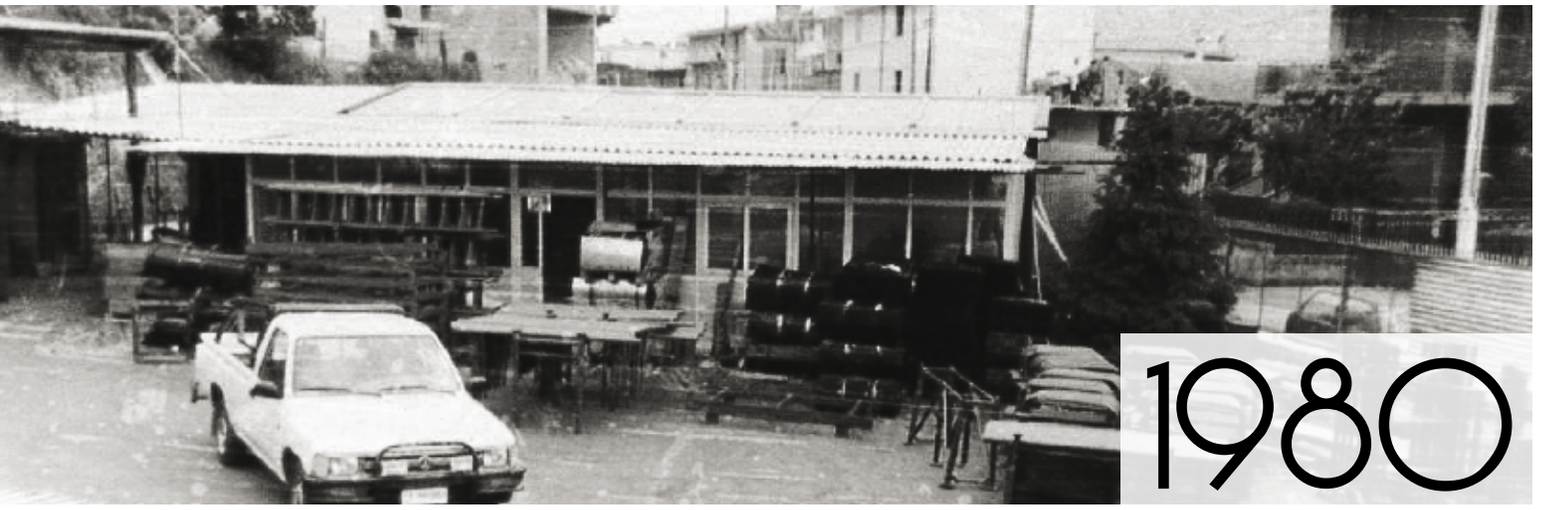
CONDOR is an individual's dream achieved and turned into a dream of many. It is the dream of the Petrosino family, led by their ancestor, who had turned the business from constructors to industrialists over thirty years back. Thus, they provide their partners not only with high quality products and services, but also with a know-how arising from direct field experience.

CONDOR estabilished in 1981 as a scaffolding factory and over its history it extended its range of products and expanded in the domestic market first and then on an international ground, providing its partners with the best products and services for the construction industry, along with services and solutions designed for improving the management of the construction site.

Years passing by, it implemented the mere design and production of scaffolding with the design and production of wall and slab formwork, shoring structures, trench shoring systems for safety excavations and events facilities.

Several acquisitions made over the end of the 90s and the beginning of the new millennium guaranteed the creation of a ground-breaking structure, with a more than 100.000 square meters extended production surface and a widespread network of subsidiaries and associated partners in Italy and in the world.

Its inner perspective on the construction industry, guaranteed by its founder's experience and professional history, together with the second generation's and the business managers' care for internationalization, training internal resources through their valorization, and communication, allowed CONDOR to stand out in the international scene of the construction industry, thus occupying a key role in emerging markets.


1980


1990


NOW

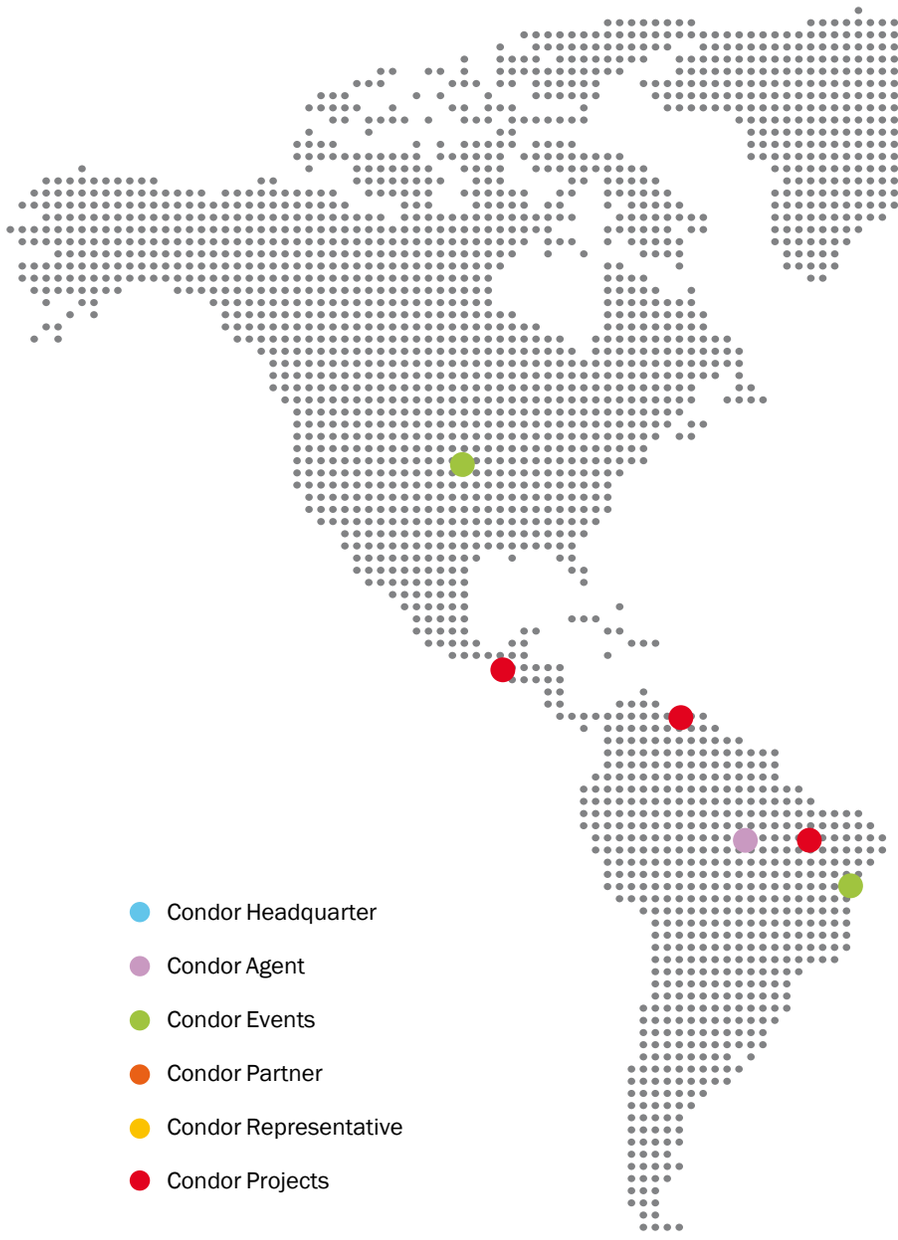
A look to the future

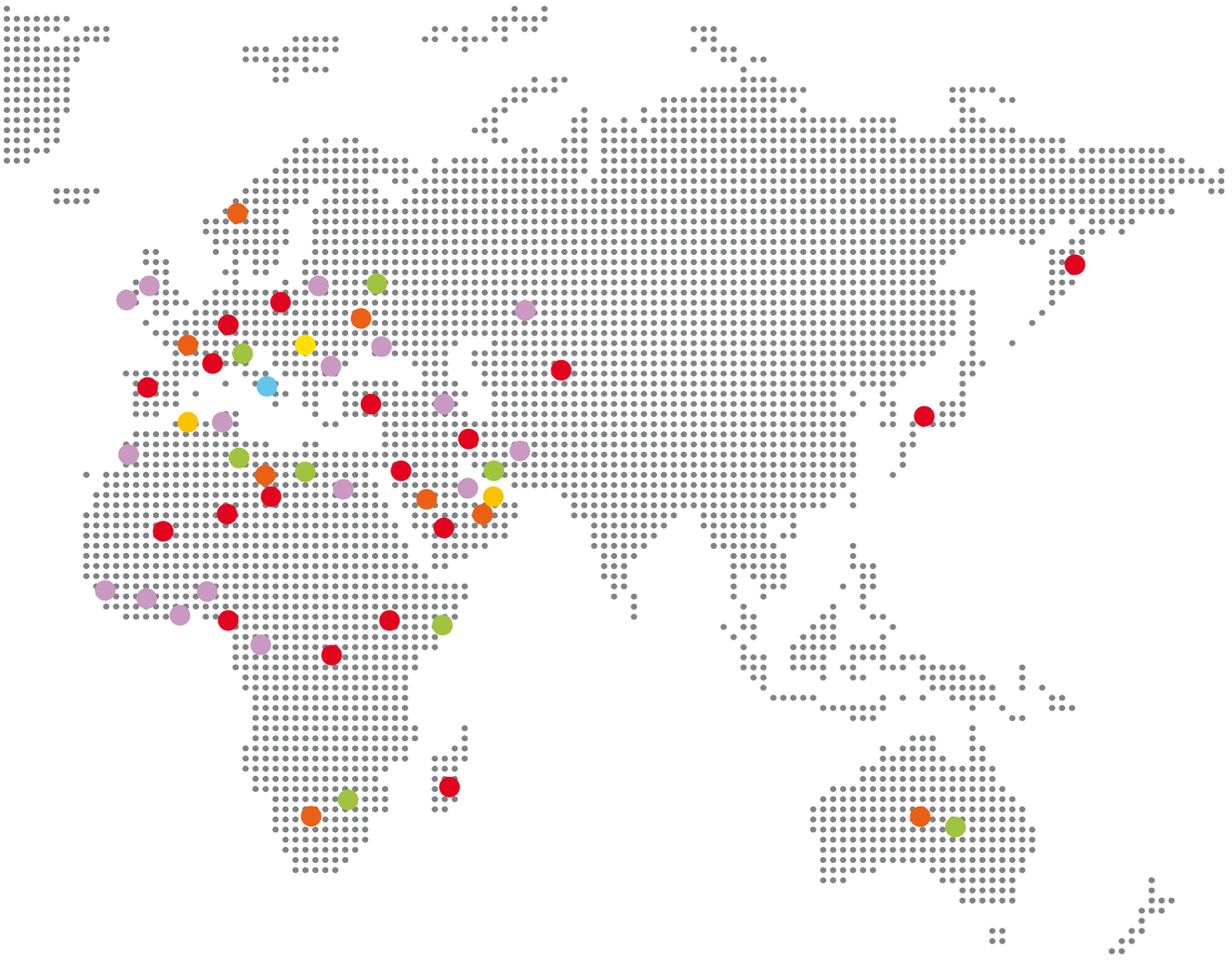
With a strong vocation for internationalization, in 2006 CONDOR started accessing new European markets by acquiring ALTIMAT, a 20 years old French service company, and subsequently launching the French subsidiary CONDOR FRANCE.

In August 2008, CONDOR entered the Balkans, by acquiring the majority stake of the Bosnian import-export company ITALIMPEX, selling products and materials for the construction industry and in 2009 it launched its subsidiary in Belgrade. In 2012 the offices in Algeri were opened, followed by Dubai.

Currently ranking among the top leaders in domestic and international markets, CONDOR also operates in Africa and in the Middle East, as well as in Europe.

Its primary goal is the consolidation of its presence in geographical areas where the company is significantly developing especially in Africa and in the Middle East– Italy won't be put aside though. In the near future, it is going to enter India, Southern America and Australia, thanks to important commercial agreements signed with influential local operators.



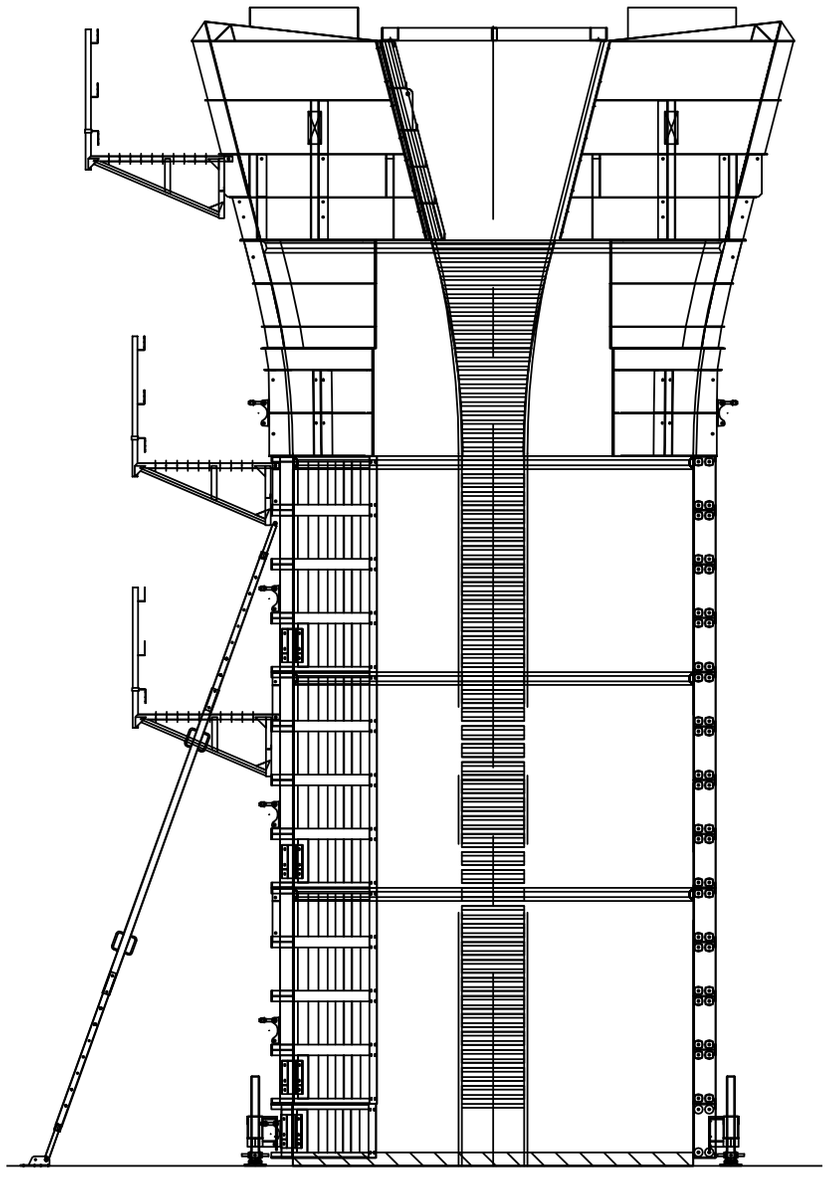


Services

Over the years, the aim of achieving an outstanding quality of products has matched with the will of increasing the services offered. Indeed, what makes CONDOR different from its competitors is that it focuses its attention on its clients' needs, thus ensuring performance, compliance, durability, as well as continuity in design counsulting and assistance on the construction site.

Over the time, customer centrality has been translated as the development of the following services offered:

- technical support in the preparation of tenders;
- assembly of formwork in compliance with customer's specific requirements;
- support on the construction site;
- technical training for the staff (individual, groups, seminars, etc.);
- 3D design and execution drawings;
- planning of work-cycles;
- structural calculation reports;
- AUTOCAD based software for designing formwork and scaffolding;
- complete library in BIM language;

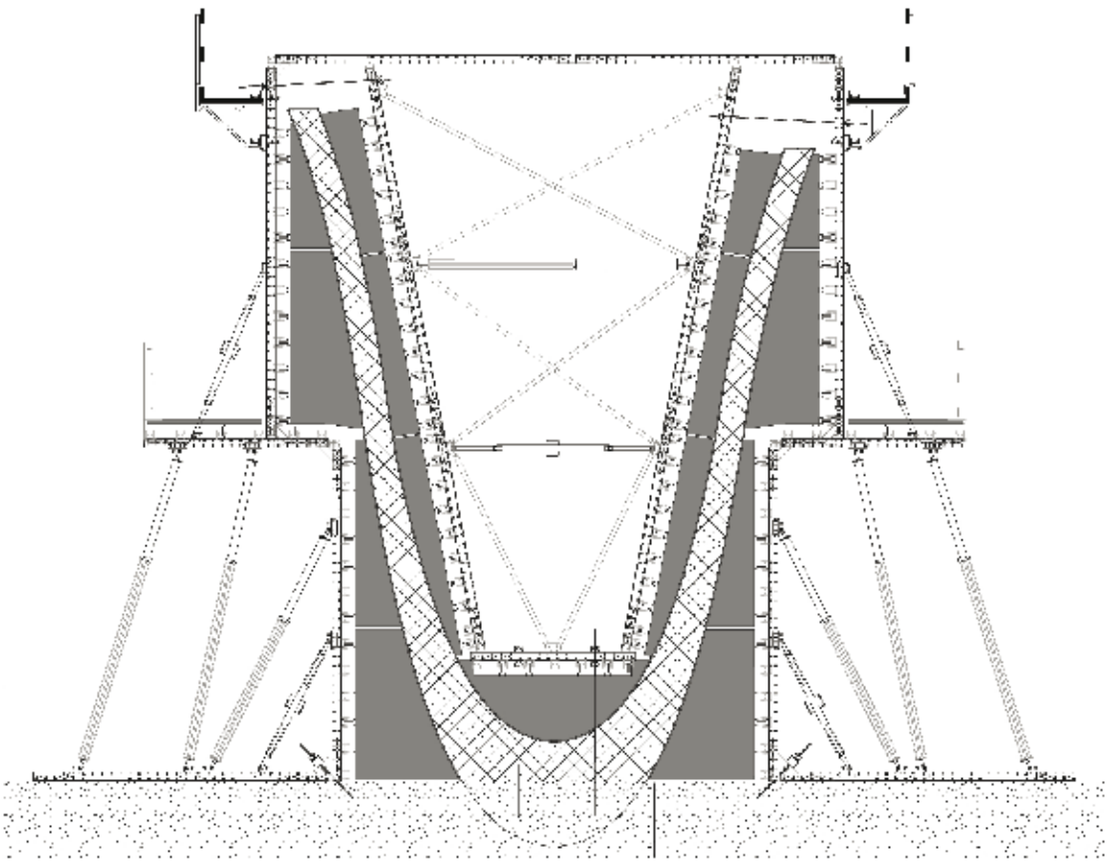



CONDOR

The cornerstones of our offer

This service-oriented approach places customers and their needs at the core of the activity, relying on two main cornerstones: the Research and Development Center and the Technical Department.

By continuously communicating with construction site managers and technical supervisors, CONDOR technicians provide technical support aiming at identifying the product or a combination of products which most meet a specific need, thus designing technical solutions which can be adopted thanks to the characteristics of CONDOR's system modularity and to the unceasing activity of Research and Development.



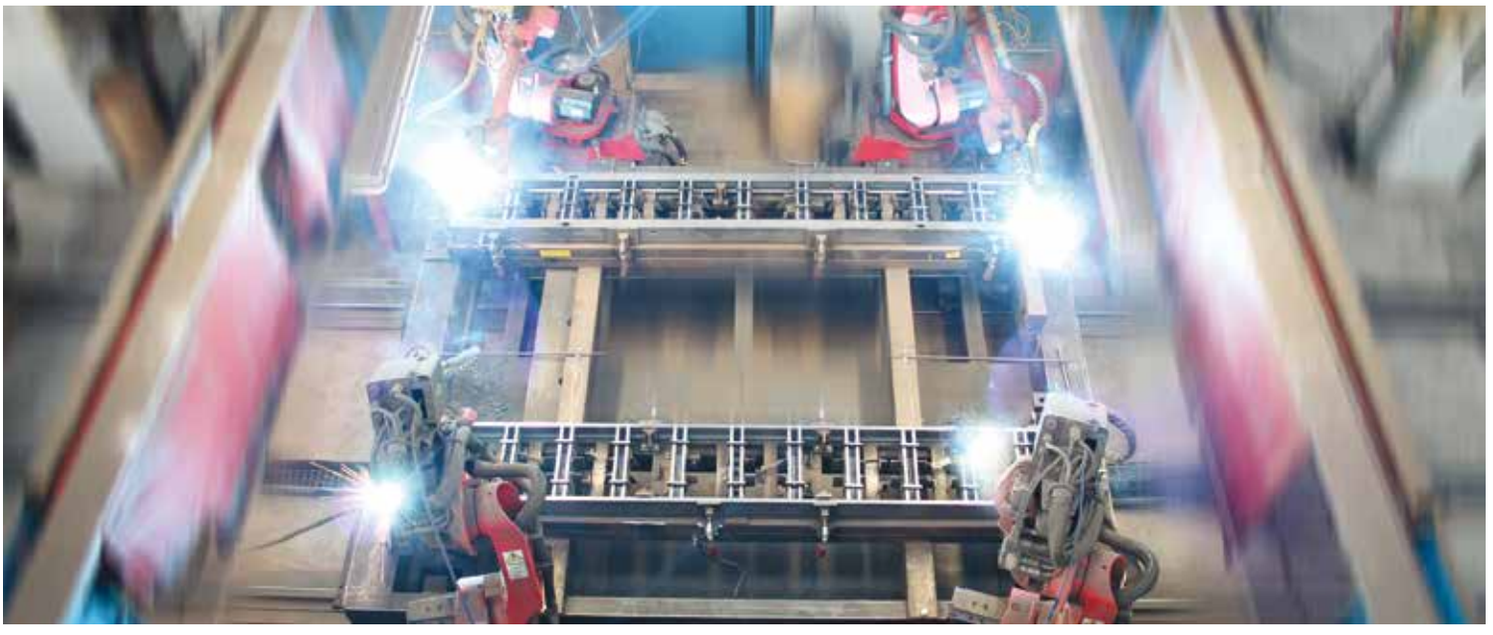

CON DOR

Production

The wide range of the offer and the products modularity make CONDOR scaffolding and formwork more and more ratified not only at a European level but also word-wide. The quality of CONDOR products enables extreme design solutions and complex geometries, thus meeting the needs of engineers and architects such as Renzo Piano, Zaha Hadid and Ricardo Bofill.

With its ability to meet the needs of both small and big construction sites, CONDOR provides its customers with standard modules which can be combined in several solutions, so that they can satisfy any design requirement. In order to meet the most specific and complex needs of a construction site, CONDOR is able to design and handcraft on demand special formwork.

The quality of products is guaranteed by certification ISO 9001 and certification IIS of welding processes, which certify the respect of high quality standards during production processes and guarantee the quality and origin of raw materials used. Full automatized numerical control systems and certified quality control systems, together with continuous training of production staff provide CONDOR products with a superior quality.



CONDOR factories are equipped with full automatizated CNC machines.

Rental

STRATEGIC OPPORTUNITY WITHIN EVERYONE'S MEANS.

Thanks to CONDOR rental service, customers can avoid the burden of the purchase cost of equipment and for their maintenance and restoration; they can exclusively focus on their core businesses.

Rental allows the customer to use products only for the time needed and receive technical support both in the design and utilization phases.

Rented products are tested and restored before each rental and once they are back in the warehouse they are cleaned up and inspected so that they can always be ready and serviceable for new utilizations.

For this purpose, CONDOR and its partners' rental stock is continuously expanding, so that a wider range of solutions is always available.

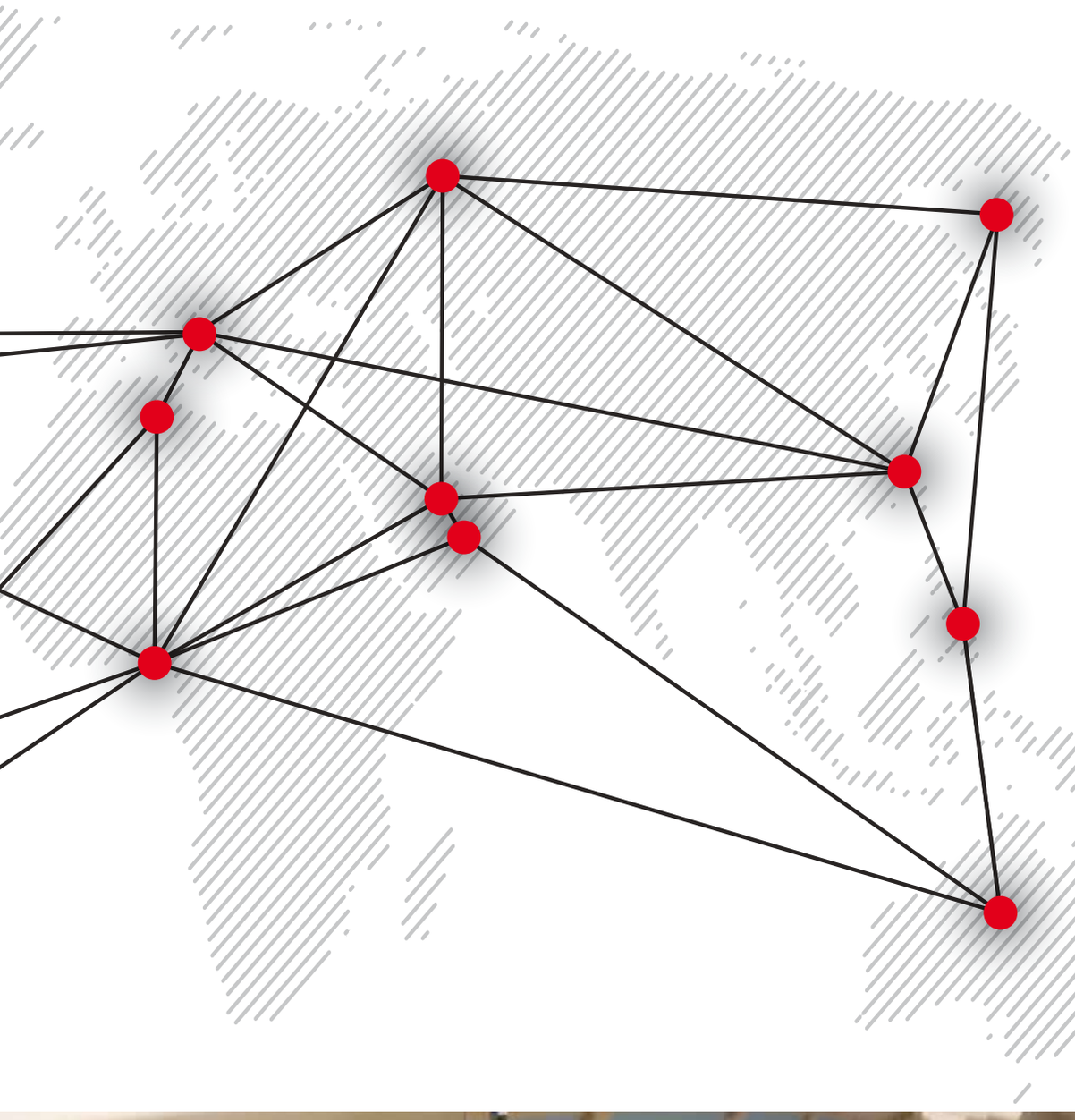
A service without frontiers

The synergy work of production sites, subsidiaries and partners guarantees any customer all over the world a rapid solution suitable to any type of project.

A team of professional and dynamic technicians, able to reach any construction site, guarantees on site design support, whereas the logistic department plans all phases of goods transport, from shipping to collection, providing support for potential custom procedures.

Safer transportation thanks to optimized standard packaging.

Real-time accessible information thanks to strong partnerships with shipping companies.




CONDOR
FORMWORK, SCAFFOLDING
CONDOR

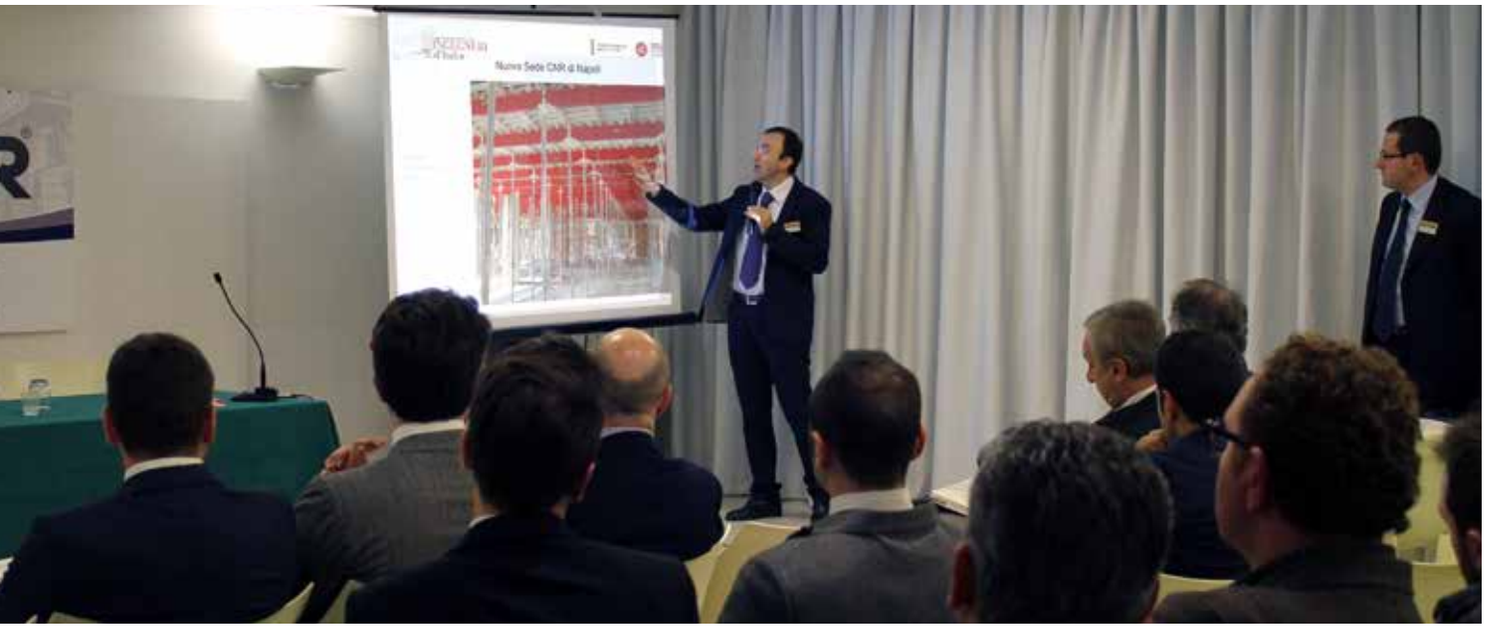
Training and Safety

The best use of products, in terms of performance and money-saving, is guaranteed by software training, periodically held by CONDOR technicians, supported by external professionals and institutions, provided to companies and users with a specific focus on safety at work.

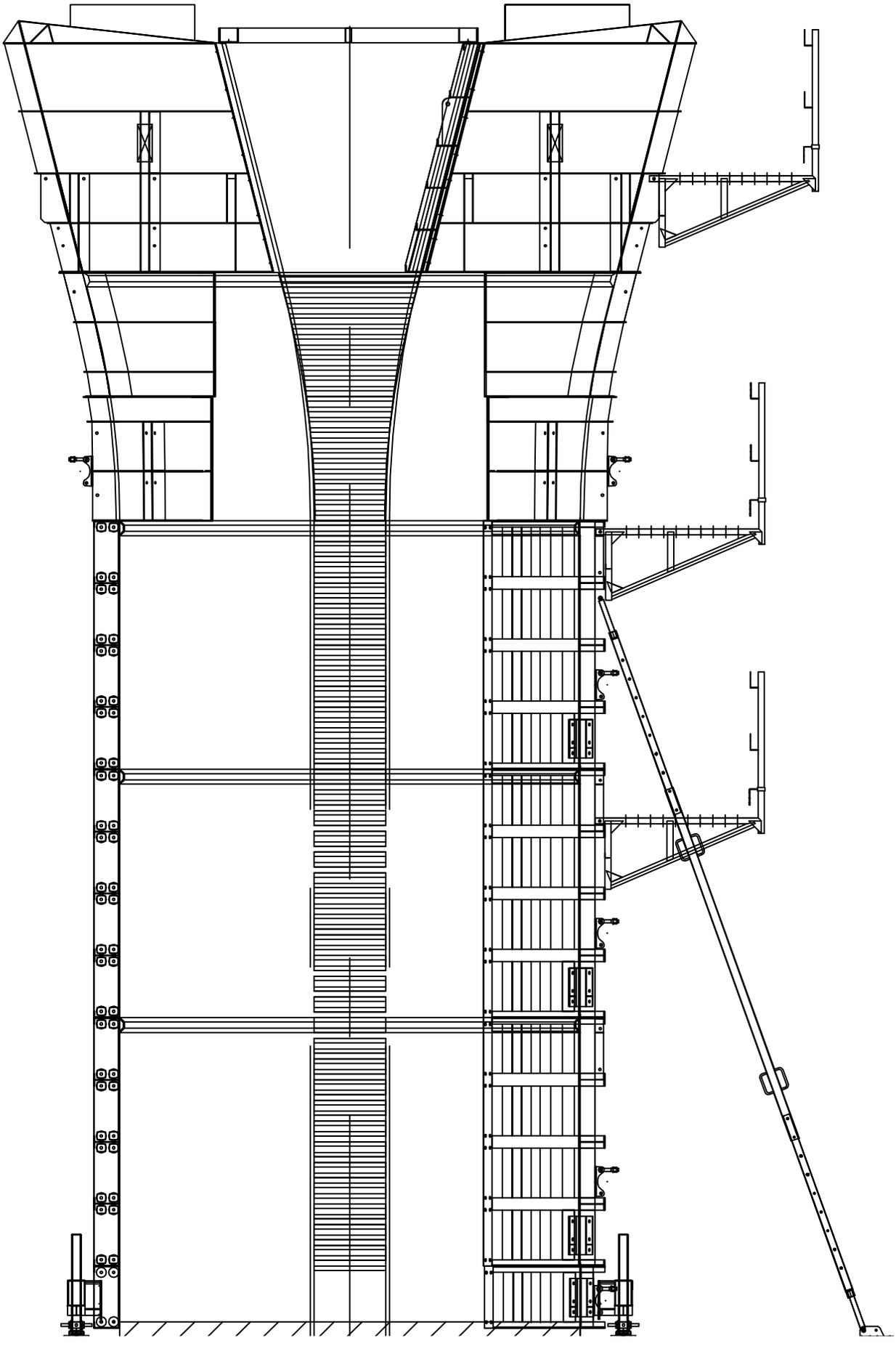
CONDOR Research and Development Center’s continuous attention for the safety of operators working at height, led to the development of the RISK FREE scaffolding, which received a worldwide acknowledged European patent.

National Convention of Engineers

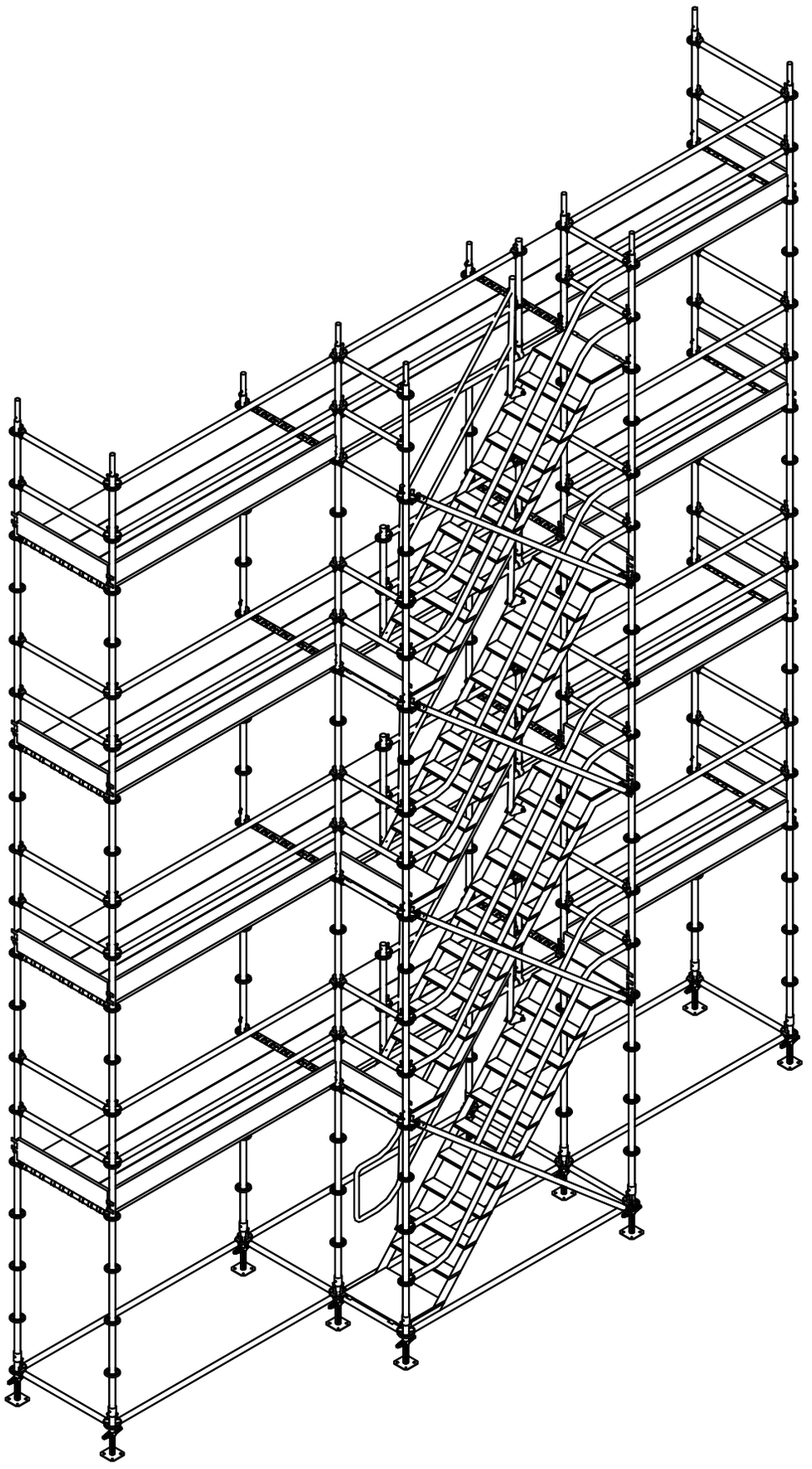
Expo - Milan 2015



ANIEM Convention Salerno



Systems

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CONDOR

Formwork for vertical structures


LTM 1050-2
CONVOI EXCEPTIONNEL

Comax

Thanks to wide surface panels and a small number of accessories, the COMAX system is the ideal solution for facilitating and accelerating formwork shuttering operations and is able to reach high casting pressures.

The COMAX system is perfectly suitable for building any type of vertical concrete structures on site.
The characteristics of the system are:

- High productivity of large size panel (240x300cm);
- Availability of undersized panels and compensation elements;
- Modularity of panels which can be used either vertically or horizontally;
- Possibility of casting with “Self-Compacting Concrete (SCC)”;
- Panels can also be used for inclined walls;
- Wide range of accessories (hinged corners, service brackets, climbing support brackets, contrast beams).

Available in **hot-dip galvanized** and **painted** version with various types of plywood:

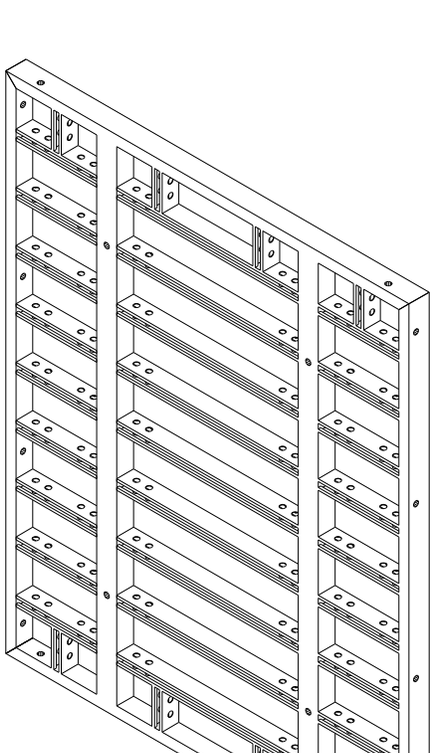
- Finnish birch plywood with phenolic coating ;
- Finnish birch plywood with polyolefin-based plastic coating. (LONGLIFE);
- Advanced foam technology PVC.

The System

COMAX framed steel formwork is available in both painted (powder coating) and galvanized version, in 5 different heights and 9 widths, minimizing accessories and compensations. Indeed, the system requires only 2 tie-rods and all the panels have horizontal elements with drilling holes every 5 cm.

This allows the use of any standard panel as universal jolly panel and to avoid wood compensation. It's possible to drill the surface and add a protection bush, which can be closed after with a simple cap like a normal jolly or column panel. The 12 cm frame and the technological characteristics of the profiles guarantee an acceptable casting pressure equal to 80 kN/sqm.

The possibility of having plywood overlayd with plastic coating provides the system with high quality, durability and versatility and significantly expand the application fields to both small and big construction sites.



Characteristics

STANDARD PANELS

Width	Height	Depth	No. Tie-rods	No. Clamps	Plywood	Maximum casting pressure
cm	cm	cm			18 mm - 220 g/m²	
240 120 100 75 60 50 40 30 20	330 300 270 150 75	12	2 DW15	2	Finnish birch plywood with phenolic coating OR with polyolefin-based plastic coating. (LONGLIFE)	80 KN/sqm da DIN 18218

UNIVERSAL COLUMN PANELS

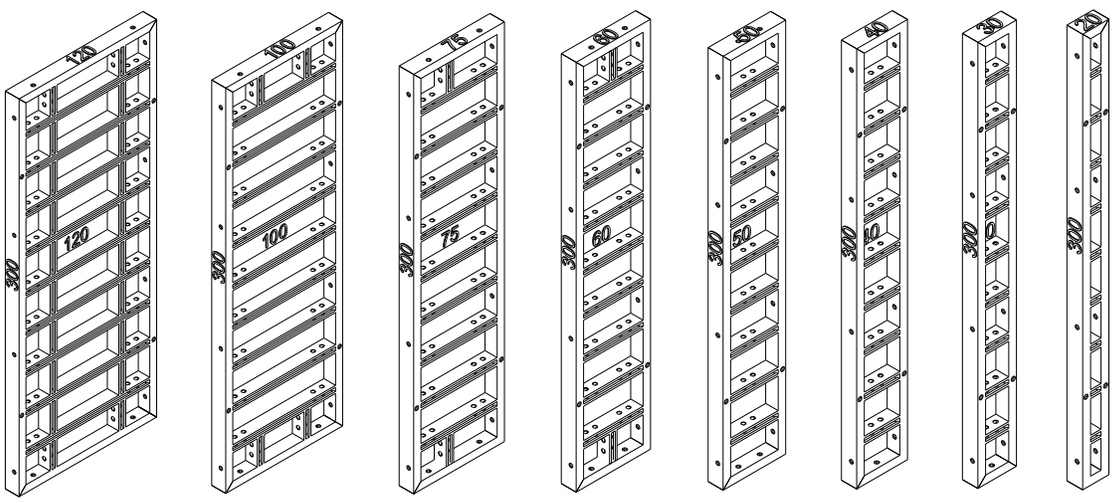
Width	Height	Depth	No. Tie-rods	Plywood	Maximum casting pressure
cm	cm	cm		18 mm - 220 g/m²	
120 90 	330 300 270 150 75	12	5 DW15	Finnish birch plywood with phenolic coating OR with polyolefin-based plastic coating. (LONGLIFE)	120 KN/sqm da DIN 18218

OTHER CHARACTERISTICS

Connection clamps (vertical/horizontal)	
Cod.19030	Fixed clamp
Cod.19080	Adjustable clamp (max 7cm)
Cod.19061	Screw-adjustable clamp (max 20cm)

Service brackets (Cod. 19043)	
Width	75cm
Operational load	150 Kg/sqm with span 150cm

Lifting hook	
Cod.11571	Maximum load 1500 Kg



COLUMNS

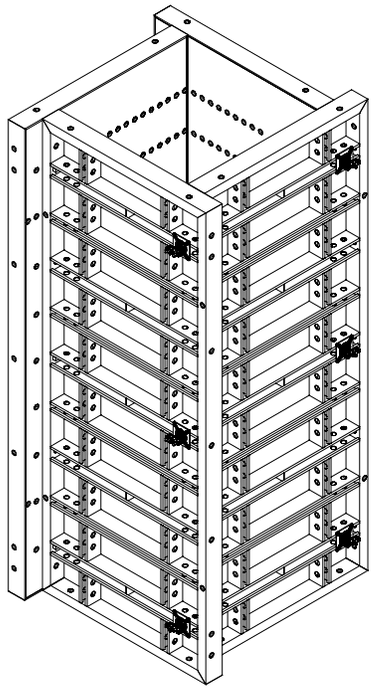
Columns are designed using Universal panels (Jolly and Column). The type of panel is chosen depending on the size of the column which is to be shuttered.

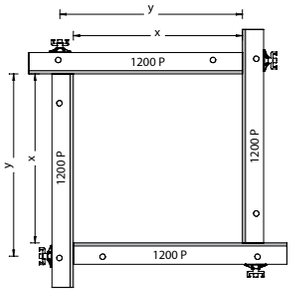
Possible sections are:

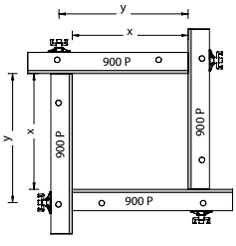
- Jolly Panel 90cm: from 20x20cm up to 70x70cm, even for rectangular sections;
- Column Panel 120cm: up to 105x105cm, even for rectangular sections.

The connection of column panels is made with hook tie rods or with universal pins.

X	Y
200	275
250	325
300	375
350	425
400	475
450	525
500	575
550	625
600	675
650	725
700	775
750	825
800	875
850	925
900	975
950	1025
1000	1075
1050	1125







CORNERS

The COMAX system offers different solutions for corners.

The basic element of the corner solution is COMAX fixed corner, enabling the design of 90° angles.

An external right angle can be formed in two ways:

- With the universal panel (Fig.1)
- With an outside corner (Fig.2)

For non-right angles (other than 90° ones) the hinged corner is used.

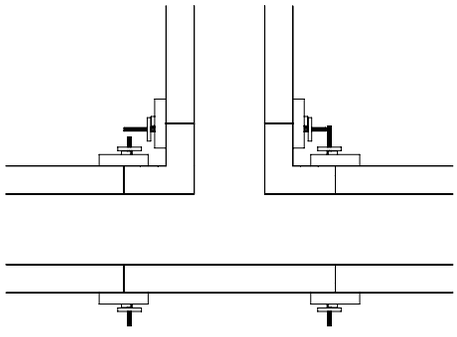


Fig.3 T Walls

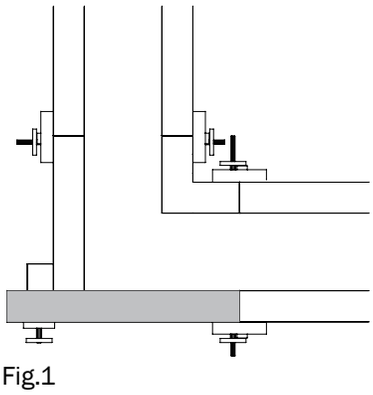


Fig.1

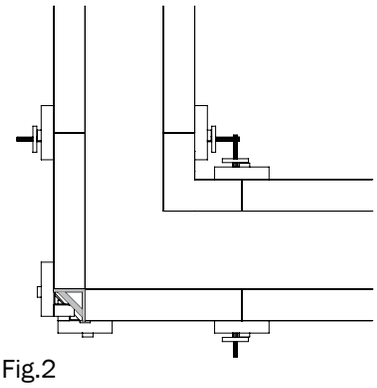


Fig.2

CLOSED SHAFTS

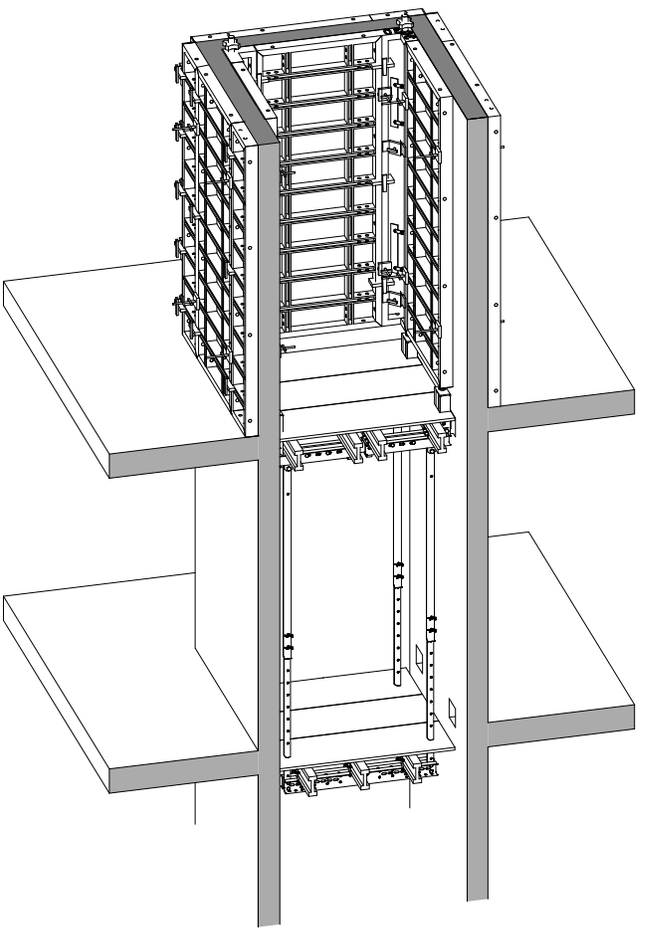
For the creation of closed spaces, such as elevators shafts or stairwells, the system has forming and stripping corners.

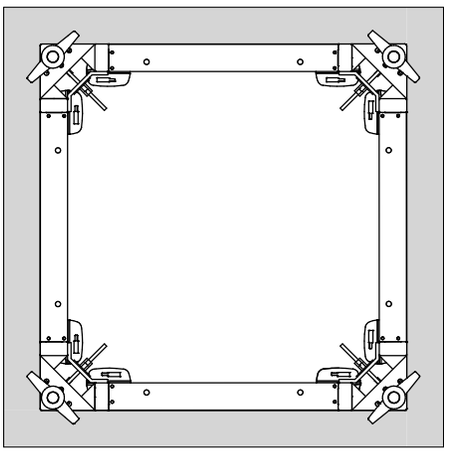
Assembly and disassembly shall be performed in compliance with standards to prevent injuries. The form striking is performed by fastening the central screw, enabling its shrinkage, thus dragging the laterally connected formwork.

The range of the disassembly corners allows the formwork to detach from the walls, and its subsequent unthreading.

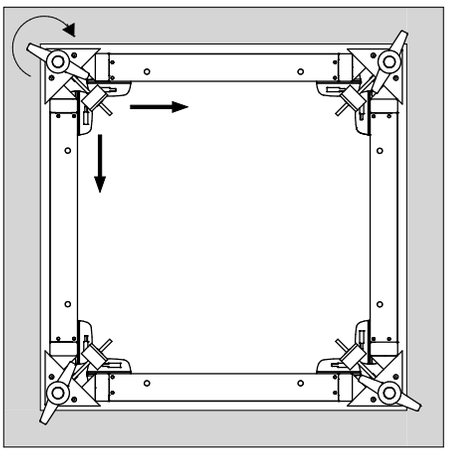
The corner is moved in full together with the formwork, thus reducing time of usage of the crane.

The system also uses an internal (climbing) platform, allowing perfect safety while working.

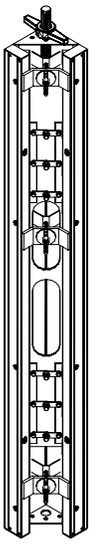




Shuttering Phase

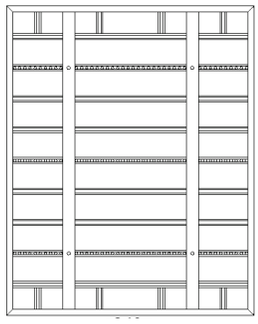


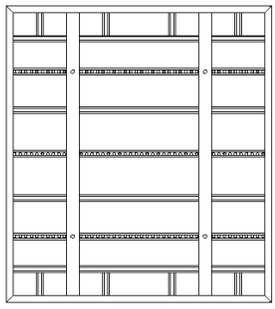
Stripping Phase

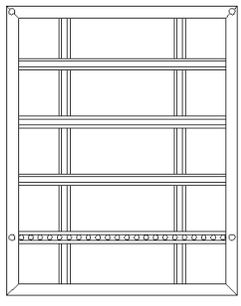


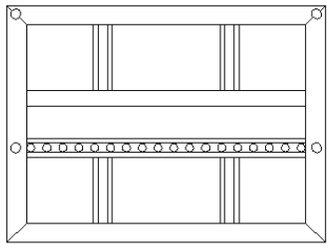
Components

ART.	DIM(cm)	WEIGHT (Kg)
COMAX PANEL		
11540	240 x 330cm	402
11542	120 x 330cm	216
11543	100 x 330cm	154
11544	75 x 330cm	123
11545	60 x 330cm	108
11546	50 x 330cm	96
11547	40 x 330cm	83
11548	30 x 330cm	72
11549	20 x 330cm	60
11575	90 x 330cm Jolly	151
11574	120 x 330cm Pil.	214
11500	240 x 300cm	372,3
11502	120 x 300cm	200,5
11503	100 x 300cm	142,7
11504	75 x 300cm	114,7
11505	60 x 300cm	99,4
11506	50 x 300cm	86,7
11507	40 x 300cm	76,3
11508	30 x 300cm	66,1
11509	20 x 300cm	55,7
11534	90 x 300cm Jolly	185,4
11533	120 x 300cm Pil.	219,7
11600	240 x 270cm	342,9
11602	120 x 270cm	161,4
11603	100 x 270cm	132,3
11604	75 x 270cm	107,2
11605	60 x 270cm	93,1
11606	50 x 270cm	81,2
11607	40 x 270cm	71,8
11608	30 x 270cm	62,4
11609	20 x 270cm	53,5
11634	90 x 270cm Jolly	128,9
11633	120 x 270cm Pil.	182,3
11510	120 x 150cm	88,9
11511	100 x 150cm	77,9
11512	75 x 150cm	61,7
11513	60 x 150cm	53,5
11514	50 x 150cm	45,4
11515	40 x 150cm	39,7
11516	30 x 150cm	34,2
11517	20 x 150cm	28,5
11536	90 x 150cm Jolly	74,2
11535	120 x 150cm Pil.	105,4
11520	100 x 75cm	50,2
11521	75 x 75cm	38,6
11522	60 x 75cm	33,1
11523	50 x 75cm	26,9
11524	40 x 75cm	23,1
11525	30 x 75cm	19,4
11526	20 x 75cm	15,6
11538	90 x 75cm Jolly	42,2
11537	120 x 75cm Pil.	58,2

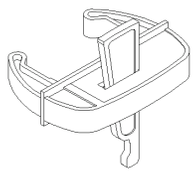
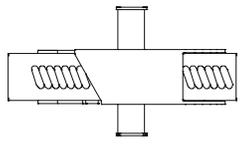
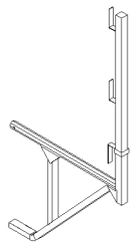
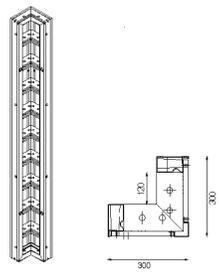
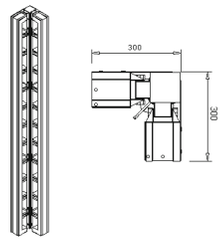
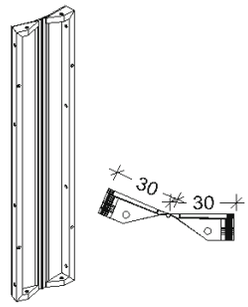




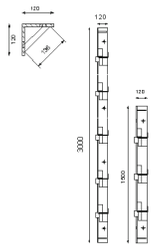
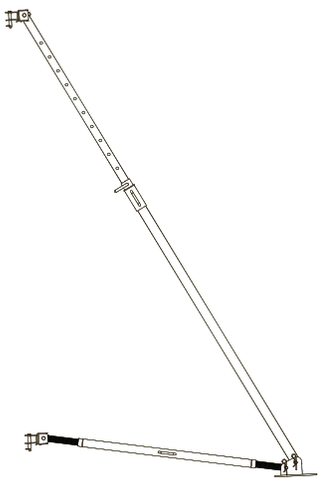
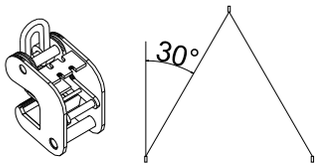


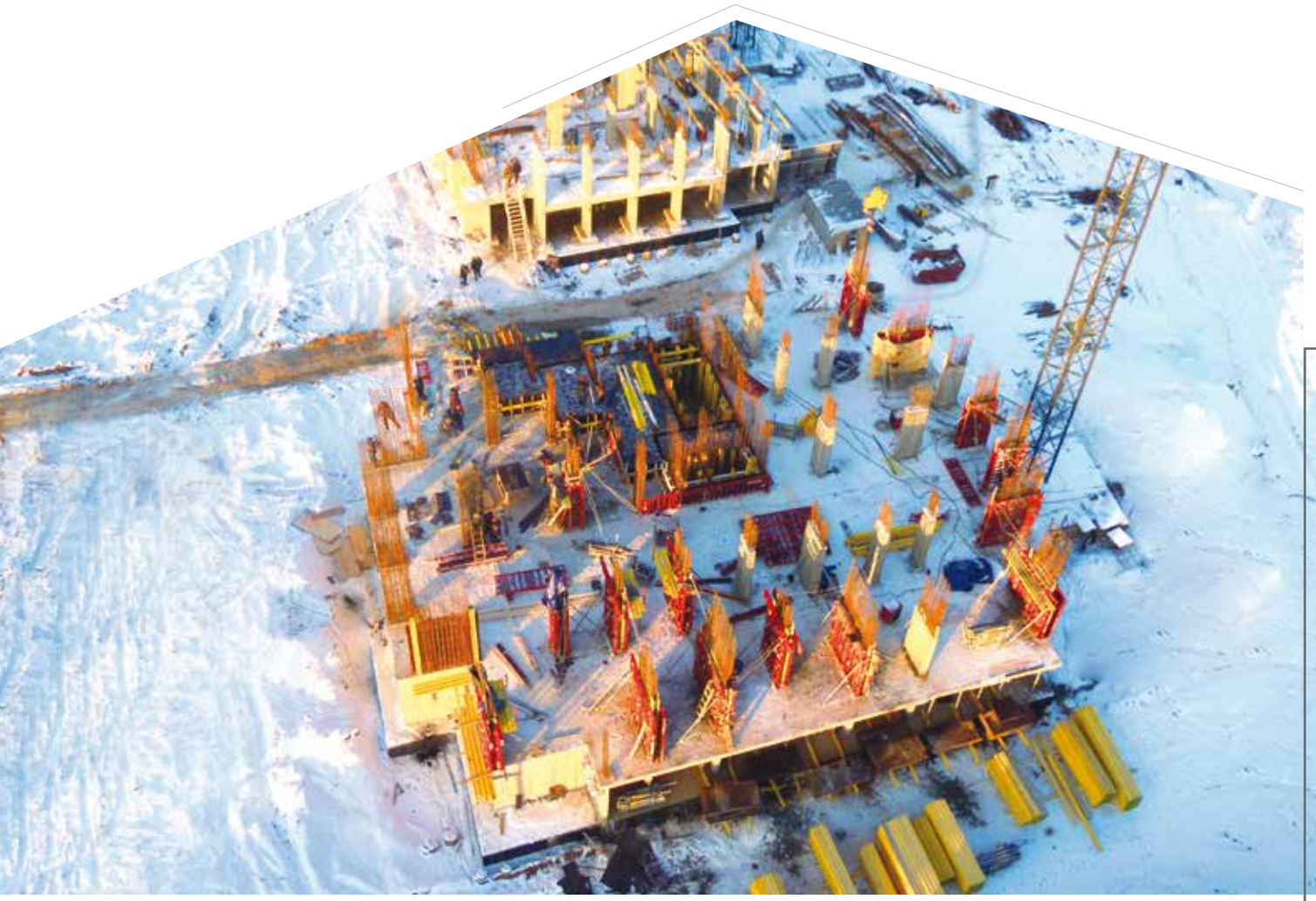


Components

ART.	DIM(cm)	WEIGHT (Kg)	
FIXED CLAMP 19030		3,8	
ADJUSTABLE CLAMP 19080		3,3	
UNIVERSAL SERVICE BRACKET 19043 Assembly accessories: n.2 UNIVERSAL CONNECTOR 19044		13,3 3,4	
STANDARD CORNER			
11576	30 x 30 x 330	90	
11527	30 x 30 x 300	94,3	
11627	30 x 30 x 270	77	
11528	30 x 30 x 150	49,2	
11529	30 x 30 x 75	27,8	
STRIPPING CORNER			
11053	30 x 30 x 330	190	
11050	30 x 30 x 300	167	
11051	30 x 30 x 150	83,4	
HINGED CORNER			
11577	30 x 30 x 330	102	
11530	30 x 30 x 300	78,7	
11630	30 x 30 x 270	87,4	
11531	30 x 30 x 150	38,7	
11532	30 x 30 x 75	23,3	

Components

ART.	DIM(cm)	WEIGHT (Kg)	
OUTSIDE CORNER			
11556	12 x 12 x 330	69	
11553	12 x 12 x 300	62,8	
11552	12 x 12 x 270	56,5	
11554	12 x 12 x 150	32,4	
11555	12 x 12 x 75	15,7	
WING NUT			
DW15 HINGED PLATE			
16006		1,2	
ADJUSTABLE PLUMBING PROP			
BTS1-SC210			
15055	210 ÷ 360 6	26,7	
BTS2-SC210			
15056	240 ÷ 420 7	30,3	
SC210			
15059	110 ÷ 210	22,5	
2BTS1 e est. SC750			
15057	465 ÷ 7,65 1	68	
2BTS2 e est. SC750			
15058	525 ÷ 8,85 1	75,2	
LIFTING HOOK			
11571		9	




CONDOR
CONDOR

Optimo

Frame formwork system suitable for any type of construction site. The modularity of the panels ensures the best value for money.

Available in **hot-dip galvanized** and **painted** version with various types of plywood:

- Finnish birch plywood with phenolic coating ;
- Finnish birch plywood with polyolefin-based plastic coating. (LONGLIFE);
- Advanced foam technology PVC.

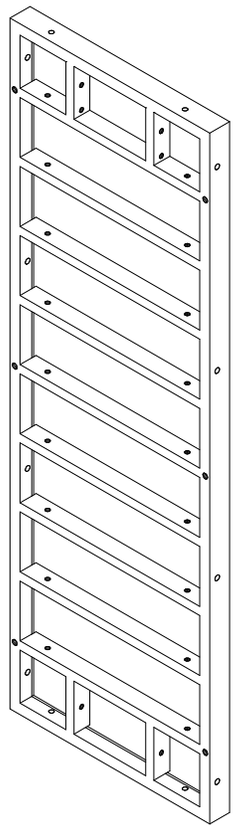
- The characteristics of the system are:

- Convenient and handly formwork for residential and commercial construction sites;
- Light for easy handling;
- Elements can be used both horizontally and vertically with the same accessories;
- High frequency of use thanks to the 18 mm thickness plywood;
- Maximum concrete pressure equal to 60 kN/sqm;
- Easy to use, thanks to panels modularity and to the number of accessories.

The System

OPTIMO formwork include in one single system lightness, thanks to the 10 cm frame, durability, thanks to the 18 mm plywood, 60 kN/sqm supported casting pressure and versatility of usage thanks to the wide range of accessories.

Used especially in residential construction sites, the system is often chosen also in big construction sites.



Characteristics

STANDARD PANELS

Width	Height	Depth	No. Tie-rods	No. Clamps	Plywood	Maximum casting pressure
cm	cm	cm			18 mm - 220 g/m²	
200*	330* 300 270 150 75*	10	3 DW15	2	Finnish birch plywood with phenolic coating OR with polyolefin-based plastic coating. (LONGLIFE)	60 KN/m² da DIN 18218
100						
75						
60						
50						
40						
30						
20						

UNIVERSAL COLUMN PANELS

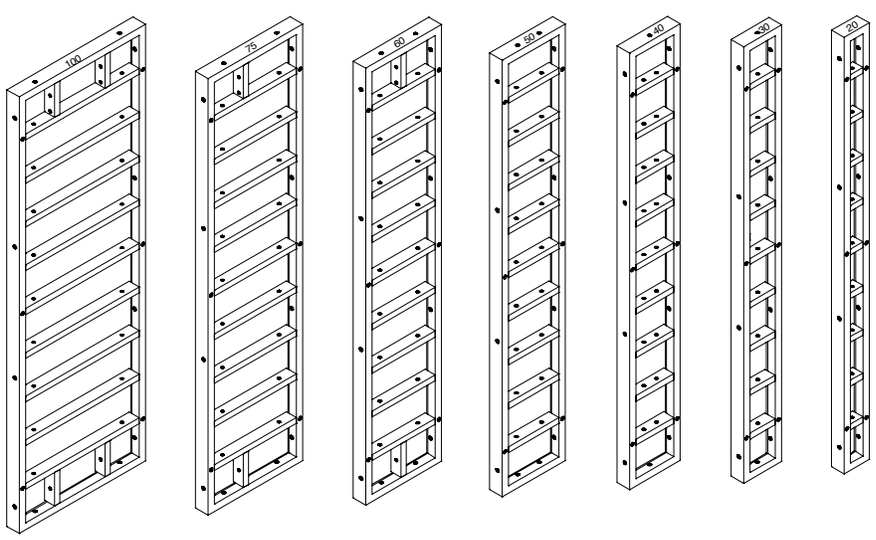
Width	Height	Depth	No. Tie-rods	Plywood	Maximum casting pressure
cm	cm	cm		18 mm - 220 g/m²	
100	330* 300 270 150 75*	10	4 DW15	Finnish birch plywood with phenolic coating OR with polyolefin-based plastic coating. (LONGLIFE)	80 KN/m² da DIN 18218
75					

OTHER CHARACTERISTICS

Connection clamps (vertical/horizontal)	
Cod.19330	Fixed clamp
Cod.19080	Adjustable clamp (max 9cm)
Cod.19061	Screw-adjustable clamp (max 22cm)

Service brackets (Cod. 19028)	
Width	75cm
Operational load	150 Kg/sqm with span 150cm

Lifting hook	
Cod.19100	Maximum load 1500 Kg



COLUMNS

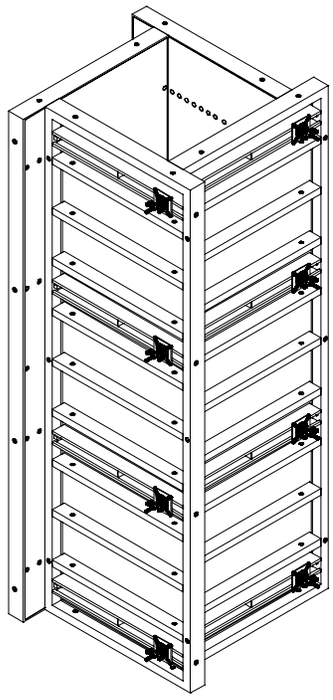
Columns are designed using Universal panels. The type of panel is chosen depending on the size of the column which is to be shuttered.

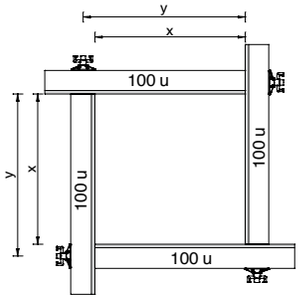
Possible sections are:

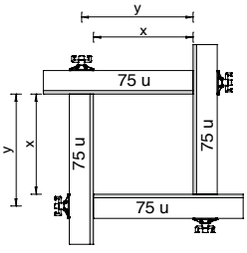
- Universal Panel 75cm: from 20x20cm up to 60x60cm, even for rectangular sections;
- Universal Panel 100cm: up to 85x85cm, even for rectangular sections.

The connection of column panels is made with hook tie rods or with universal pins.

X	Y
200	260
250	310
300	360
350	410
400	460
450	510
500	560
550	610
600	660
650	710
700	760
750	810
800	860
850	910







CORNERS

The OPTIMO system offers different solutions for corners.

The basic element of the corner solution is OPTIMO fixed corner, enabling the designed of 90° angles.

An external right angle can be formed in two ways:

- With the universal panel (Fig.1)
- With an outside corner (Fig.2)

For non-right angles (other than 90° ones) the hinged corner is used.

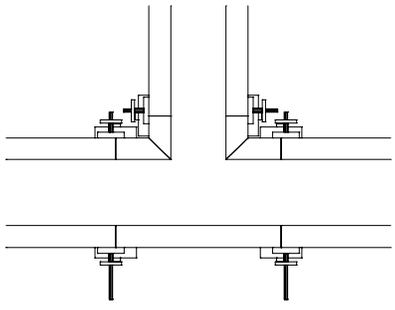


Fig.3 T Walls

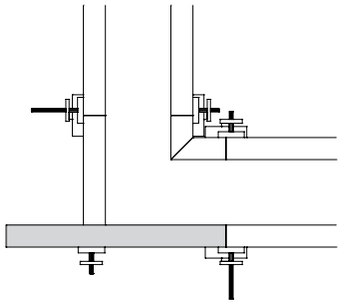


Fig.1

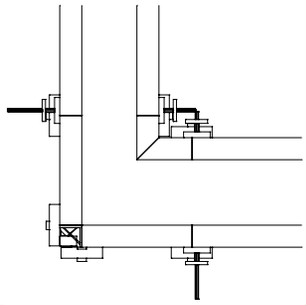


Fig.2

CLOSED SHAFTS

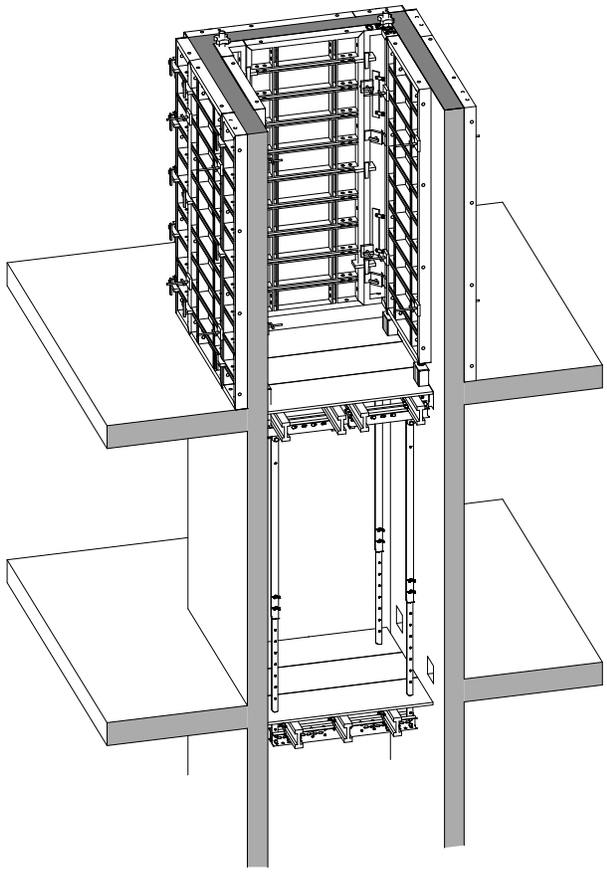
For the creation of closed spaces, such as elevators shafts or stairwells, the system has forming and stripping corners.

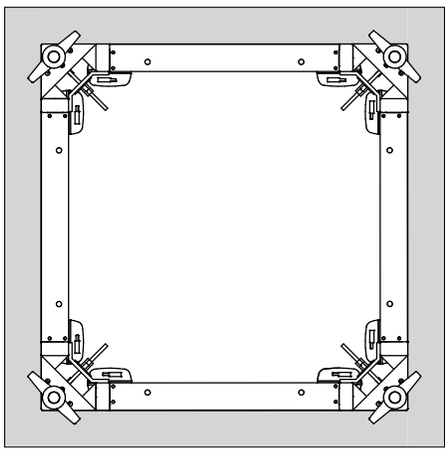
Assembly and disassembly shall be performed in compliance with standards to prevent injuries. The form striking is performed by fastening the central screw, enabling its shrinkage, thus dragging the laterally connected formwork.

The range of the disassembly corners allows the formwork to detach from the walls, and its subsequent unthreading.

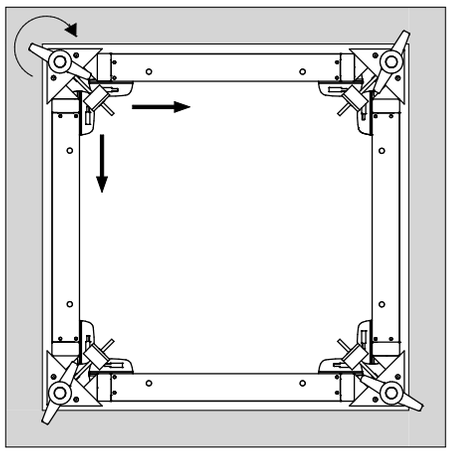
The corner is moved in full together with the formwork, thus reducing time of usage of the crane.

The system also uses an internal (climbing) platform, allowing perfect safety while working.

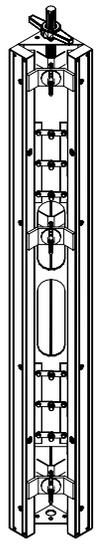




Shuttering Phase

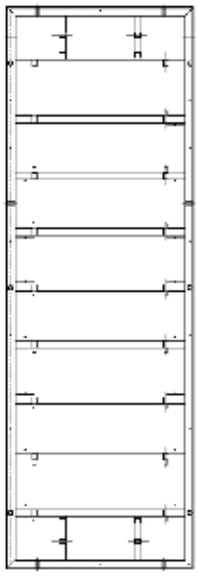


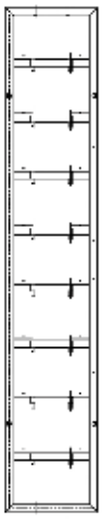
Stripping Phase

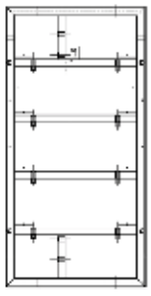


Components

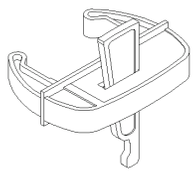
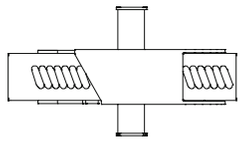
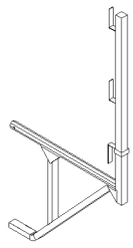
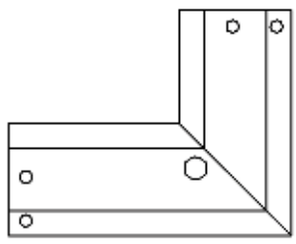
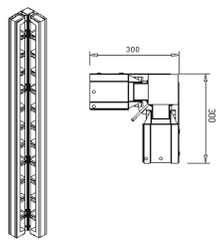
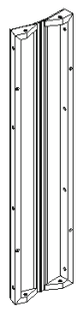
ART.	DIM(cm)	WEIGHT(Kg)
OPTIMO PANEL		
10001	200 x 300cm	298
10003	100 x 300cm	106
10004	75 x 300cm	85
10005	60 x 300cm	73
10006	50 x 300cm	64
10007	40 x 300cm	56
10008	30 x 300cm	49
10009	30 x 300cm	41
10032	100 x 300cm Col.	119,5
10033	75 x 300cm Col.	93
10011	200 x 270cm	278
10013	100 x 270cm	96
10014	75 x 270cm	77
10015	60 x 270cm	66
10016	50 x 270cm	58
10017	40 x 270cm	51
10018	30 x 270cm	44
10019	20 x 270cm	37
10034	100 x 270cm Col.	107
10035	75 x 270cm Col.	83,5
10021	200x150cm	137
10023	100 x 150cm	58
10024	75 x 150cm	46
10025	60 x 150cm	40
10026	50 x 150cm	34
10027	40 x 150cm	30
10028	30 x 150cm	26
10029	20 x 150cm	22
10036	100 x 150cm Col.	63
10037	75 x 150cm Col.	49
10123	100 x 75cm	36
10124	75 x 75cm	28
10125	60 x 75cm	24
10126	50 x 75cm	20
10127	40 x 75cm	17
10128	30 x 75cm	15
10129	20 x 75cm	12
10038	100 x 75cm Col.	38
10039	75 x 75cm Col.	30



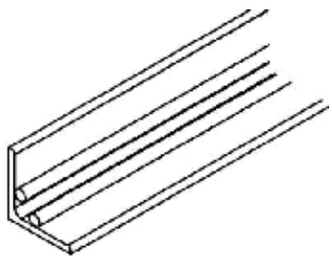
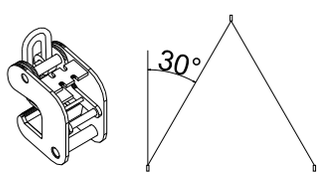


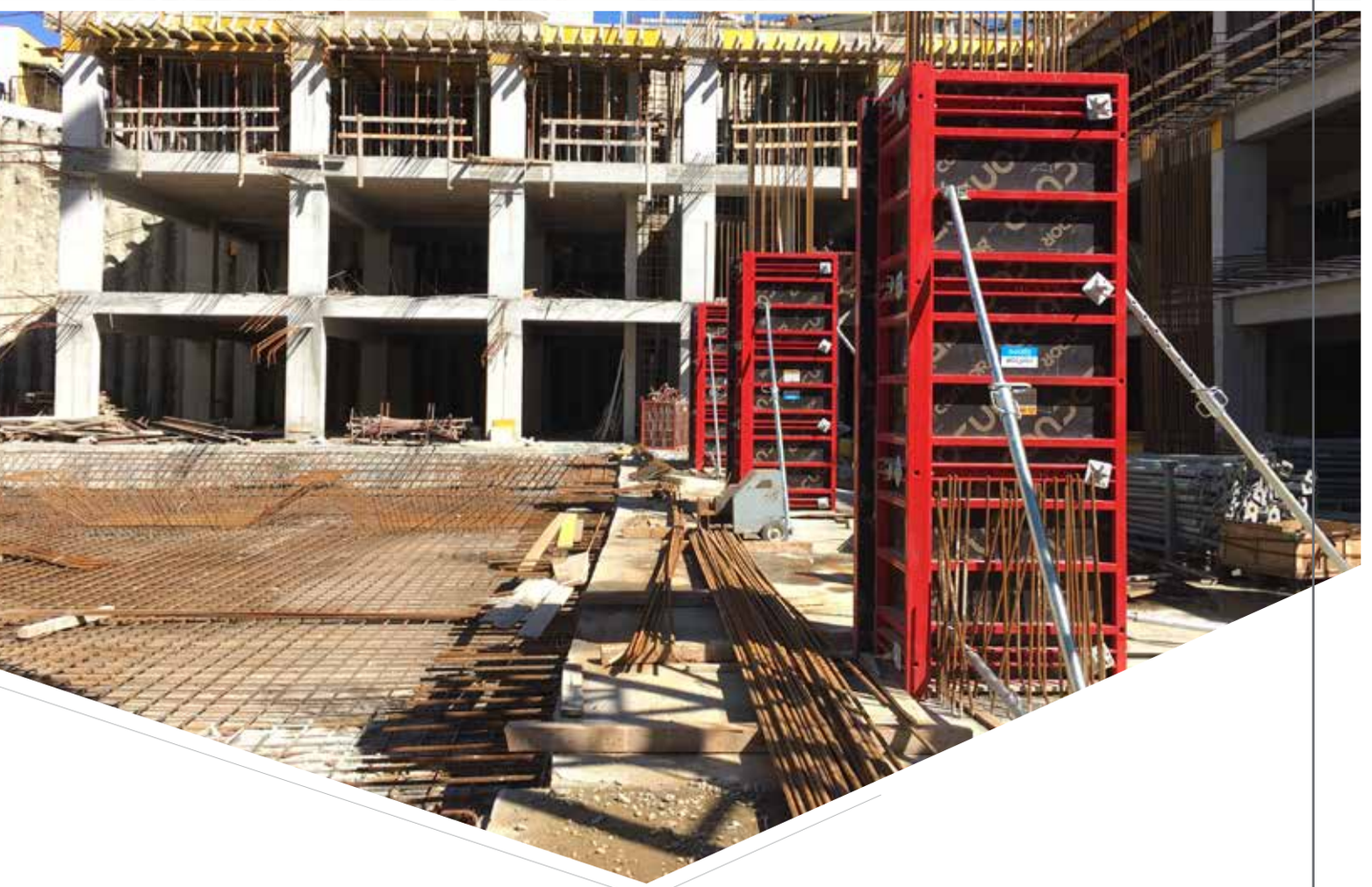


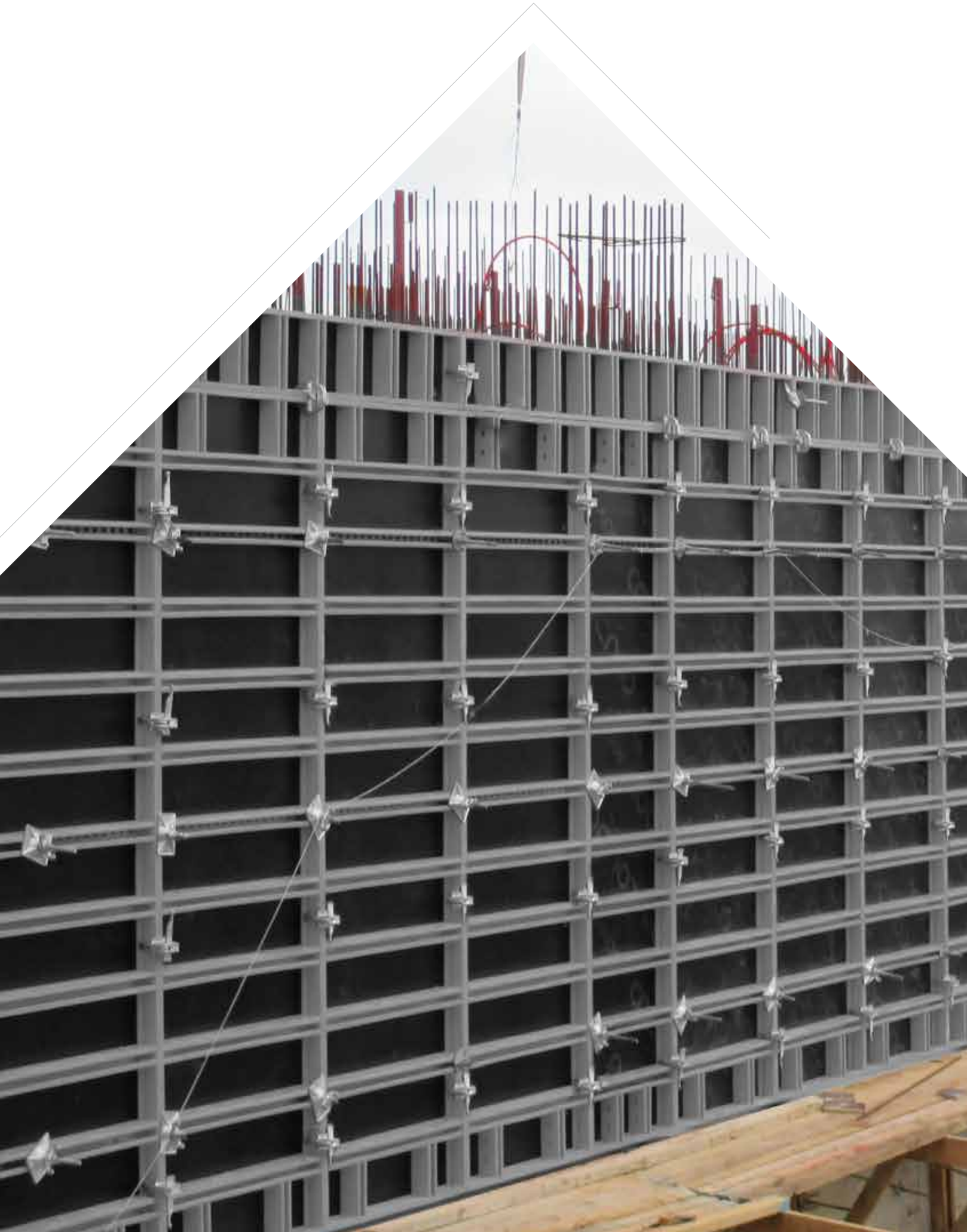
Components

ART.	DIM(cm)	WEIGHT (Kg)	
FIXED CLAMP 19330		3,5	
ADJUSTABLE CLAMP 19080		3,3	
UNIVERSAL SERVICE BRACKET 19043 Assembly accessories: n.2 UNIVERSAL CONNECTOR 10050		13,3 2	
STANDARD CORNER 10040 10041 10042	 20 x 25 x 300 20 x 25 x 270 20 x 25 x 150	 62,5 55,5 32,5	
STRIPPING CORNER 11053 11050 11054 11051	 30 x 30 x 330 30 x 30 x 300 30 x 30 x 270 30 x 30 x 150	 190 167 145 83,4	
HINGED CORNER 10043 10044 10045	 25 x 25 x 300 25 x 25 x 270 25 x 25 x 150	 74 69 38	

Components

ART.	DIM(cm)	WEIGHT (Kg)	
OUTSIDE CORNER			
10046	10 x 10 x 300	60	
10047	10 x 10 x 270	54	
10048	10 x 10 x 150	30	
10049	10 x 10 x 75	15	
WING NUT			
DW15 HINGED PLATE			
16006		1,2	
ADJUSTABLE PLUMBING PROP			
BTS1-SC210			
15060	210 ÷ 360 6	30,7	
BTS2-SC210			
15061	240 ÷ 420 7	34,3	
SC210			
15064	110 ÷ 210	26,5	
2BTS1 e est. SC750			
15062	465 ÷ 7,65 1	72	
2BTS2 e est. SC750			
15063	525 ÷ 8,85 1	79,2	
LIFTING HOOK			
11571		9	





Adatto ALU

The best solution for a fast jobsite with no crane.

- The characteristics of the system are:

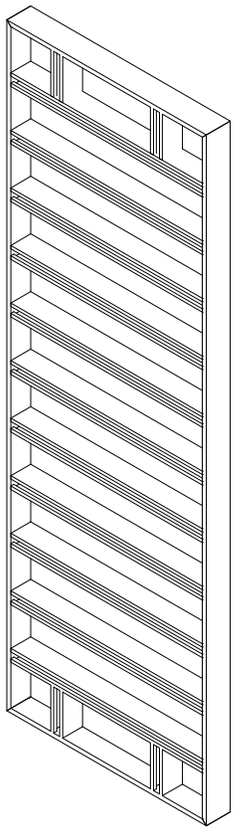
- Light and handly formwork (Panels of 23 Kg/sqm);
- Modularity and versatility thanks to standard panels that can also be used as universal ones;
- Optimized strong structure with 12 cm steel frame and 18 mm plywood;
- Versatility of usage with the adjustable clamp allowing up to 13 cm compensation;
- Perfect integration with all CONDOR systems, especially with MULTICOM multidirectional scaffolding system (accesses and platforms complying with the latest regulation on safety);
- Maximum concrete pressure equal to 60 kN/sqm;
- Perimeter frame with central crosspieces entirely in aluminium.

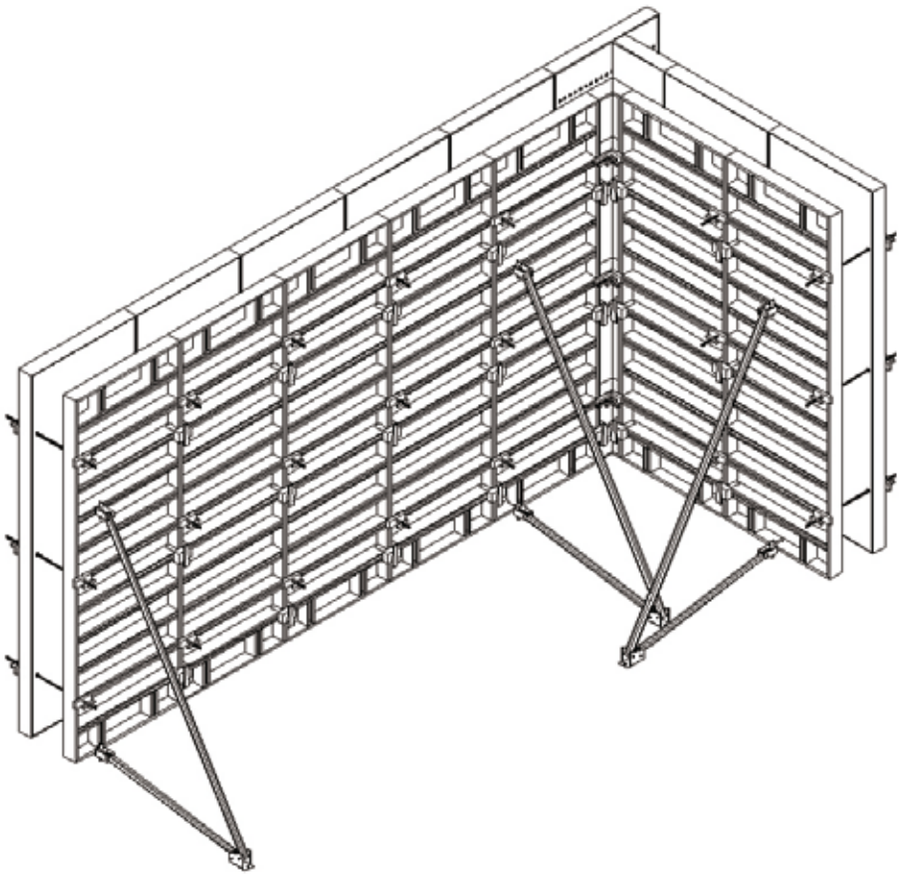
The System

ADATTO ALU system with a 12 cm frame and a 18 mm plywood, is characterized by simplicity, lightness, convenience as well as resistance and quality.

Its great modularity is guaranteed by all the panels having horizontal elements with drilling holes every 5 cm. This allows the use of any standard panel as jolly universal panel and to avoid wood compensation. If needed it’s possible to drill the surface and add a protection bush, which can be closed after with a simple cap like a normal jolly or column panel.

The maximum casting pressure is 60kN/ sqm.





Characteristics

STANDARD PANELS

Width	Height	Depth	No. Tie-rods	No. Clamps	Plywood	Maximum casting pressure
cm	cm	cm			18 mm - 220 g/m²	
100						
75						
60	300					
50	270					
40	150	12	3 DW15	3	Finnish birch plywood with phenolic coating OR with polyolefin-based plastic coating. (LONGLIFE)	60 KN/m² da DIN 18218
30	75					
20						

UNIVERSAL COLUMN PANELS

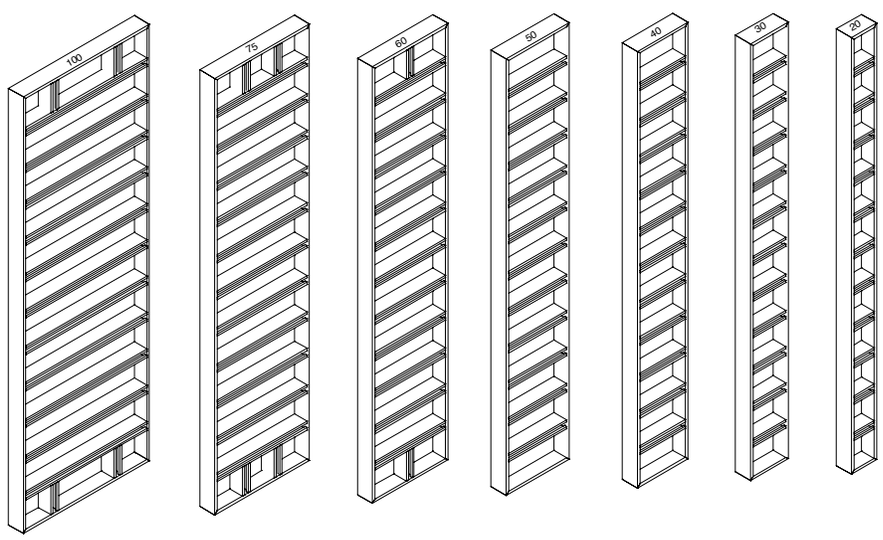
Width	Height	Depth	No. Tie-rods	Plywood	Maximum casting pressure
cm	cm	cm		18 mm - 220 g/m²	
100					
75					
	300				
	270				
	150	12	5 DW15 Hook Tie Rods	Finnish birch plywood with phenolic coating OR with polyolefin-based plastic coating. (LONGLIFE)	80 KN/m² da DIN 18218
	75				

OTHER CHARACTERISTICS

Connection clamps (vertical/horizontal)	
Cod.19031	Fixed clamp
Cod.19080	Adjustable clamp (max 13cm)
Cod.19061	Screw-adjustable clamp (max 26cm)

Service brackets	
Width	75cm
Operational load	150 Kg/sqm with span 150cm

Lifting hook	
Cod.19100	Maximum load 1500 Kg



COLUMNS

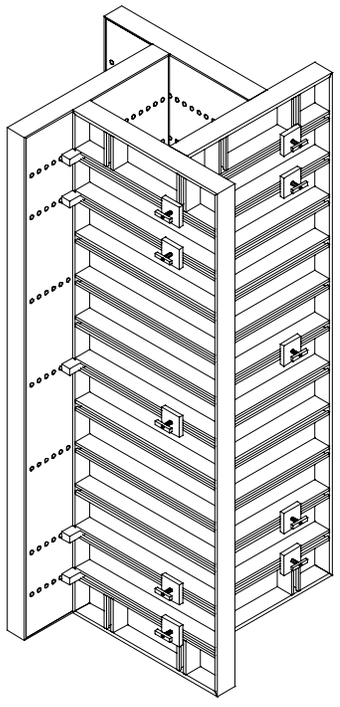
Columns are designed using Universal panels. The type of panel is chosen depending on the size of the column which is to be shuttered.

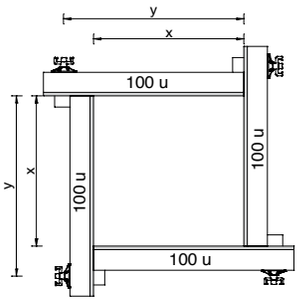
Possible sections are:

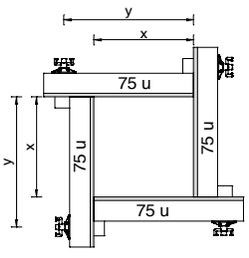
- Universal Panel 75cm: from 20x20cm up to 55x55cm, even for rectangular sections;
- Universal Panel 100cm: up to 80x80cm, even for rectangular sections.

The connection of column panels is made with hook tie rods.

X	Y
200	350
250	400
300	450
350	500
400	550
450	600
500	650
550	700
600	750
650	800
700	850
750	900
800	950







CORNERS

The ADATTO ALU system offers different solutions for corners.

The basic element of the corner solution is ADATTO ALU fixed corner, enabling the design of 90° angles.

An external right angle can be formed in two ways:

- With the universal panel (Fig.1)
- With an outside corner (Fig.2)

For non-right angles (other than 90° ones) the hinged corner is used.

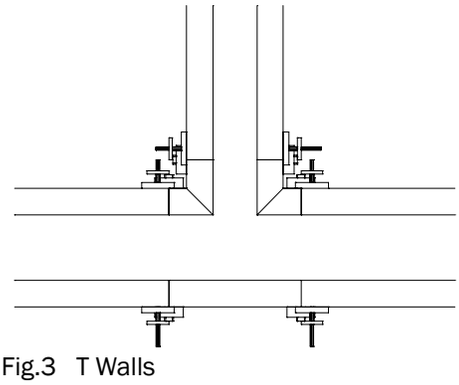


Fig.3 T Walls

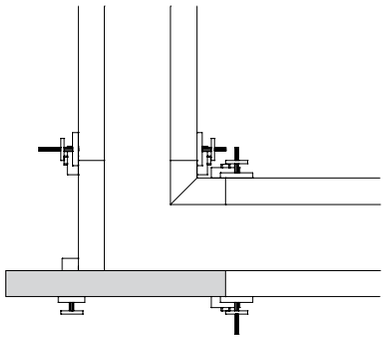


Fig.1

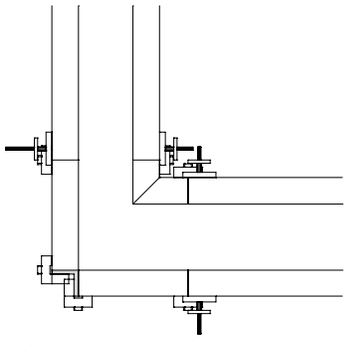


Fig.2

CLOSED SHAFTS

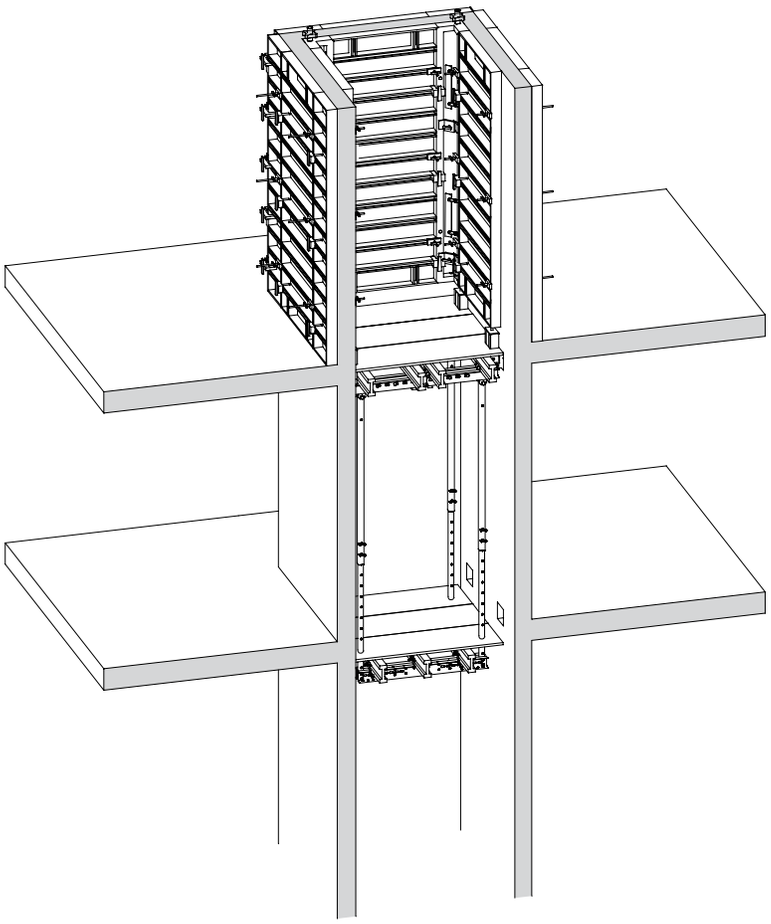
For the creation of closed spaces, such as elevators shafts or stairwells, the system has forming and stripping corners.

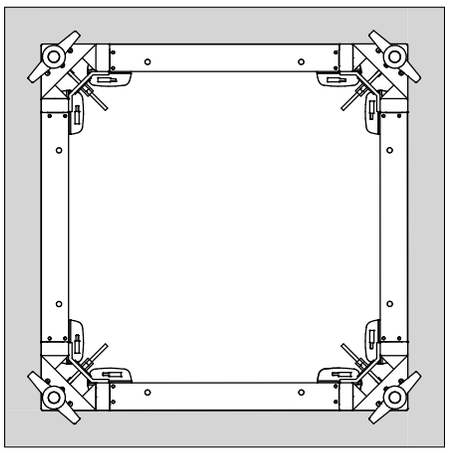
Assembly and disassembly shall be performed in compliance with standards to prevent injuries. The form striking is performed by fastening the central screw, enabling its shrinkage, thus dragging the laterally connected formwork.

The range of the disassembly corners allows the formwork to detach from the walls, and its subsequent unthreading.

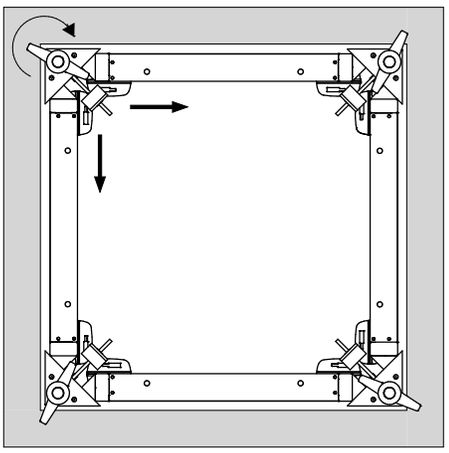
The corner is moved in full together with the formworks, thus reducing time of usage of the crane.

The system also uses an internal (climbing) platform, allowing perfect safety while working.

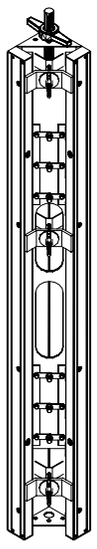




Shuttering Phase

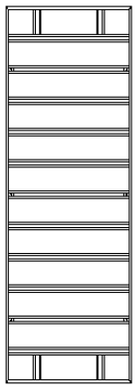


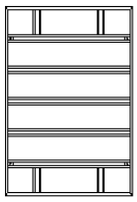
Stripping Phase

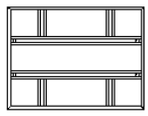


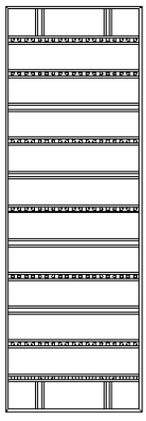
Components

ART.	DIM(cm)	WEIGHT (Kg)
ADATTO ALU PANELS		
11203	100 x 300cm	70,5
11204	75 x 300cm	56,1
11205	60 x 300cm	46,8
11206	50 x 300cm	41
11207	40 x 300cm	34,6
11208	30 x 300cm	28,8
11209	20 x 300cm	23,1
11232	100 x 300cm Jolly	73,8
11233	75 x 300cm Pil.	58,5
11263	100 x 270cm	65,6
11264	75 x 270cm	52,2
11265	60 x 270cm	43,5
11266	50 x 270cm	38
11267	40 x 270cm	32
11268	30 x 270cm	27
11269	20 x 270cm	21,5
11270	100 x 270cm Jolly	69
11271	75 x 270cm Pil.	54,5
11211	100 x 150cm	37,3
11212	75 x 150cm	29,8
11213	60 x 150cm	24,6
11214	50 x 150cm	21,5
11215	40 x 150cm	17,8
11216	30 x 150cm	14,8
11217	20 x 150cm	11,8
11234	100 x 150cm Jolly	38,6
11235	75 x 150cm Pil.	30,7
11221	100 x 75cm	21
11222	75 x 75cm	17,5
11223	60 x 75cm	14,5
11224	50 x 75cm	12,5
11225	40 x 75cm	10
11226	30 x 75cm	8
11227	20 x 75cm	6,5
11236	100 x 75cm Jolly	21,3
11237	75 x 75cm Pil.	17,6

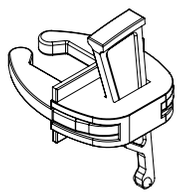
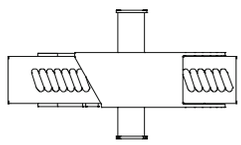
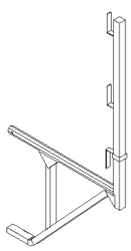
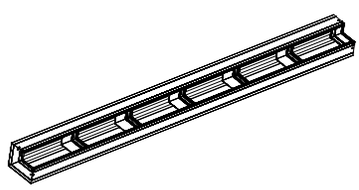
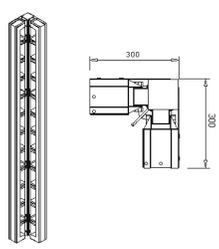
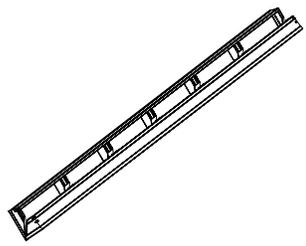




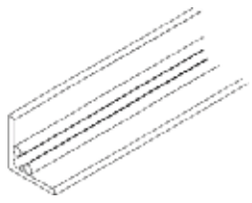
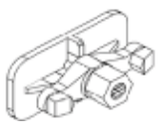
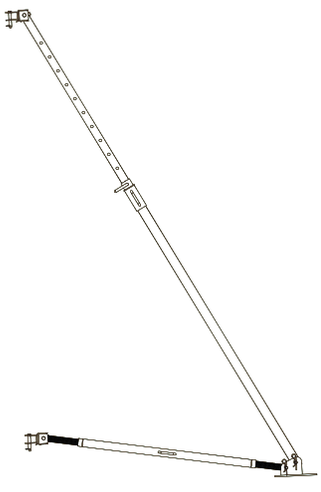
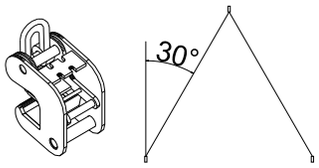




Components

ART.	DIM(cm)	WEIGHT (Kg)	
ADATTO FIXED CLAMP 19031		2,4	
ADJUSTABLE CLAMP 19080		3,3	
SERVICE BRACKET ADATTO 19028		11,3	
Assembly accessories:			
n.1 OMEGA MC CASTING BRACKET COUPLING 19002		1,5	
or			
n.1 OMEGA MC 90 CONNECTOR 19050		1,5	
STANDARD CORNER (steel)			
11126	20 x 25 x 300	50,8	
11127	20 x 25 x 150	27,9	
11128	20 x 25 x 75	17	
STRIPPING CORNER (steel)			
11050	30 x 30 x 300	167,0	
11051	30 x 30 x 150	83,4	
HINGED CORNER (steel)			
11129	25 x 25 x 300	53,1	
11130	25 x 25 x 150	28,4	
11131	25 x 25 x 75	16,3	

Components

ART.	DIM(cm)	WEIGHT (Kg)	
OUTSIDE CORNER (steel)			
19040	12 x 12 x 300	61,0	
19041	12 x 12 x 150	30,5	
19042	12 x 12 x 75	15,2	
WING NUT			
DW15 HINGED PLATE			
16018		1,2	
ADJUSTABLE PLUMBING PROP			
BTS1-SC210			
15050	210 ÷ 360	26,7	
BTS2-SC210			
15051	240 ÷ 420	30,3	
SC210			
15054	110 ÷ 210	22,5	
2BTS1 e est. SC750			
15052	465 ÷ 7,65	68	
2BTS2 e est. SC750			
15053	525 ÷ 8,85	75,2	
LIFTING HOOK			
19100		7,0	


CADOR

Haliform

The crane-independent formwork.

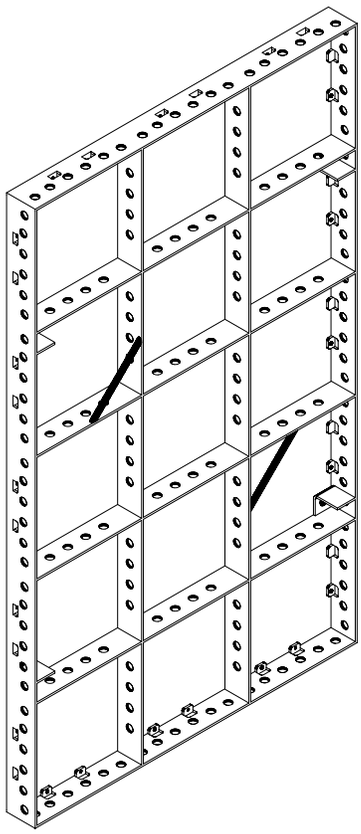
- The characteristics of the system are:

- Light elements ideal for foundations, walls and columns and for sites with no cranes
- Easy handling thanks to its ergonomic handles;
- Easy and quick vertical / horizontal connection with the clamp which hooks and puts the panels together;
- Few elements;
- Casting pressure equal to 40 kN / sqm.

The System

Acronym for Handling (handy) and Light (light) The Haliform system is designed to cast foundations, walls, columns and beams. Thanks to its heights of 150cm and 120cm it's possible to overlay the frames so to realize works on higher heights.
All the panels can be handled by a single person for an ideal use in the casting of foundations and walls of small sizes even in the absence of lifting devices.

Casting pressure equal to 40 kN / sqm.



Characteristics

STANDARD PANELS

Width	Height	Depth	No. Tie-rods	No. Clamps	Plywood	Maximum casting pressure
cm	cm	cm			12 mm - 220 g/m²	
90	150 120	8	2 DW15	2	Finnish birch plywood with phenolic coating	40 KN/m² da DIN 18218
60						
45						
30						

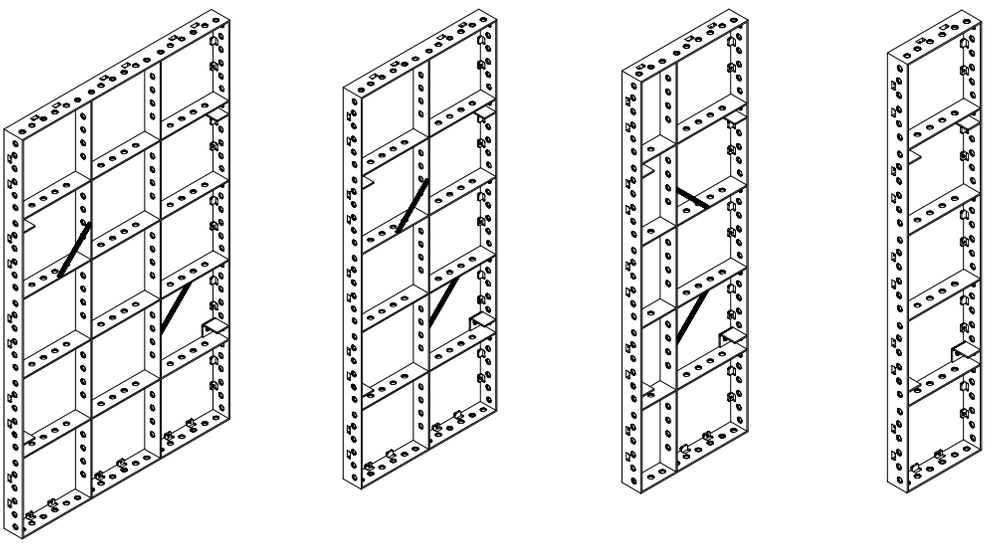
UNIVERSAL COLUMN PANELS

Width	Height	Depth	No. Tie-rods	Plywood	Maximum casting pressure
cm	cm	cm		12 mm - 220 g/m²	
60	150 120	8	2 DW15	Finnish birch plywood with phenolic coating	40 KN/m² da DIN 18218
45					

OTHER CHARACTERISTICS

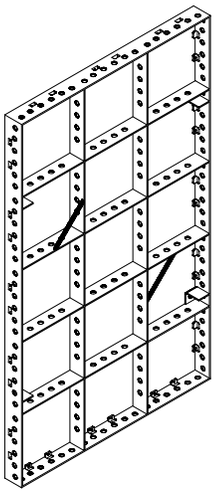
Connection clamps (vertical/horizontal)	
Cod.19440	Clamp

Lifting hook	
Cod.19105	Maximum load 700 Kg

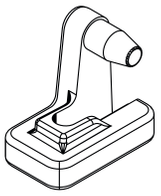


Components

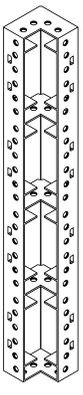
ART.	DIM(cm)	WEIGHT (Kg)	
HALIFORM PANEL			
11400	90 x 150cm	41,9	
11401	60 x 150cm	29,9	
11402	45 x 150cm	25,8	
11403	30 x 150cm	17,9	
11420	60 x 150cm Jolly	32,4	
11423	45 x 150cm Pil.	27,2	
11410	90 x 120cm	33,7	
11411	60 x 120cm	23,9	
11412	45 x 120cm	20,5	
11413	30 x 120cm	14,2	
11421	60 x 120cm Jolly	26,4	
11424	45 x 120cm Pil.	22	



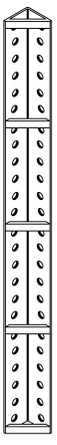
FIXED CLAMP 19440		0,8	



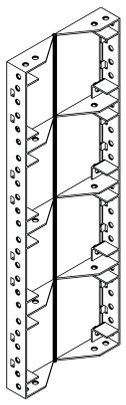
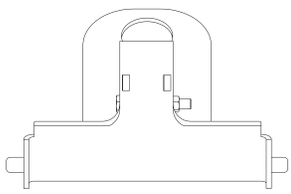
INSIDE CORNER			
11430	30 x 30 x 150	42	
11431	20 x 20 x 150	32,7	
11432	15 x 15 x 150	26,3	
11436	30 x 30 x 120	33,3	
11437	20 x 20 x 120	25,6	
11438	15 x 15 x 120	22	



OUTSIDE CORNER			
11433	8 x 8 x 150	7,6	
11439	8 x 8 x 120	6,1	



Components

ART.	DIM(cm)	WEIGHT (Kg)	
HINGED CORNER			
11434	20 x 20 x 150	33	
11440	20 x 20 x 120	25,9	
LIFTING HOOK		4,5	
19105			

O-Round

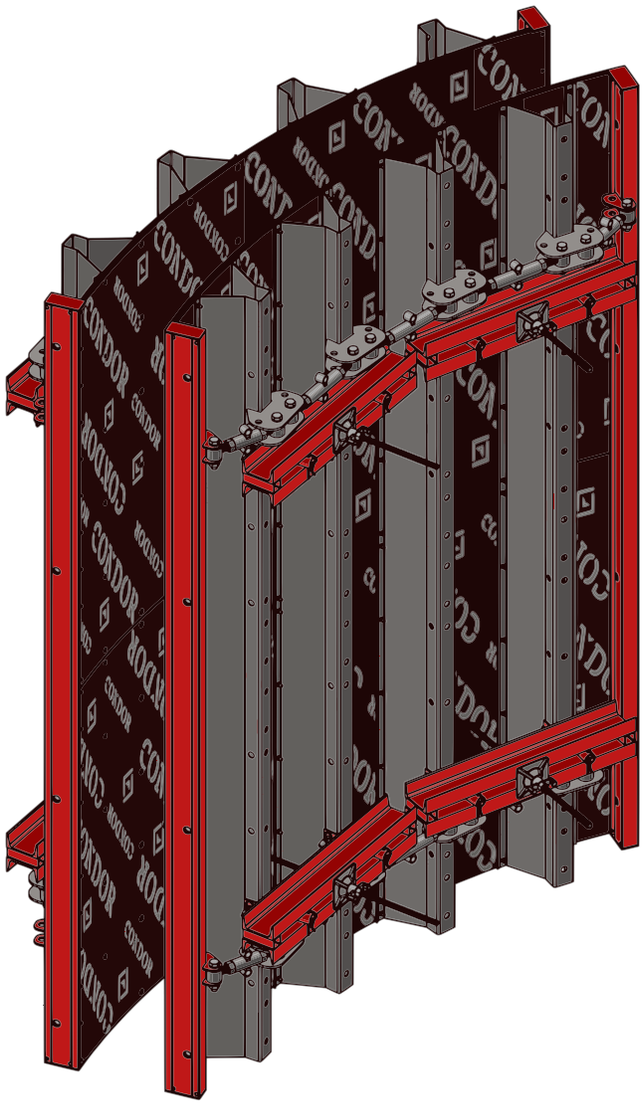
The versatile and easily adjustable formwork allowing the casting of curvilinear, closed or semicircular walls with a variable radius starting from 2.50m.

Characteristics of the system are:

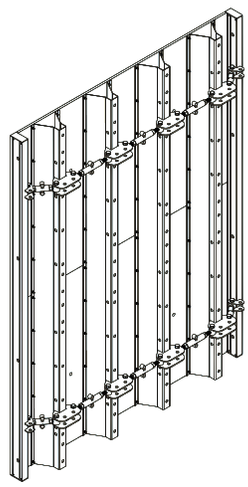
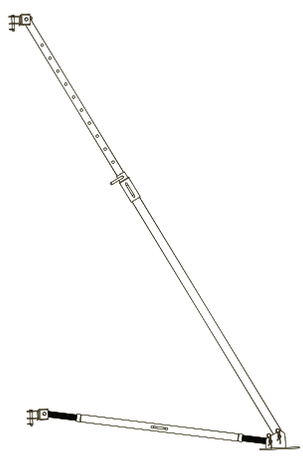
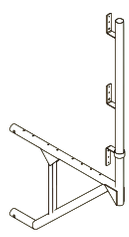
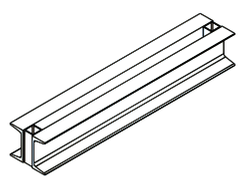
- The lightweight frame with shaped vertical tinplates and a 12cm side profile guarantees the support of the curving spindles, the coupling with all the Condor vertical formworks and a casting pressure equal to 60kN / sqm;
- Easy adjustment of the radius obtained acting directly on the spindles, without any modification to the panel or use of any specific equipment;
- Quick check of the correct radii adjustment made thanks to the use of the templates supplied;
- Full modularity of the system, thanks to easy coupling of the panels both horizontally and vertically;
- Compatibility with all Condor accessories for plumbing and casting, in compliance with safety standards;
- Flexibility of use in case of multiple works with different radii.

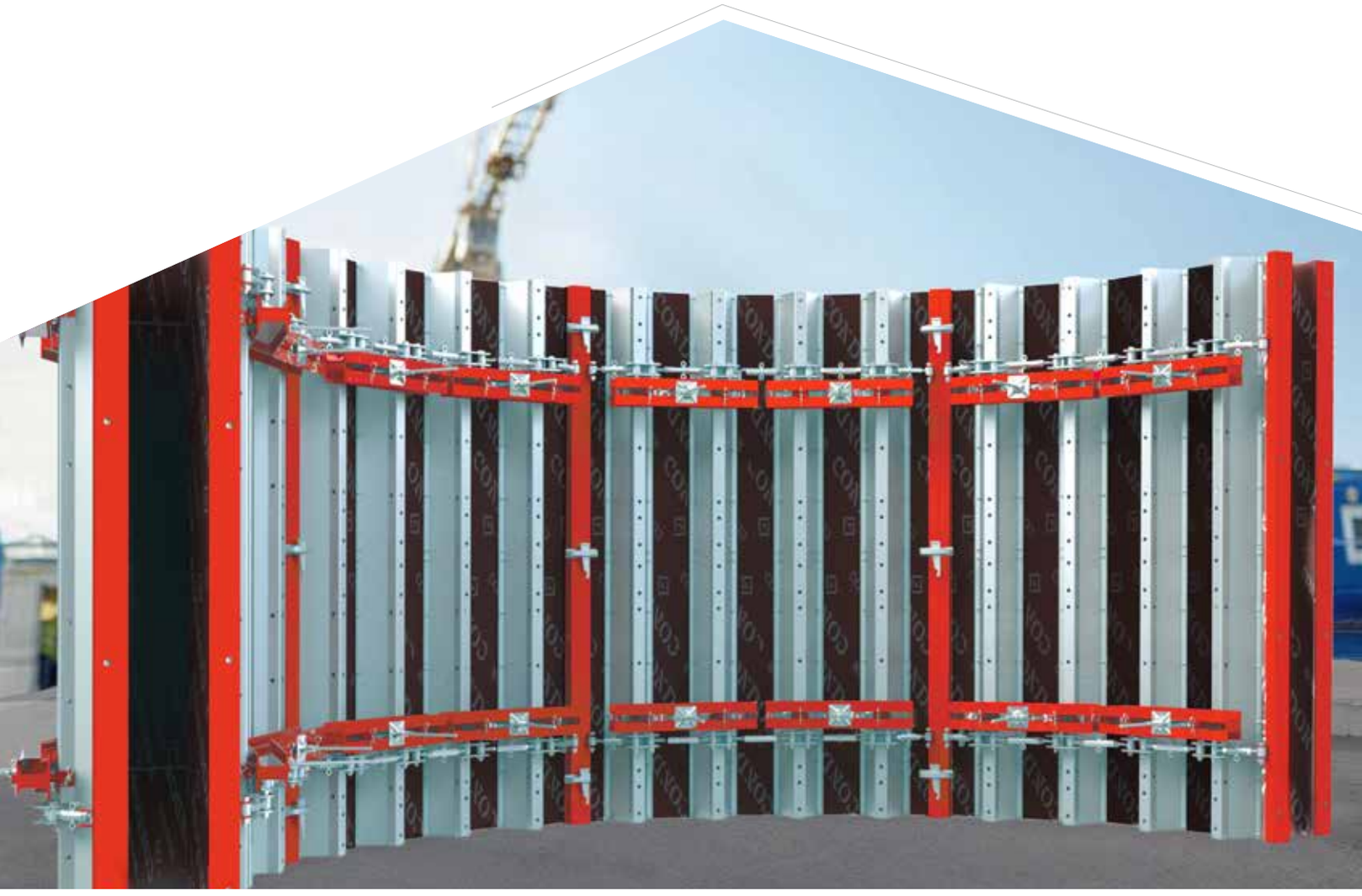
The System

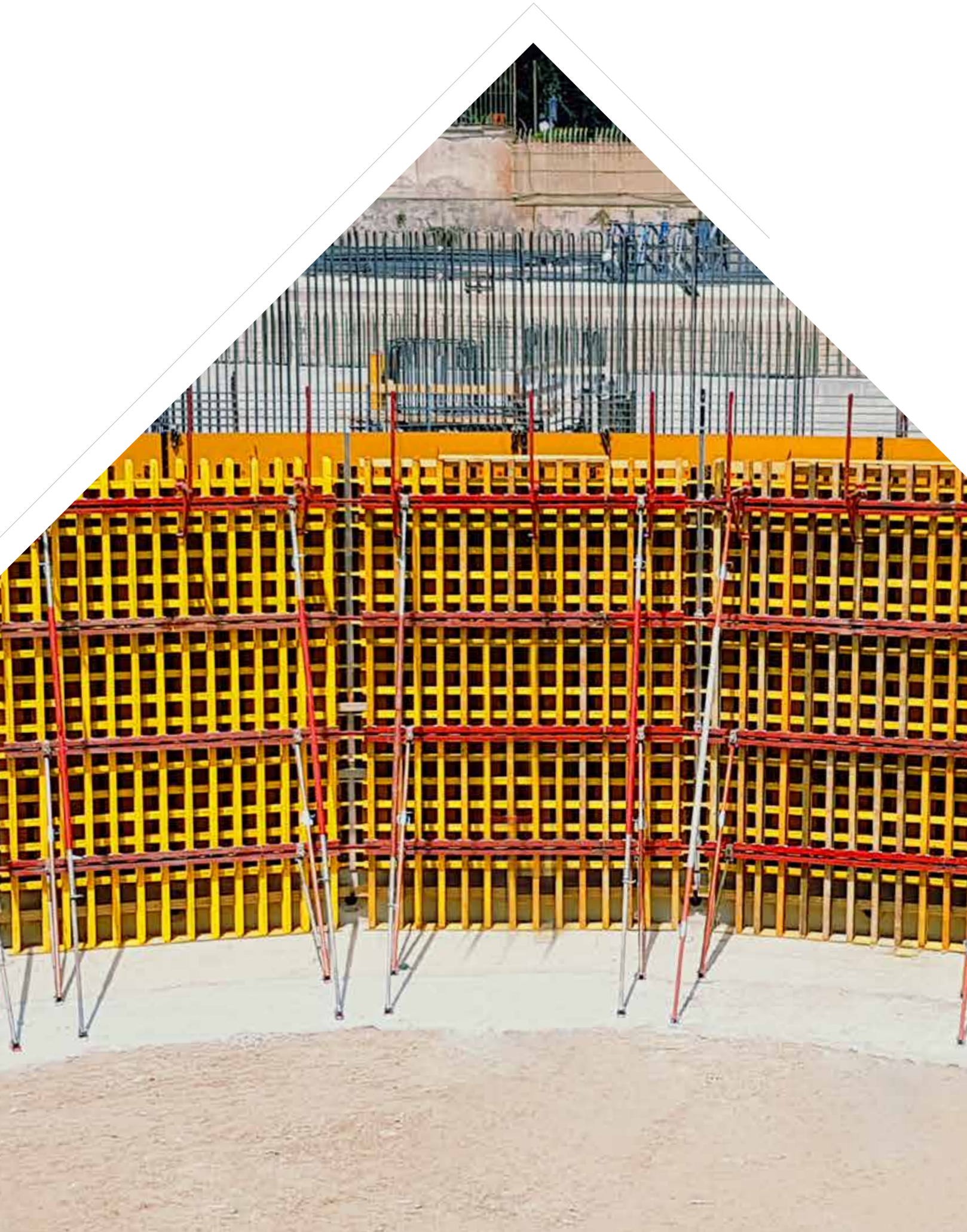
The system is composed by a 12cm profile panels with a vertical metal frame and an 18mm phenolic plywood and the spindles to vary the radius, starting from 2.50m.
The panels are supplied straight and then adjusted on site with extreme simplicity, acting on the bending spindles, with no need for specific equipments and thanks to the easy verification of the settings through the templates supplied. The use of the O-ROUND Formwork avoids the economic burden deriving from the use of special tailored formworks, being the system adaptable to circular walls of variable geometry and radii.
The system can be combined horizontally and vertically, preserving the same typological and constructive characteristics of the other Condor frame formwork systems.
The use of the same accessories ensures full compatibility among different systems.



Components

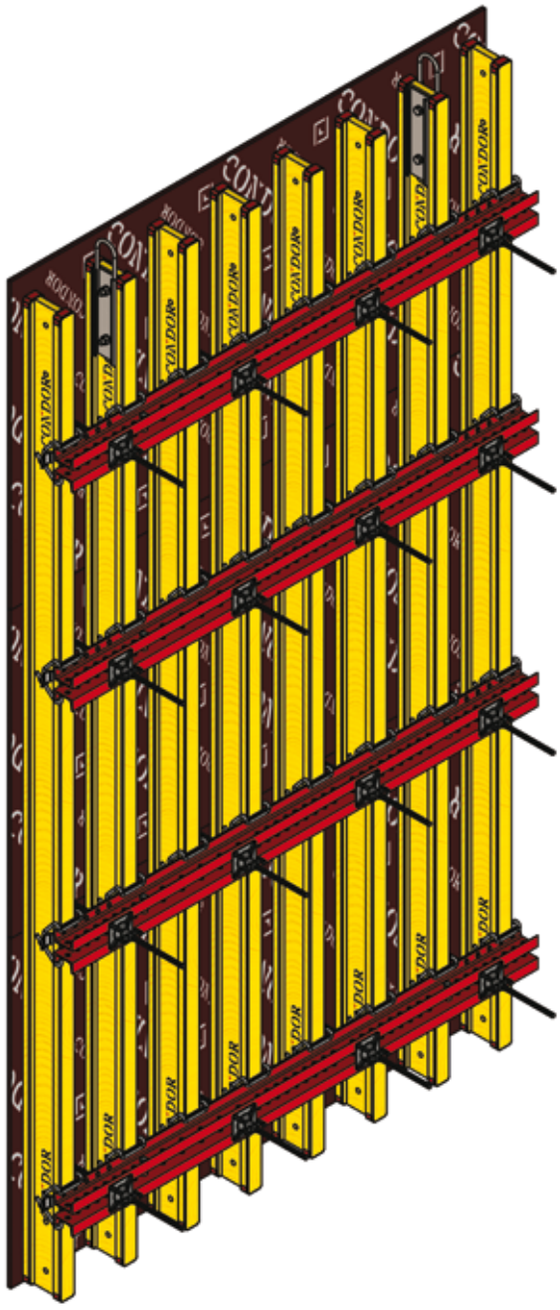
ART.	DIM(cm)	WEIGHT (Kg)	
O-ROUND PANEL EXTERNAL			
25200	225 x 300cm	396	
25202	120 x 300cm	225	
25204	225x 150cm	229	
25206	120 x 150cm	130	
INTERNAL			
25201	215 x 300cm	391	
25203	115 x 300cm	223	
25205	215 x 150cm	226	
25207	115 x 150cm	129	
ADJUSTABLE PLUMBING PROP			
BTS1-SC210			
15060	210 ÷ 360	30,7	
BTS2-SC210			
15061	240 ÷ 420	34,3	
SC210			
15064	110 ÷ 210	26,5	
2BTS1 e est. SC750			
15062	465 ÷ 7,65	72	
2BTS2 e est. SC750			
15063	525 ÷ 8,85	79,2	
UNIVERSAL SERVICE BRACKET		13,3	
19043			
Assembly accessories:			
ADAPTER		1,7	
25226			
TIE ROD WALER			
25220		23	





Beam Flex

Steel waler system which is combinable and adjustable to any design, perfect when the concrete finishing is required fair-faced.



The characteristics of the system are:

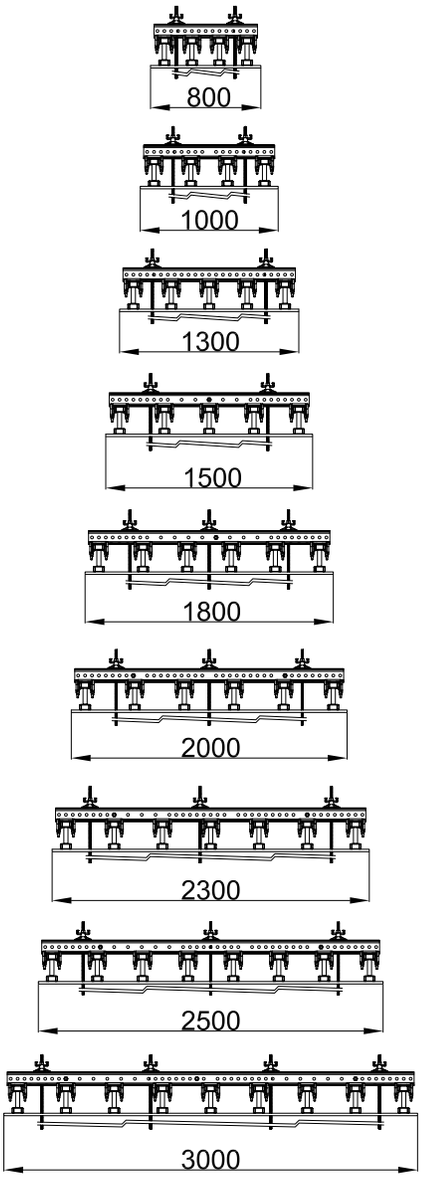
- System designed for big sized panels reducing tie rods in the casting;
- Variable sizes of modules according to the construction site's needs;
- Customized pre-assembling depending on the concrete pressure;
- Possibility of choosing the plywood in contact with concrete depending on the required quality of finishing and on the number of reuses in the construction site;
- Perfect connection of elements;
- Wide range of service and safety accessories;
- Customized solutions for bridges, tunnels, and special structures.

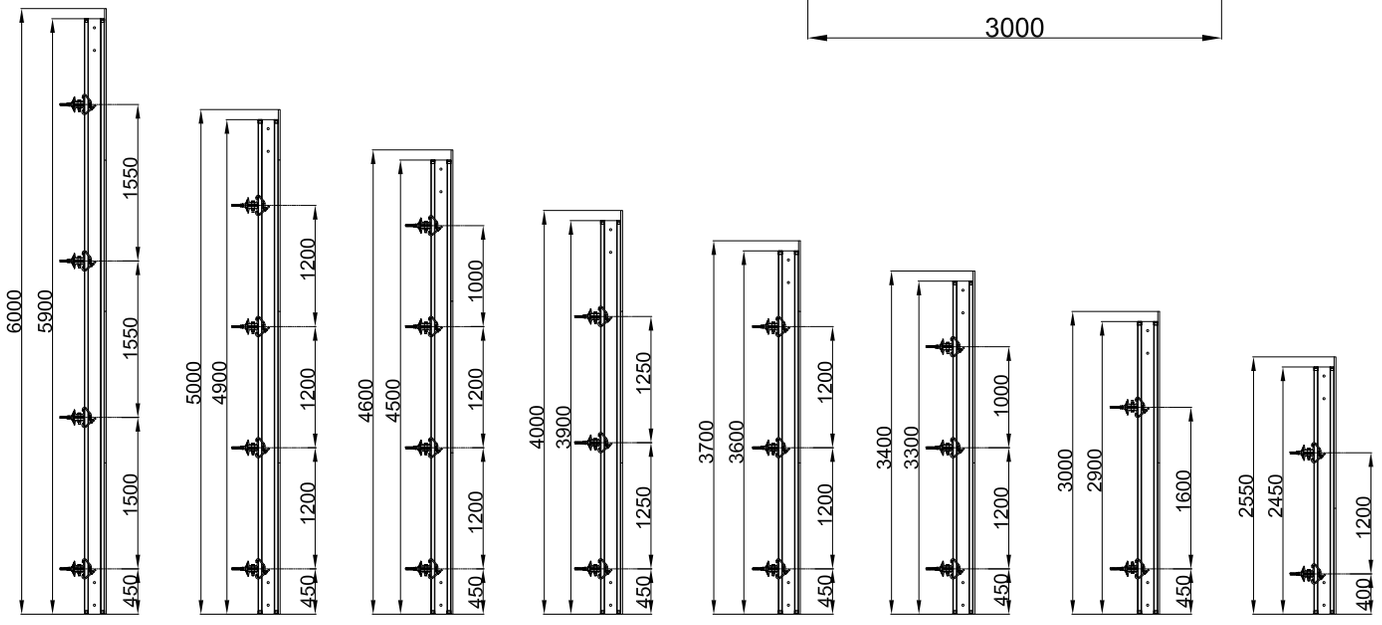
The System

Beam Flex system is a modular formwork system consisting of SH20 wooden beams, steel walers and plywood sheets.

Beam Flex formwork is adaptable to any design need. This type of formwork is particularly suitable in cases of special concrete finishing (the so called “fair-faced casting”) and extremely refined curved shapes. Thanks to its ability to adapt to any configuration, high casting pressure can be absorbed, such as the case of self-compacting concrete (SCC), more and more required in big construction sites.

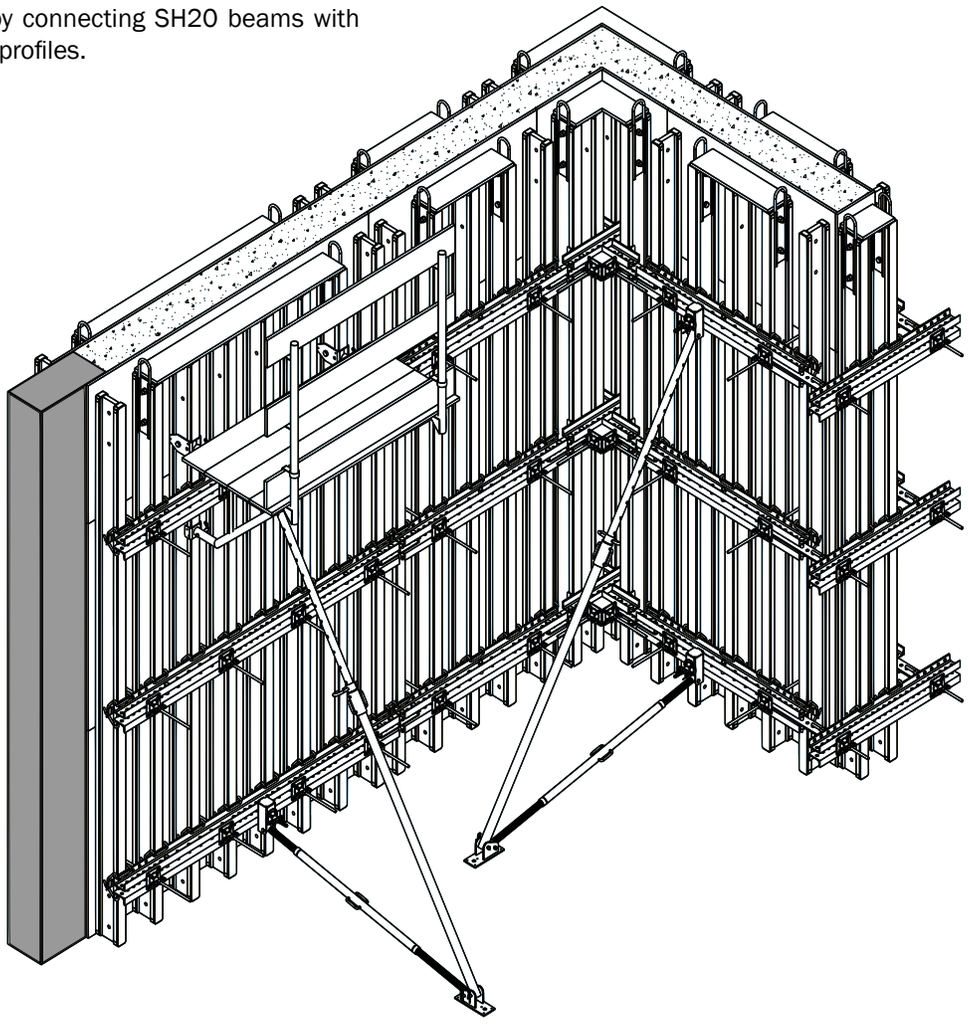
The combination of this universal system with CONDOR MULTICOM or TC80 shoring tower, expands the fields of application to the sector of infrastructures (bridges, viaducts, tunnels, special structures, etc.).





WALLS

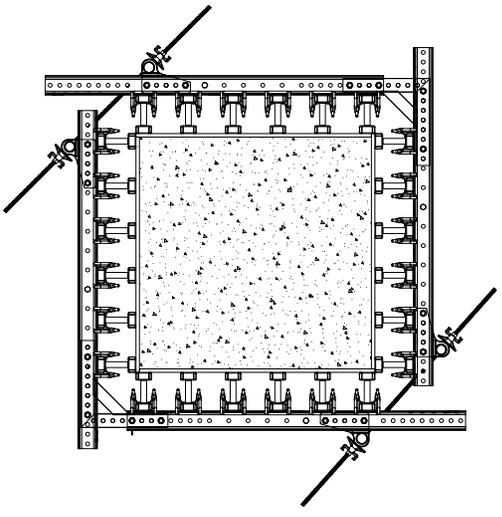
The Beam Flex formwork system allows the realization of panels with high capacity and moderate weight.
With different available heights, 2.50 to 6.00 m high walls (with standard walers) can be built and even higher ones by combining several elements.
Corners and casting closures are made with standard elements so that the system is simpler and faster. Walls higher than 6.00 m are made by connecting SH20 beams with connection profiles.



COLUMNS

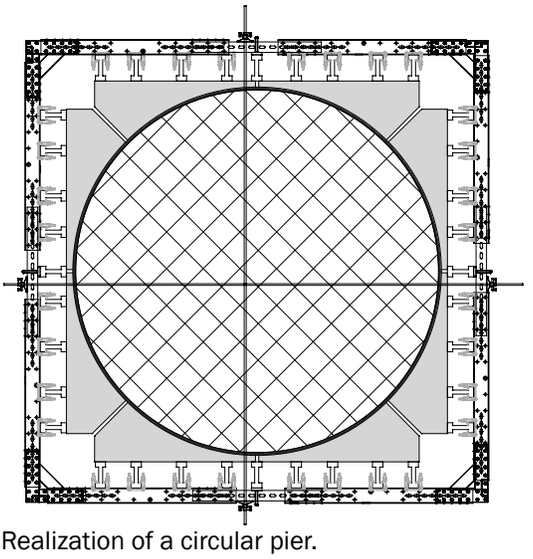
Beam Flex formwork can be used to cast columns of any shape and size.
The system is made up of pre-assembled modules that can be installed with few fixing accessories.

The system modularity allows the creation of anchorless columns (up to 120 cm x 120 cm), thanks to 90° column strips. The phenolic plywood ensures excellent finishing of concrete surfaces.

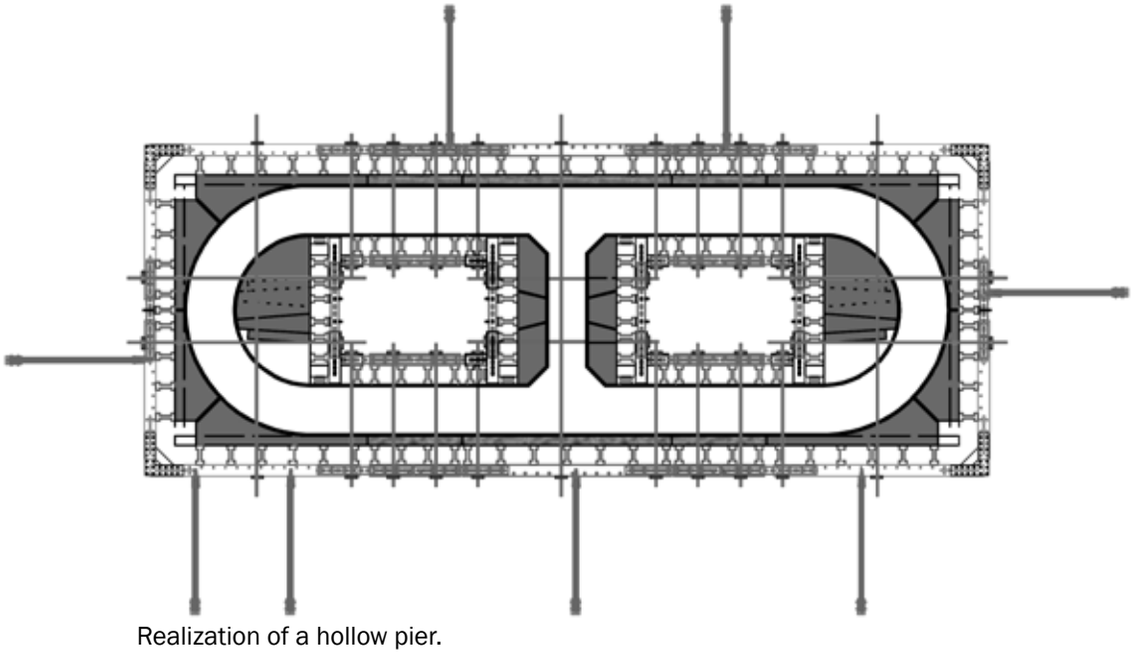


SPECIAL APPLICATIONS

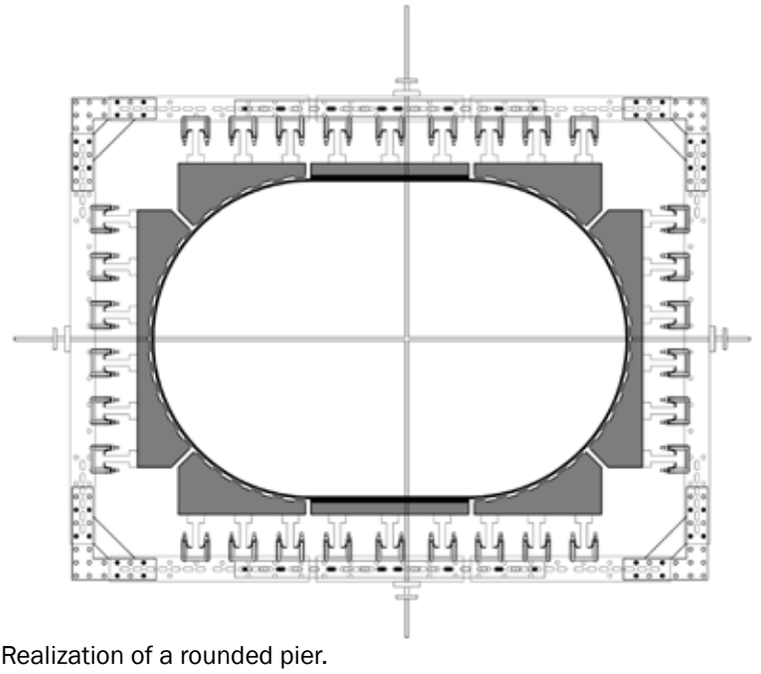
Beam Flex steel waler formwork is suitable for forming any type of particular surface (straight, curved and inclined).
Indeed, by interposing wooden shapes between wooden beams and the plywood in contact with the concrete, the system can be adapted to any type of shape with several types of concrete finishing.



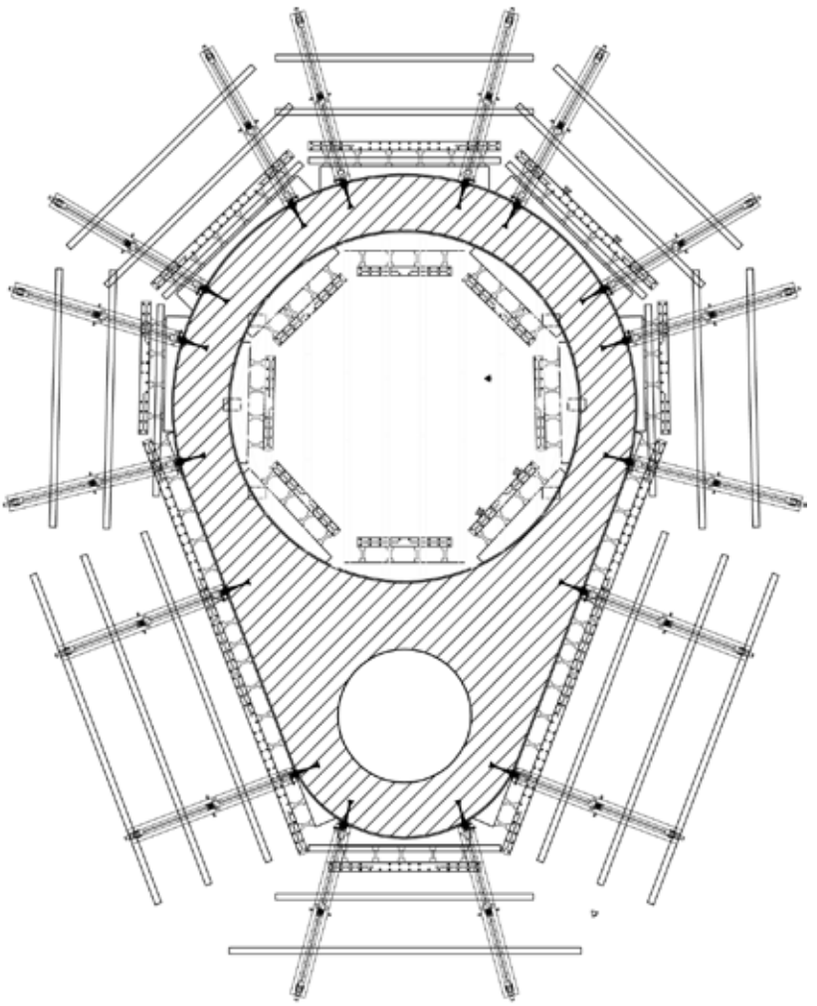
Realization of a circular pier.



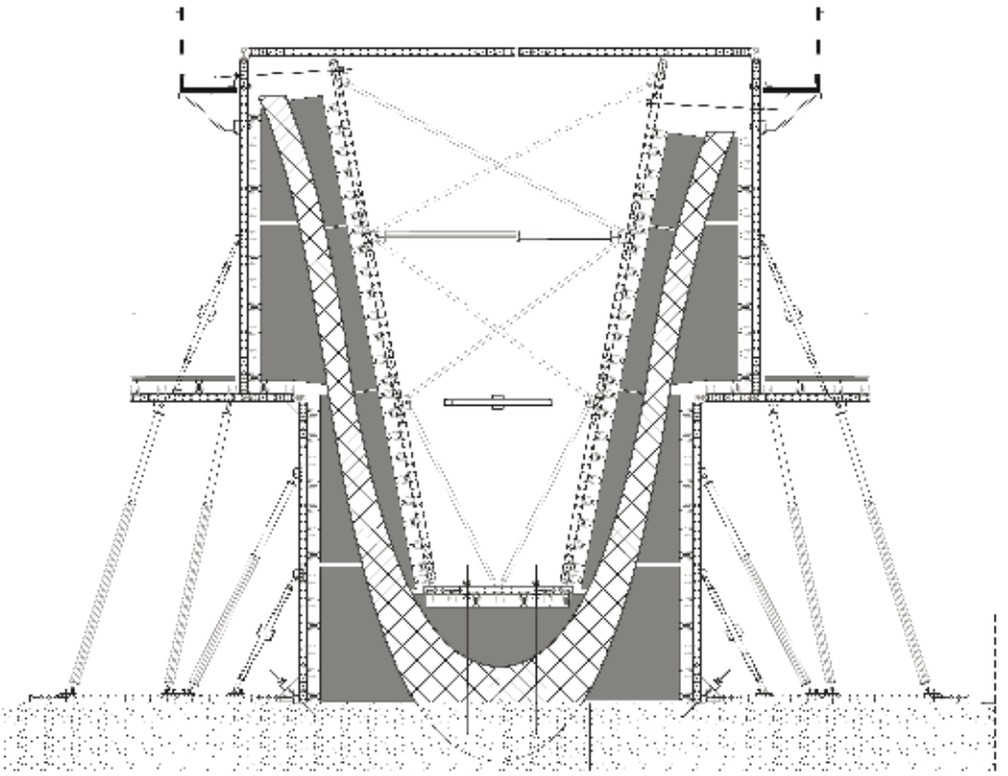
Realization of a hollow pier.



Realization of a rounded pier.

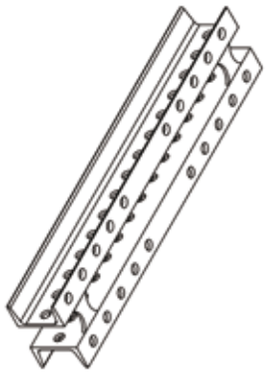
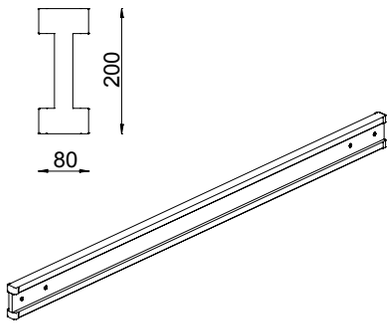
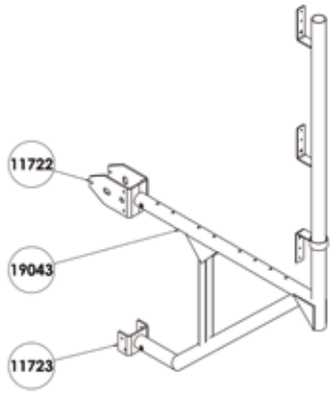
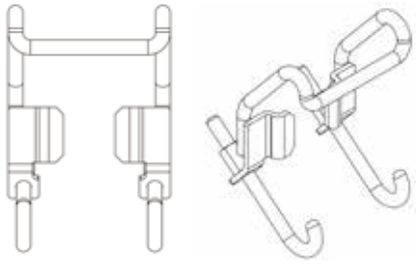


Realization of a piezometric tower.

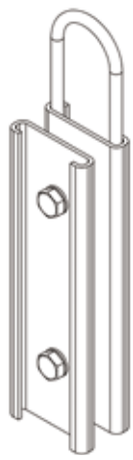
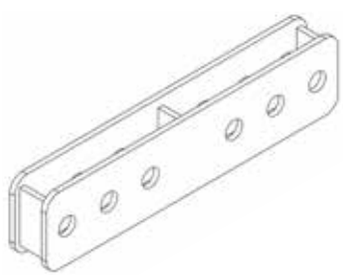


Realization of a shoring structures supporting viaduct.

Components

ART.	DIM(cm)	WEIGHT (Kg)	
BEAM SW100			
11800	75cm	15,4	
11801	95cm	19,5	
11802	125cm	25,8	
11803	145cm	30,6	
11804	175cm	36,9	
11805	195cm	42	
11806	225cm	47,8	
11807	245cm	52	
11808	295cm	63	
SH20 WOODEN BEAMS			
20039	145cm	7,3	
20048	190cm	9,5	
20050	215cm	10,8	
20040	245cm	12,3	
20049	265cm	13,3	
20041	290cm	14,5	
20042	330cm	16,5	
20043	360cm	18	
20044	390cm	19,5	
20045	450cm	22,5	
20046	490cm	24,5	
20047	590cm	29,5	
UNIVERSAL SERVICE BRACKET 19043		13,3	
Assembly accessories			
n.1 HIGHER BRACKET COUPLING 11722		2,5	
and			
n.1 LOWER BRACKET COUPLING 11723		1	
OMNI FLANGED CLAMP 11717		1	

Components

ART.	DIM(cm)	WEIGHT (Kg)	
OMNI LIFTING BRACKET 11718 with n.2 bolts M20x80cm + n.2 washer nuts		6,7	
ADJUSTABLE PLUMBING PROP BTS2-SC210 15061	240 ÷ 420 7	34,3	
SW100 CONNECTION 11820		2,4	
SW100 PIN 11827		0,7	

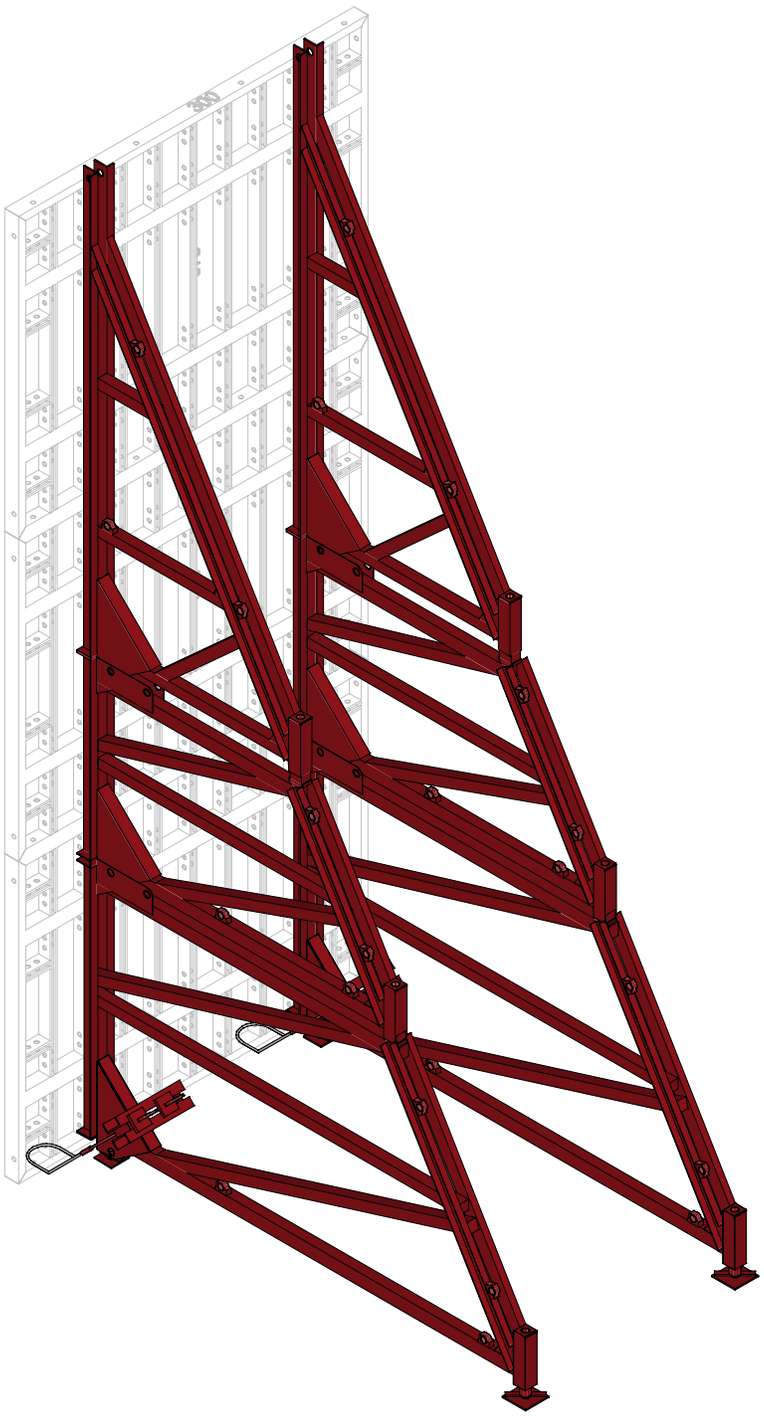

CONDOR

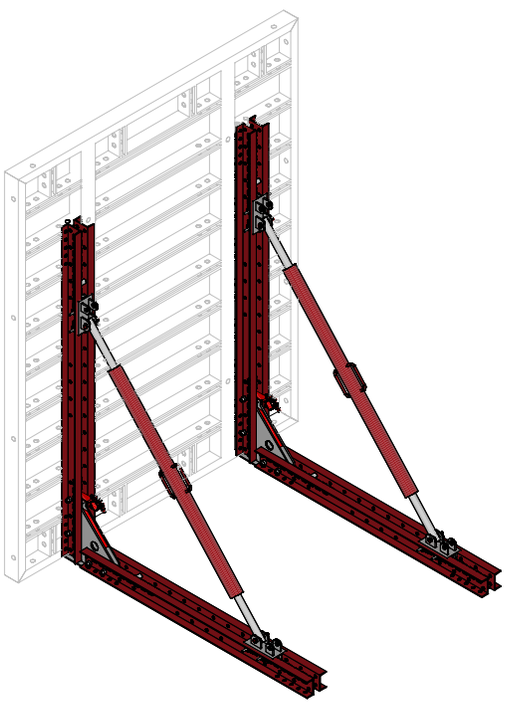
Earth-retaining system

For single-face castings are available different type of earth retaining system compatible with all CONDOR formwork systems.

The characteristics of the system are:

- Possibility to choose between the light OMNI system and the stronger MF system, depending on the wall height;
- Suitable for high single-face castings (the so called climbing bracket);
- Full compatibility with all CONDOR formwork systems with simple combinations;
- Safety accessories for all work phases;
- Possibility of using this system also as horizontal support platform, for supporting cantilever concrete works, such as pier cap.





The System

For the design of single-face walls, CONDOR offers a series of support equipment called EARTH-RETAINING.
Depending on the wall height, two systems are available:

- OMNI Earth-retaining system
- MF Earth-retaining system

These systems are compatible with all wall formwork produced by CONDOR.

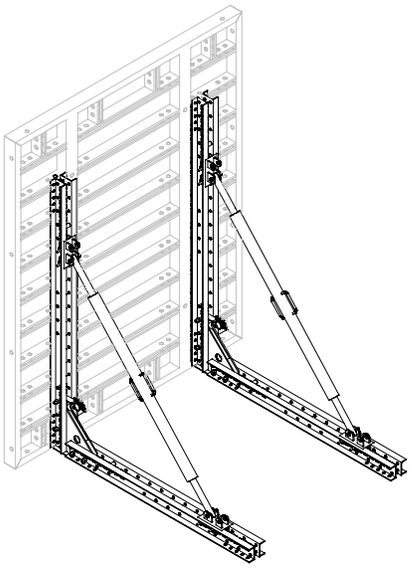
The concrete pressure is transferred by the formwork to the steel support structures of the single-face system.

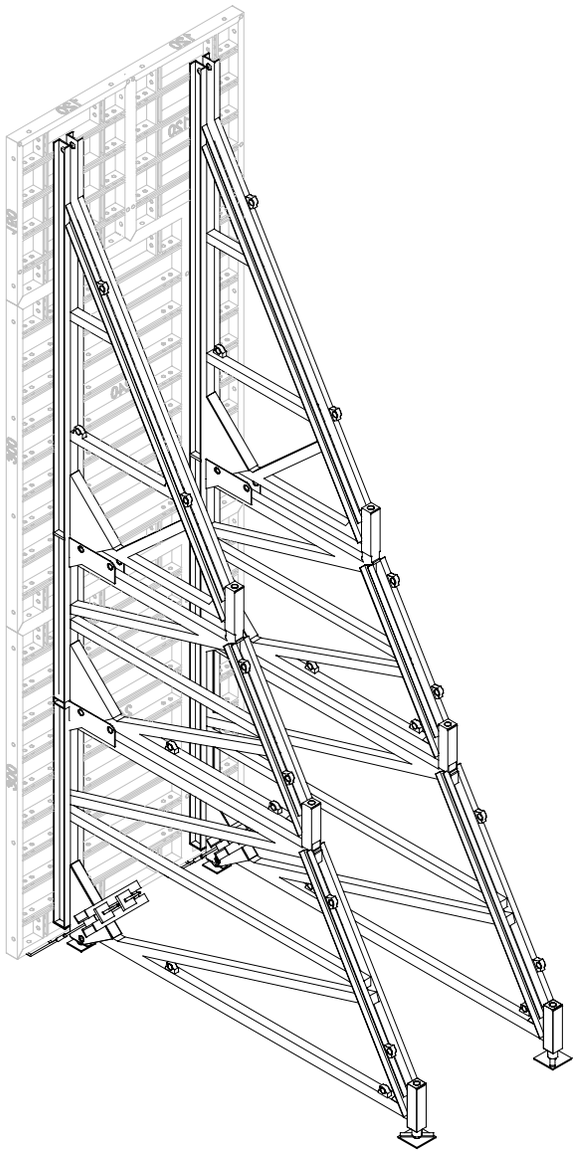
The structure is firmly anchored to the ground through anchoring bars 45° deeply embedded in the wall foundation.

There are several types of anchoring depending on the tension exercised on the ground anchoring point. Anchoring systems can be realized with DW15, DW20 and DW26 tie rods.

There are two anchoring points so that the tension is distributed on the two tie rods.

For anchoring tie rods dimensions, please consult the technical instructions.



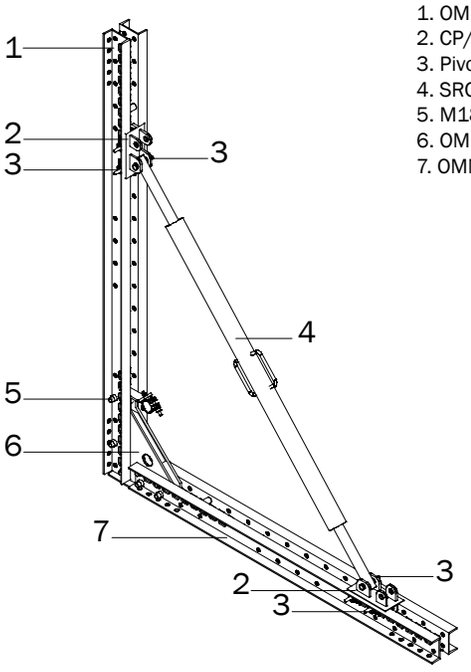


OMNI Earth-retaining system

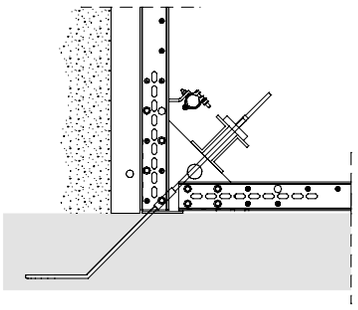
OMNI Earth-retaining system can be used for casting single-face walls up to a maximum height of 4.50 m.

OMNI system is a simple way to create, by combining normal steel walers with accessory elements, structures to support formwork panels (both frame and waler formwork).

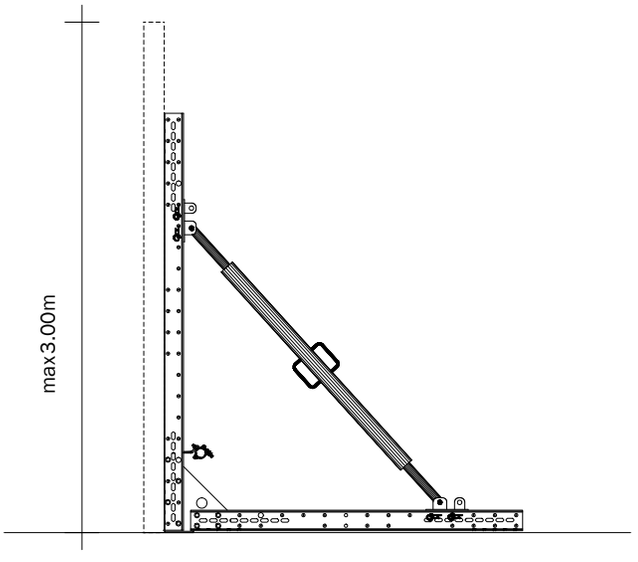
The system is made up of few elements, all of which can be handly moved on the construction site.

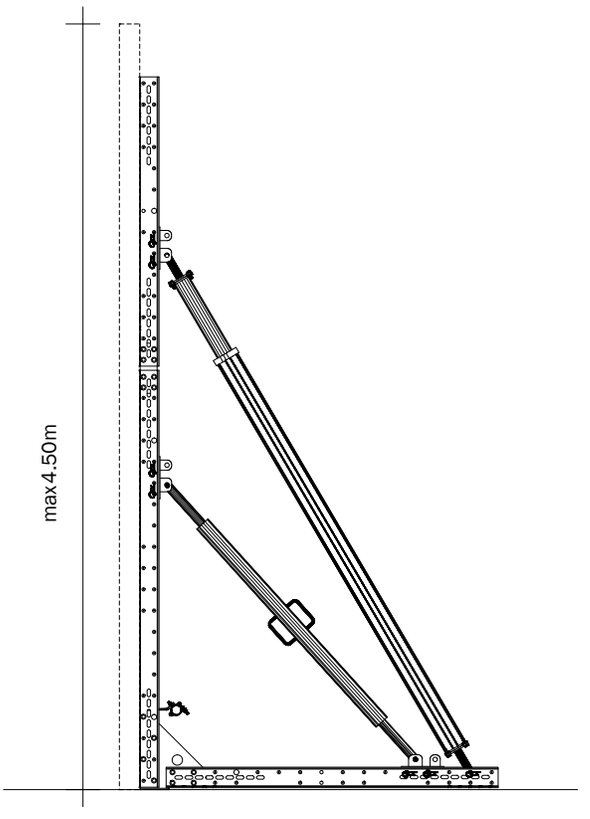


1. OMNI Waler SA 245
2. CP/OM Connector
3. Pivot with pin
4. SRC-240 Adjusting prop
5. M18 bolt and nut
6. OMNI Anchoring plate
7. OMNI Waler SA 195



Anchoring system with DW tie rods.



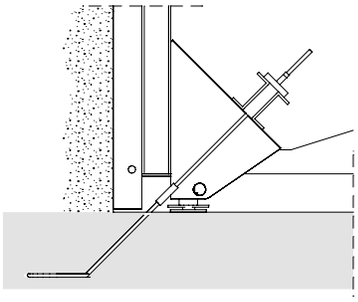


MF Earth-retaining system

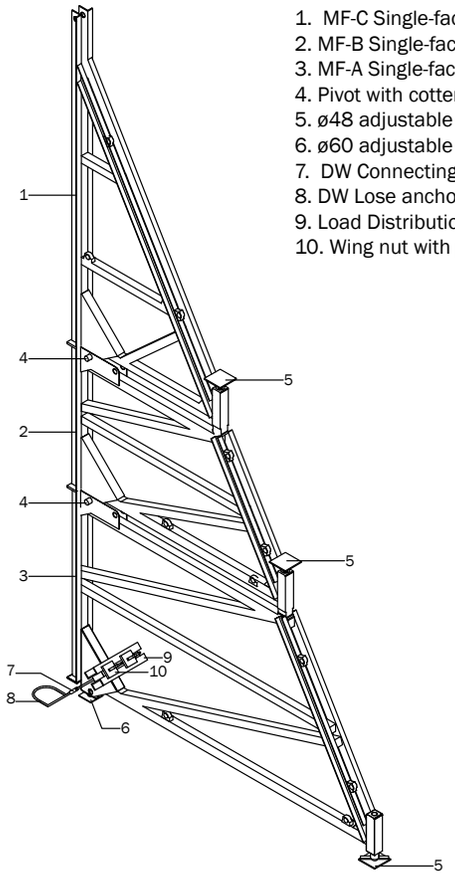
MF Earth-retaining system can be used for casting single-face walls up to a maximum height of 8.40 m.

The earth-retaining system is made up of 3 elements (A - B – C), and can be assembled in different combinations: A+B; B+C; A+B+C.

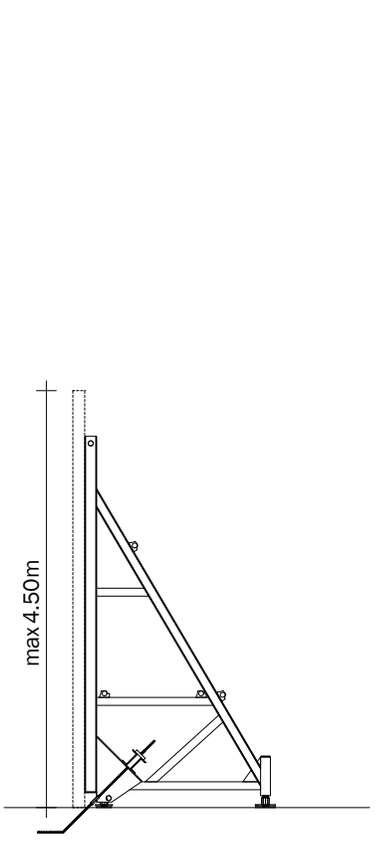
Elements connect to each other and to panels with anchoring accessories.

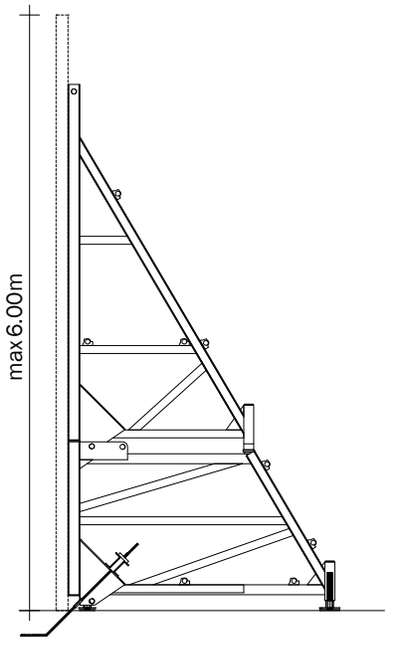


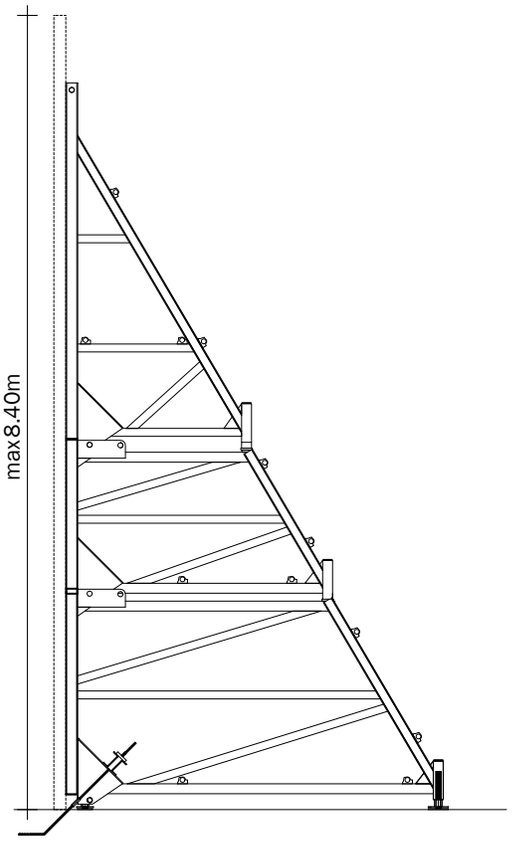
Anchoring system with DW tie rods.



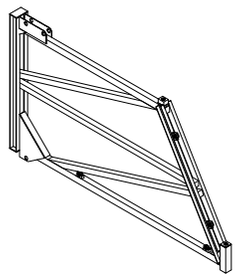
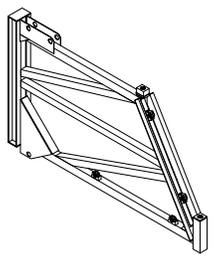
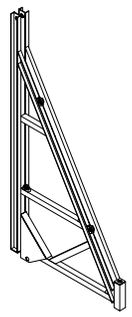
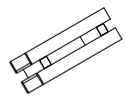
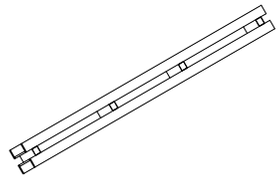
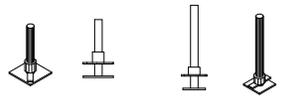
1. MF-C Single-face
2. MF-B Single-face
3. MF-A Single-face
4. Pivot with cotter pin
5. ø48 adjustable base
6. ø60 adjustable base
7. DW Connecting sleeve
8. DW Lose anchoring
9. Load Distribution ledger
10. Wing nut with plate



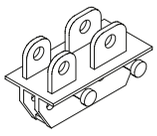
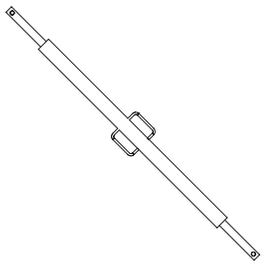
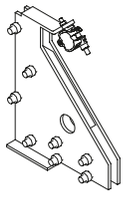
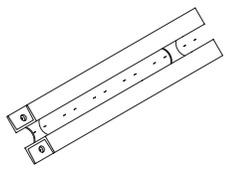
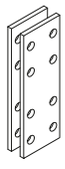




Components

ART.	DIM(cm)	WEIGHT (Kg)	
SINGLE-FACE MF-A 17100		328,9	
SINGLE-FACE MF-B 17101		254,9	
SINGLE-FACE MF-C 17102		273,9	
MF SYSTEM DISTRIBUTION LEDGER 55 17103		22,1	
MF SYSTEM DISTRIBUTION LEDGER 255 17104		87,6	
MF ADJUSTABLE BASE PLATE Ø60x9 - 385 17110		6,8	
MF ADJUSTABLE BASE PLATE Ø48x6 - 560 17111		5,6	17110 17111

Components

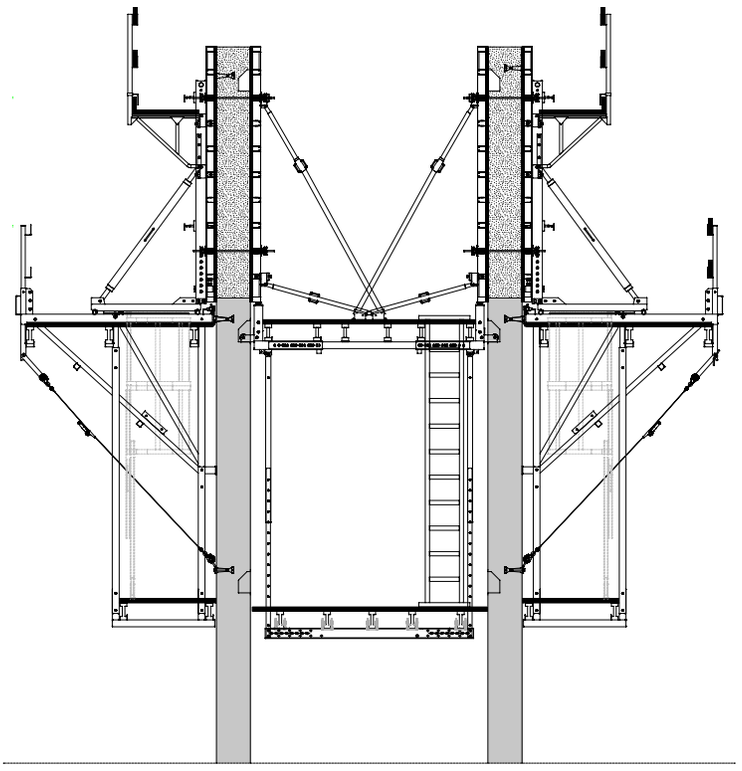
ART.	DIM(cm)	**WEIGHT** (Kg)	
OMNI SA			
11703	145cm	37,7	
11707	245cm	64,6	
11708	295cm	76,6	
CP/OM CONNECTOR			
11755		5,6	
ADJUSTABLE PLUMBING PROP SRC-240			
31405		38,5	
ANCHORAGE PLATE			
11740		20,3	
TIE ROD CONNECTION ELEMENT			
17002		7,8	
8 HOLES JUNCTION			
11743		6,8	

Climbing System

Compatible with all CONDOR formwork system, the climbing system enables vertical construction joints to be realized in succession. Brackets and platform allow the operators to work in safety. The syystem provide the simultaneous handling of formwork and working platforms, firmly connected each other, ensuring a significant reduction of the building construction time.

The characteristics of the system are:

- Easy handling of the system linked to formwork;
- Suitable also for single-face concrete casting thank to sideshift system;
- Easy and quick forming and stripping operation due to sideshift system;
- Walking platform designed to work easily and safety;
- Brackets, wooden beams and decks preassembled and directly used on construction site;
- Load of the structure and live loads(due to movement and to the wind action) are transfered to the building by the anchorage system.



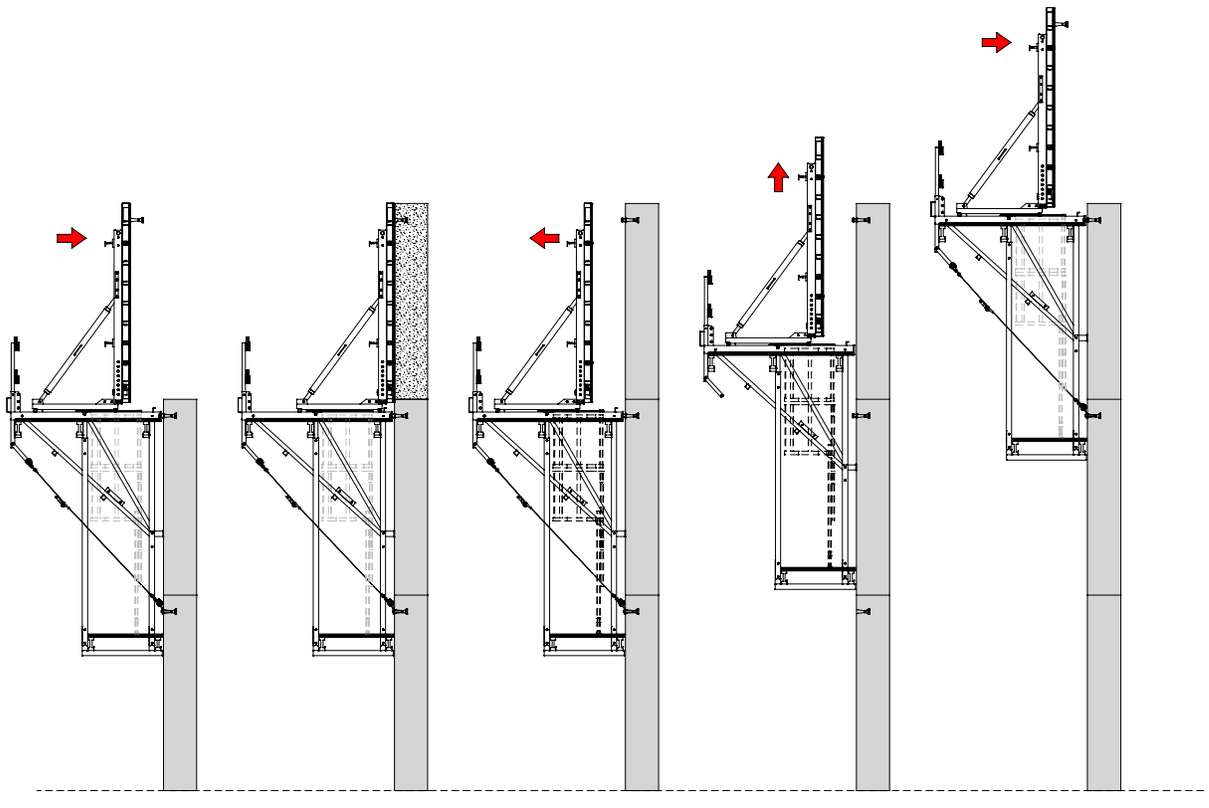
SRC-240

SRC-240 climbing system is a supporting system for multiple castings in vertical and represents a cheap, fast and safe alternative to shoring towers when structures are significantly high.

It is made up of brackets connected to supports anchored in the casting and perpendicular wooden SH20 beams on which the walking platform is fixed.

The system is compatible with all CONDOR formwork: SRC-240 system, combined with the sideshift structure, allows easy formwork stripping, faster working phases and the lifting of the whole assembled unit with a single crane lift.

The lower deck is a necessary working platform for safe recovery of accessories used in the previous phase.

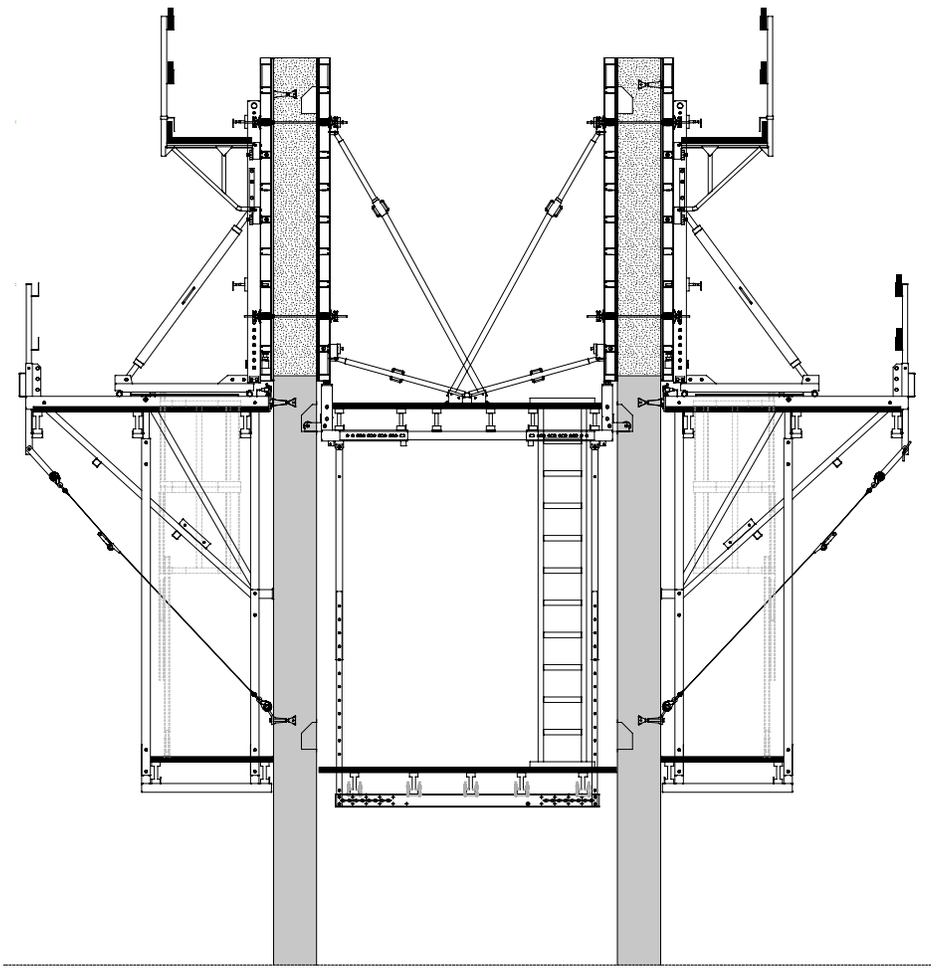


Internal climbing platform

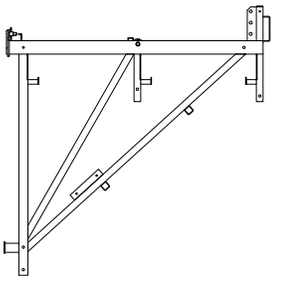
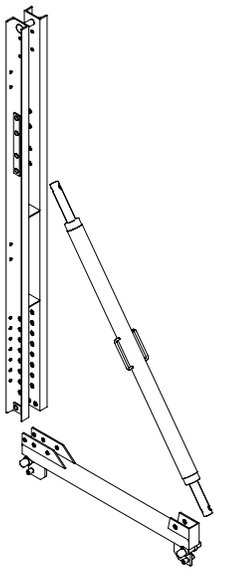
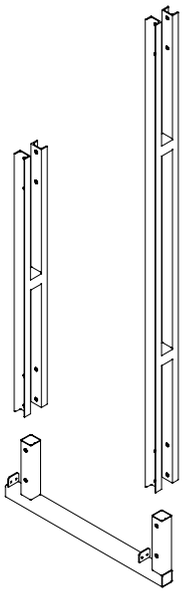
Platforms are made up of primary telescopic beams (adjustable to several lengths) and wooden SH20 beams placed orthogonally on which the walking surface is fixed.

They are used inside rectangular/circular closed shafts and allow the support of formwork for wall castings. At their extremities, telescopic profiles have hinged sling-bars located inside specific slots in the walls.

Due to the automatic closing mechanism closed during the lifting phase, platforms are moved with a single crane lift together with formwork up to the next level, where sling-bars automatically re-open when reached the slots prepared in the previous phase.

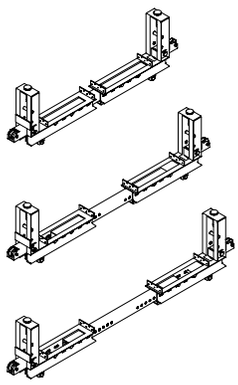


Components

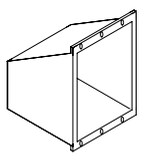
ART.	DIM(cm)	WEIGHT (Kg)	
SRC-240 BRACKET 31400		156	
1. SRC-240 TROLLEY 31401		25	
2. FORMWORK SUPPORT STANDARD 31403		72,7	
3. SRC-240 ADJUSTING PROP 31405		38,5	
1. SRC-240 UNDERBRIDGE INFERIOR WALKWAY 31410		18	
2. UNDERBRIDGE PARAPET STANDARD 31411 31414	 300cm 450cm	 62,5 80,5	
3. UNDERBRIDGE ANTERIOR STANDARD 31413 31412	 300cm 450cm	 30,5 55	

Components

ART.	DIM(cm)	WEIGHT (Kg)	
INTERNAL PLATFORM BEAM			
31081	150-195	106	
31082	200-245	126	
31083	250-295	153	
31084	300-345	178	
31085	350-395	203	
31086	400-445	228	
31087	450-495	297	



RECESSED BOX WEDGE DECK			
31090		2,5	




Pioianti
IVECO
420
IVECO

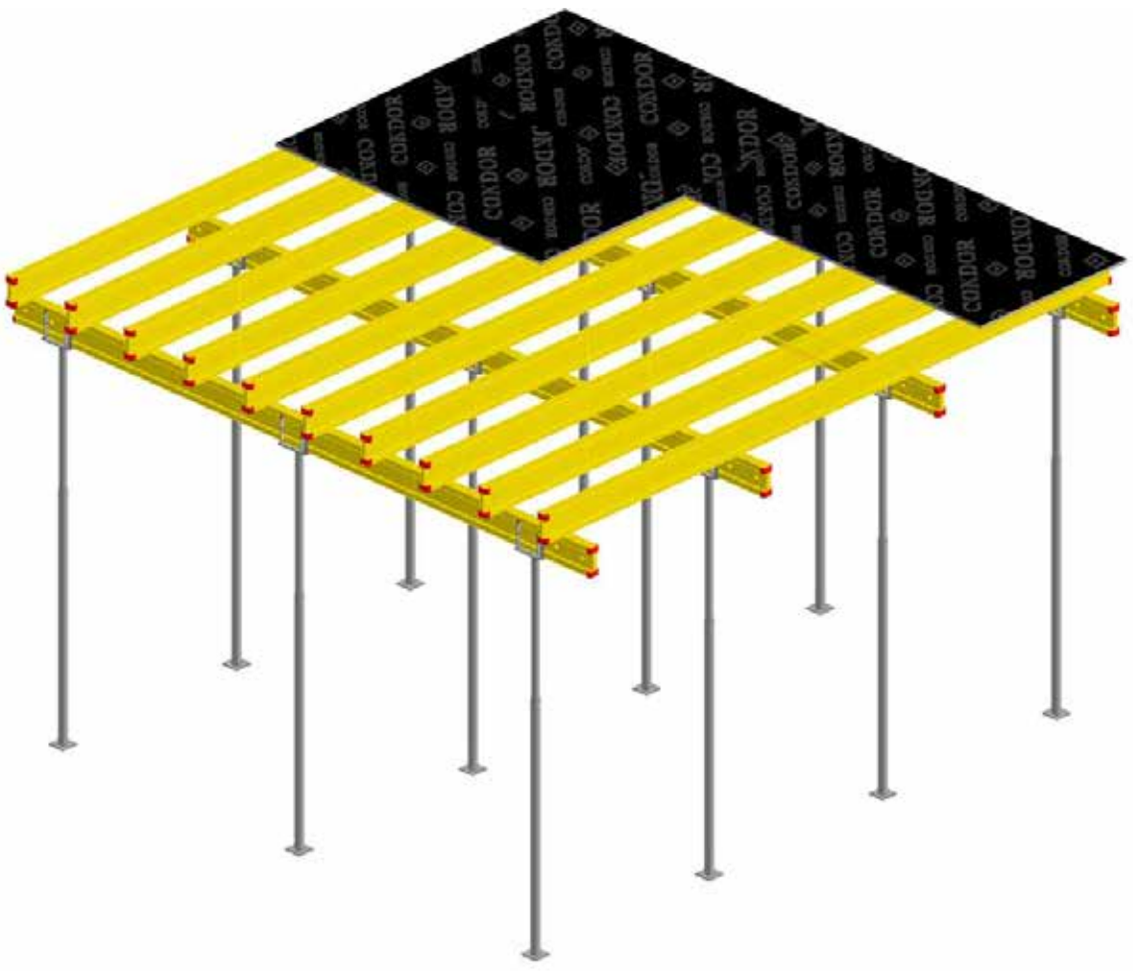
Formwork for horizontal structures

20Flex

The system for slabs which can be adapted to any shape, thickness and height.

The characteristics of the system are:

- Free mounting scheme;
- Cost effectiveness;
- Adaptability to any layout and slab thickness;
- Low number of elements;
- Possibility of choosing the wood sheet depending on the required quality of finishing.

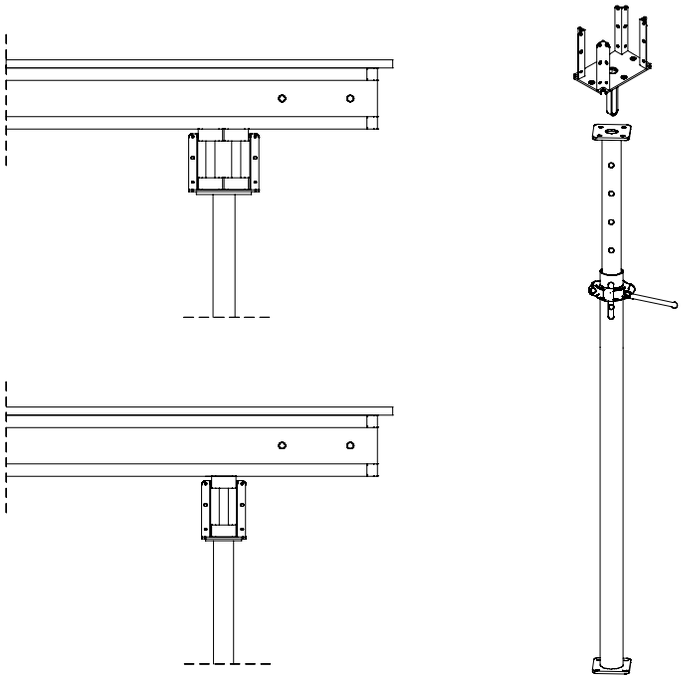


The System

20FLEX is the perfect solution for any construction site with moderate costs. It is made up of props, heads and wooden beams on which 3-ply wooden panels (three-layers yellow panels) or plywood sheet are fixed, depending on the required concrete quality finishing.

20FLEX is a free scheme system. It can be adapted to any floor layout thanks to the telescopic regulation of wooden beams, to any thickness optimizing the distance between props and to any height thank to the wide range of available props.

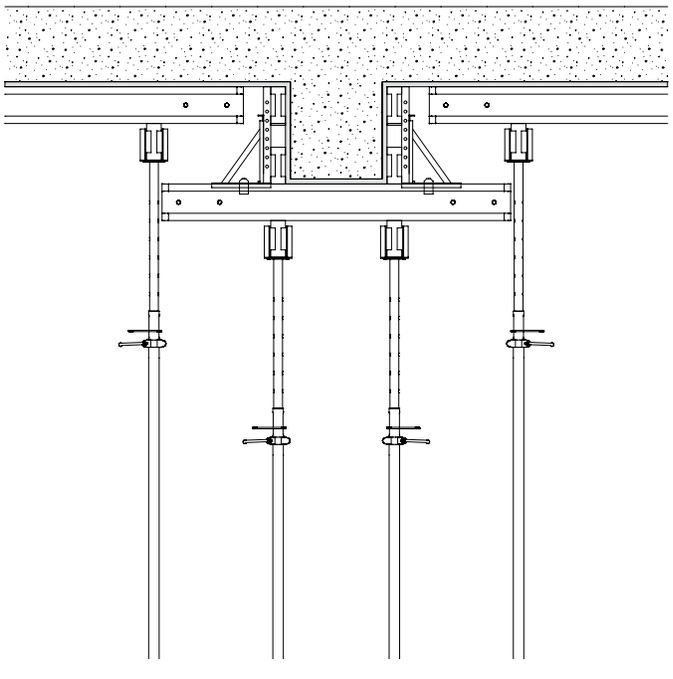
It represents the most convenient solution, considering low cost components which can be used several times.



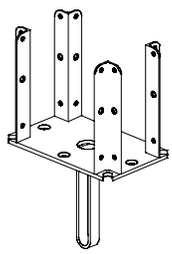
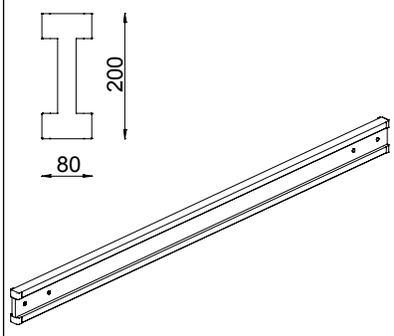
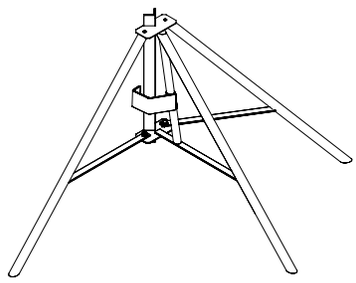
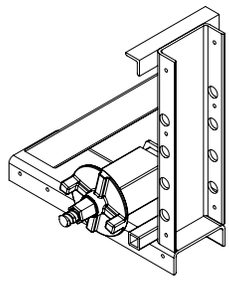
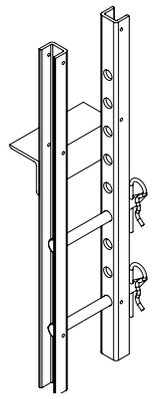
DOWNSTAND BEAM

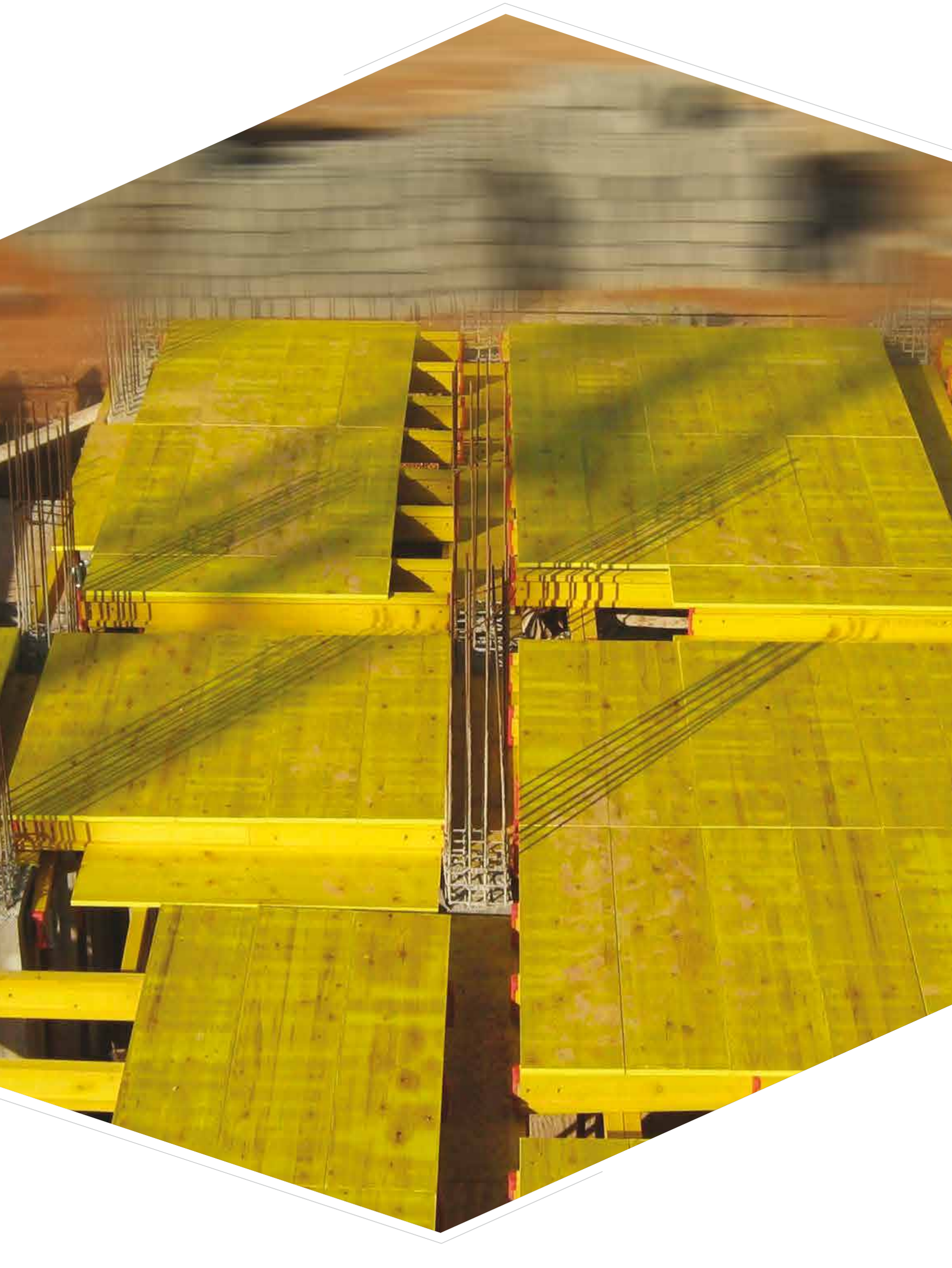
The support for lowered beam is an accessory suitable for making lateral formwork of beams without connection tie rods, side support and casting closures up to 40 cm of height.

For higher cases the extension and tie rods shall be added.



Components

ART.	DIM(cm)	WEIGHT (Kg)	
GALVANIZED CROSSHEAD 49006		3	
SH20 WOODEN BEAMS			
20039	145cm	7,3	
20048	190cm	9,5	
20050	215cm	10,8	
20040	245cm	12,3	
20049	265cm	13,3	
20041	290cm	14,5	
20042	330cm	16,5	
20043	360cm	18	
20044	390cm	19,5	
20045	450cm	22,5	
20046	490cm	24,5	
20047	590cm	29,5	
TRIPOD 49005		8,6	
SUPPORT DOWNSTAND BEAM 20005		5,8	
EXTENSION FOR SUPPORT DOWNSTAND BEAM 20005		3,7	




08 - 301

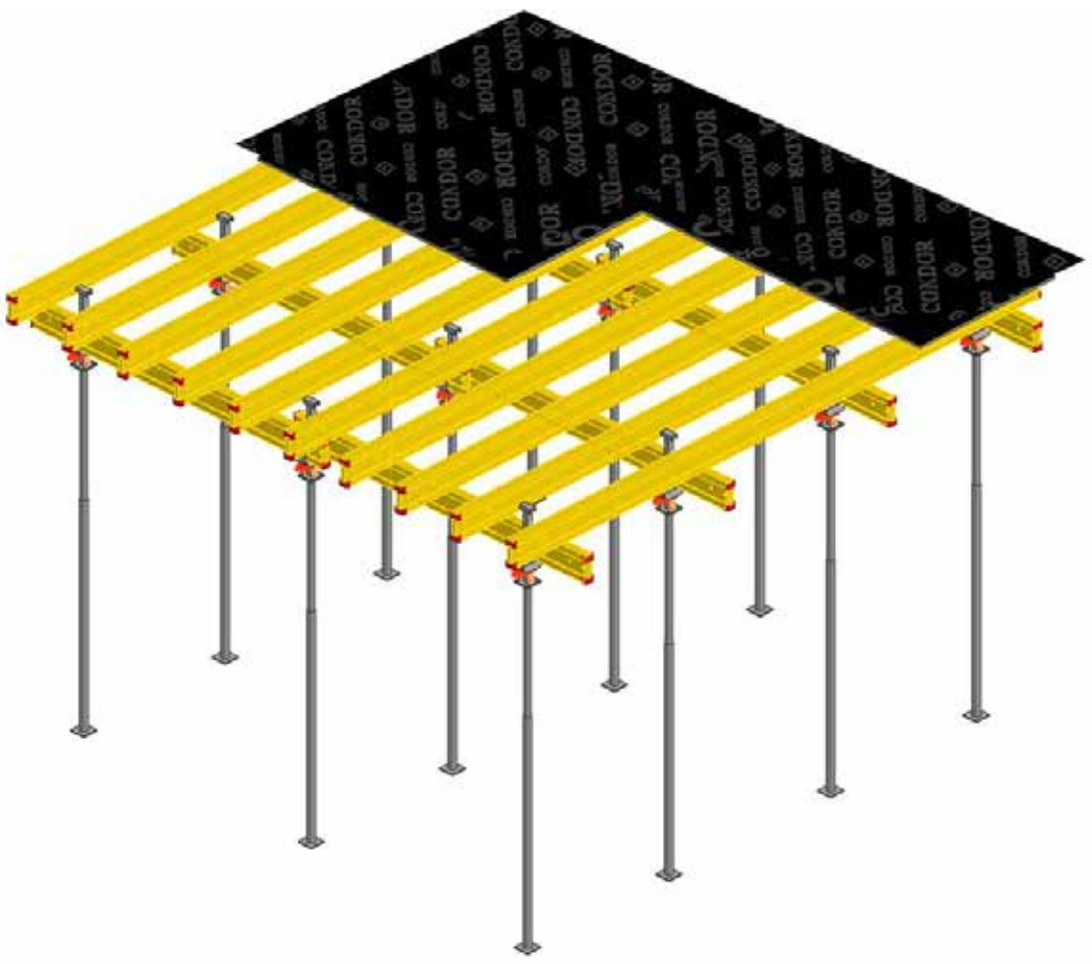

08 - 301

Eco

System for slabs with free mounting scheme and early striking for optimisation of scheduling working time in the construction site.

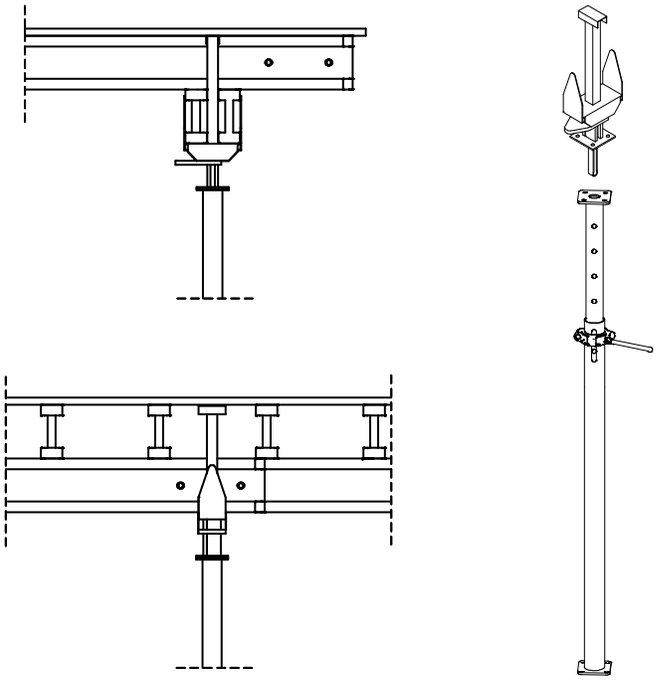
The characteristics of the system are:

- Free mounting scheme;
- Cost effectiveness;
- Adaptability to slab's layout, thickness and height;
- Low number of components;
- Possibility of choosing the wood sheet depending on the required quality of finishing;
- Significant reduction of striking time.



The System

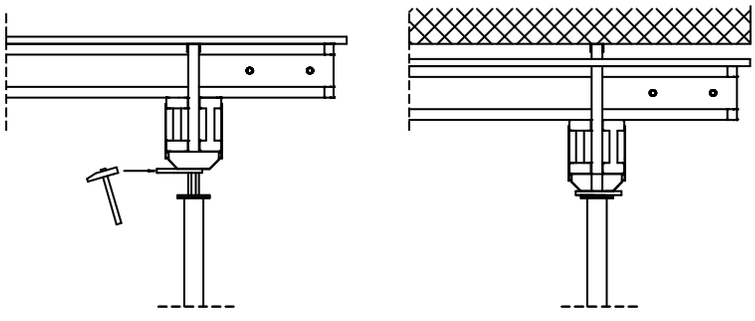
The ECO system preserves all the benefits of the 20FLEX and adds a significant reduction in job construction site working time thanks to the early striking due to the drop-head system.



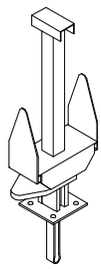
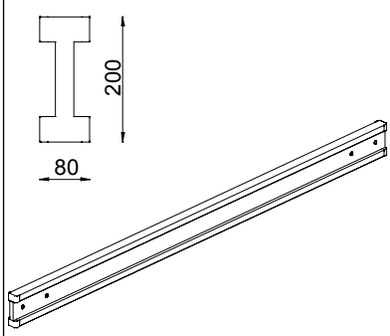
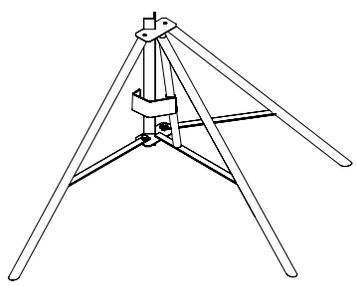
EARLY STRIKING

Thanks to the drop heads the ECO system allows the early striking recovering wood panels and beams from the casted floor, leaving only intermediate props to support the concrete cast.

Primary and secondary beams and wood panels can be used again (for example on the upper floor) with a new set of props, in order to reduce the amount of provided components and significantly drop down performing time.



Components

ART.	DIM(cm)	WEIGHT (Kg)	
“TDA” DROP HEAD 20000		6,5	
SH20 WOODEN BEAMS			
20039	145cm	7,3	
20048	190cm	9,5	
20050	215cm	10,8	
20040	245cm	12,3	
20049	265cm	13,3	
20041	290cm	14,5	
20042	330cm	16,5	
20043	360cm	18	
20044	390cm	19,5	
20045	450cm	22,5	
20046	490cm	24,5	
20047	590cm	29,5	
TRIPOD 49005		8,6	

Multiportal

The most suitable table system to manage efficiently large floors and buildings with many repetitive floors thanks to a very simple and functional preassembled structure.

Characteristics of the system are:

- Ready-to-use tables for any building geometry;
- Reduced labor costs thanks to the availability of pre-assembled modules and rapid handling with a single operator by handling trolleys;
- Vertical translation simplified by lifting forks;
- Possibility to choose the plywood according to the finishing required;
- Simplified logistics on the job site, thanks to the reduced number of elements that can be easily stored and handled;
- Safety for operators thanks to the guardrails on each side of the building.

The System

Slab formwork system formed by pre-assembled modular tables with standard dimensions and ready to use for all the geometries of the building.

The system consists of SH20 wooden beams and a plywood panel (three-ply or phenolic multilayers panel) to be connected to the props through special heads.

Once assembled, the tables can be easily used on site and can be handled quickly by two operators thanks to the handling trolley.

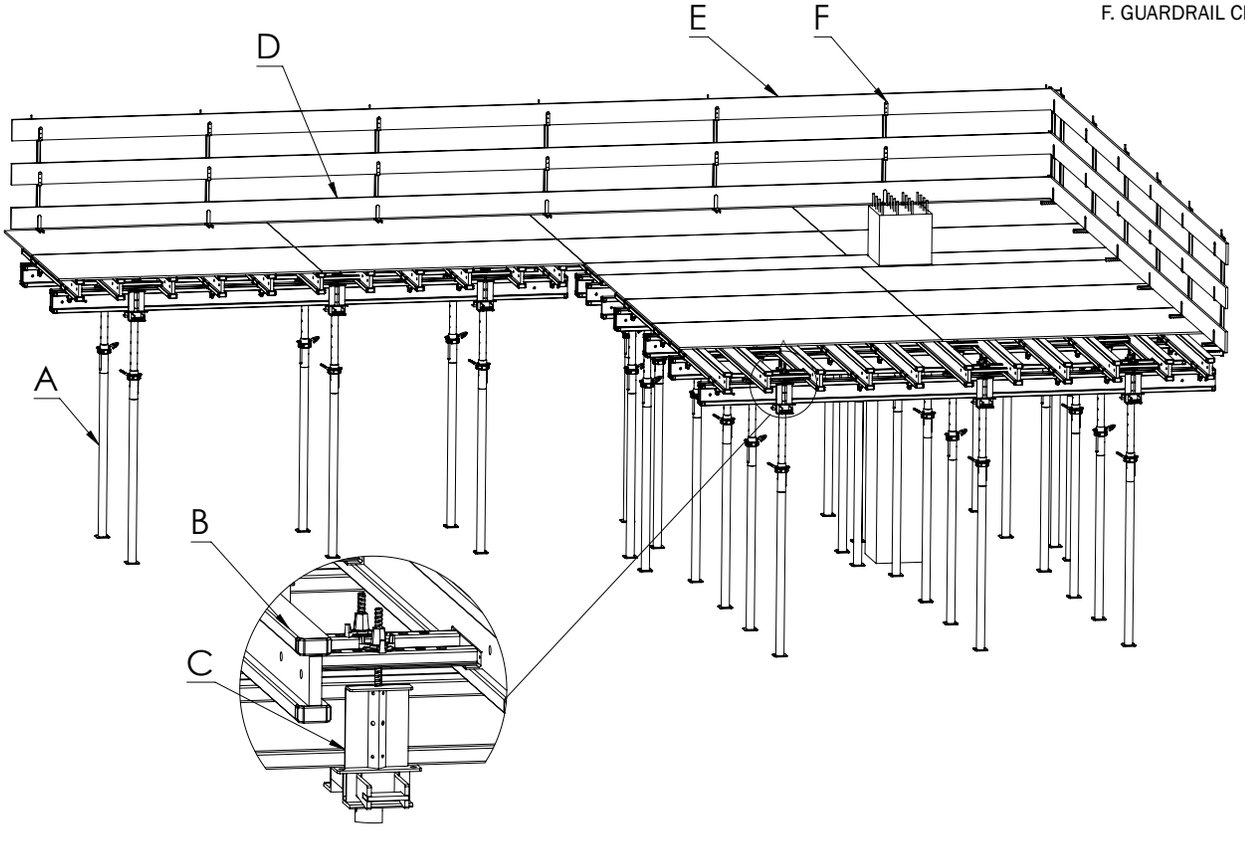
Vertical translation with a crane is ensured and simplified by the lifting forks.

The guardrails to protect against falls are integrated into the formwork itself and allow to operate in complete safety.

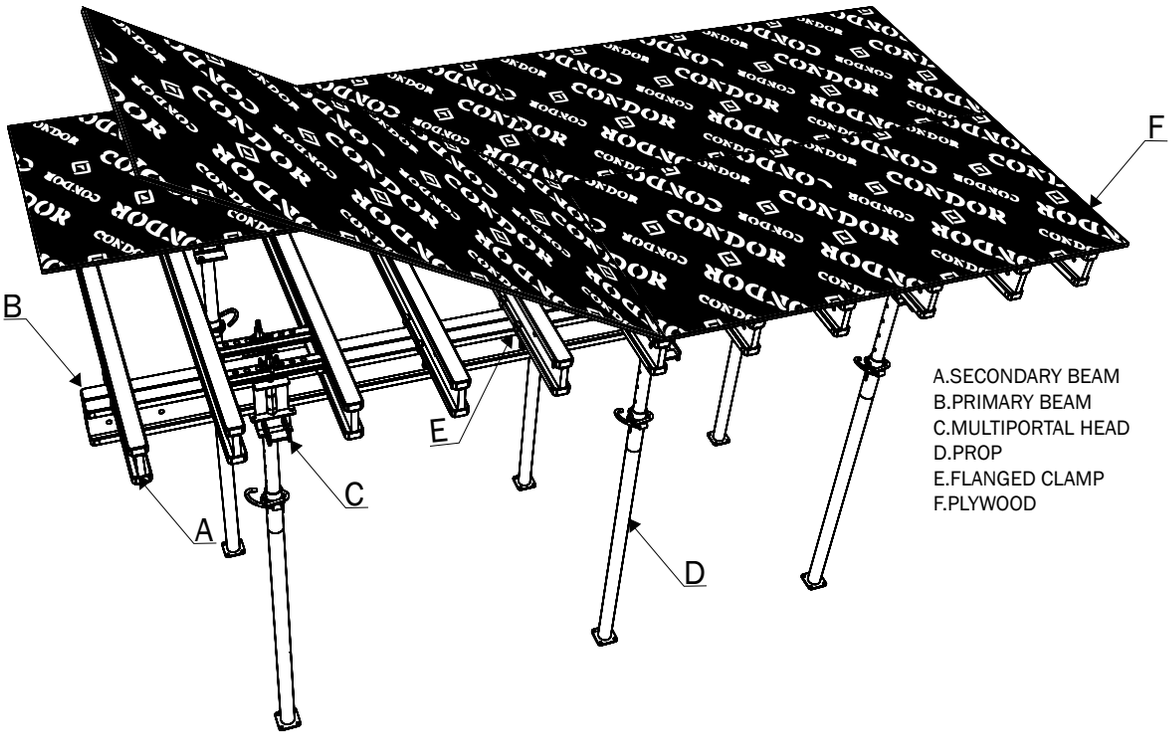
Floor heights:

- up to approx. 6.00 m with Condor CEP props;
- for higher heights, use of Multicom shoring towers.

A. CEP PROP
B. SH20 BEAM
C. MULTIPORTAL HEAD
D. WOOD TOEBOARD
E. WOOD GUARDRAIL
F. GUARDRAIL CLAMP

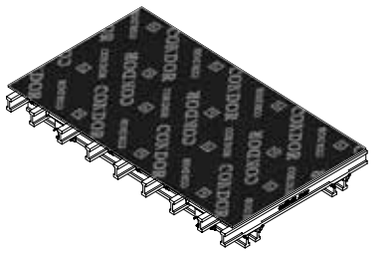


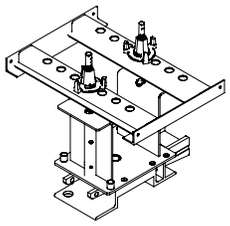
Components

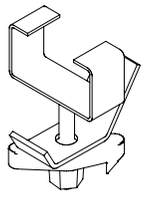


A.SECONDARY BEAM
B.PRIMARY BEAM
C.MULTIPORTAL HEAD
D.PROP
E.FLANGED CLAMP
F.PLYWOOD

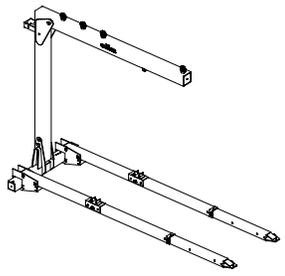
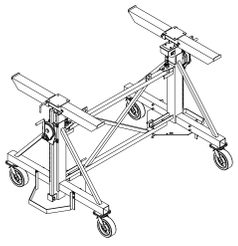
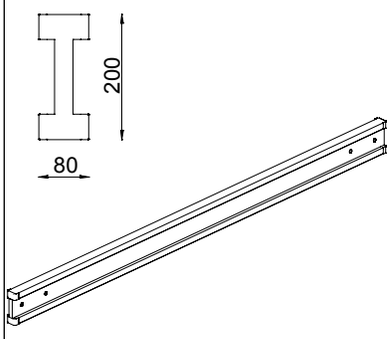
ART.	DIM(cm)	WEIGHT (Kg)	
MULTIPORTAL TABLE			
11926	215x400cm	397	
11928	215x500cm	516	
11927	265x400cm	450	
11929	265x500cm	610	
*On request also available in other dimensions			
FIXED HEAD 11919		17,7	
FLANGED CLAMP 11914		1,7	







Components

ART.	DIM(cm)	WEIGHT (Kg)	
LIFTING FORK			
11910		495	
MOVEMENT TRUCK			
11909		450	
SH20 BEAM			
20039	145cm	7,3	
20048	190cm	9,3	
20050	215cm	10,8	
20040	245cm	12,3	
20049	265cm	13,3	
20041	290cm	14,5	
20042	330cm	16,5	
20043	360cm	18	
20044	390cm	19,5	
20045	450cm	22,5	
20046	490cm	24,5	
20047	590cm	29,5	

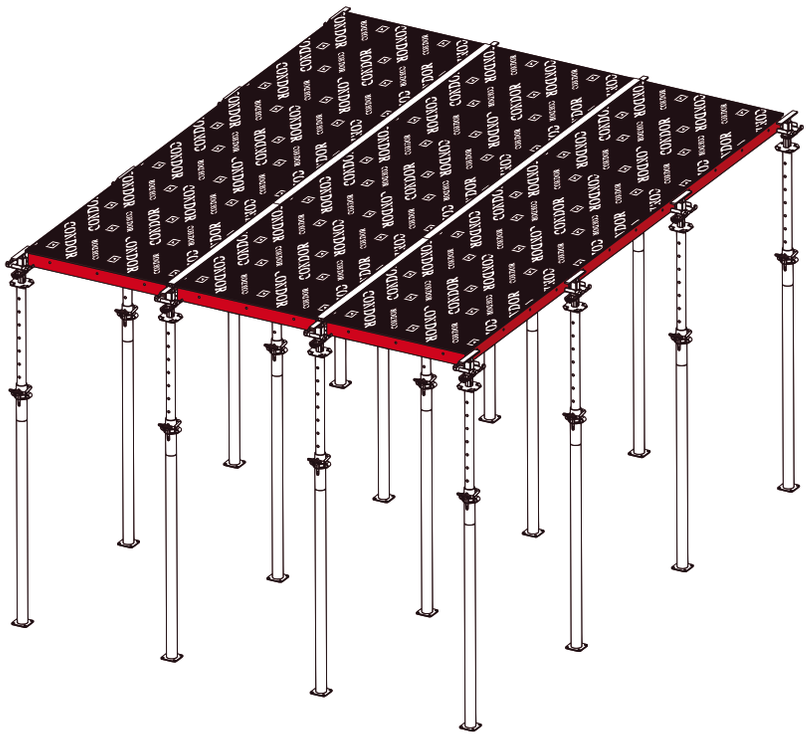

ALUPLUS

Aluplus

Aluplus is the modular, versatile and lightweight formwork system with an aluminum frame that allows you to increase construction productivity by reducing timing for the casting on site of slabs for the construction of multi-storey structures in the industrial, commercial and residential sectors.

Features of the system are:

- The low weight of the high-strength aluminum panels (14,67 kg/sqm with 112,5x150cm panel size) ensures easy and practical handling ;
- Rational and systematic assembly reduces errors and arming times; moreover, the few and cyclical phases that characterize the system allow the mounting with few operators;
- Possibility to use CEP steel props or ALUCP in aluminum depending on the thickness of the slab;
- The particular shaping of the upper portion of the Aluplus drop-head, together with the early striking system, allows the assembly and disassembly of the formworks by operating bottom-up, avoiding overturning and accidental falls in full compliance with safety regulations;
- Practical hooking system that allows a quick and safe installation and removal of the Aluplus drop head from the prop;
- Thanks to the Aluplus drop head, it is possible to proceed to early striking, therefore to recover the panel formworks for a faster proceeding of the works while keeping the slab shored, benefitting in time and labor costs;
- The phenolic plywood ensures a high quality casting and a high number of reuses, while keeping costs low;
- The PVC covers guarantee a perfect sealing of the deck preserving heads and props from concrete residues;
- The perimeter or edge compensations and those around pillars are easy to realise through four compensation beams.



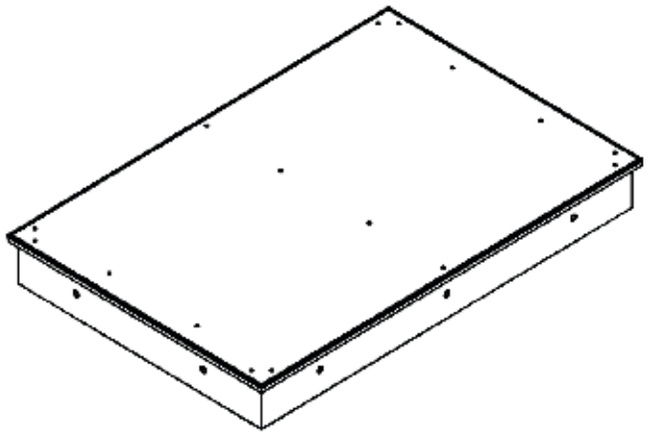
The System

Modular system with horizontal development consisting of a light formwork composed by a 9mm birch plywood panel with phenolic coating framed in an aluminum structure with a 12cm high perimeter elements and transverse elements, dedicated steel drop-head and props.

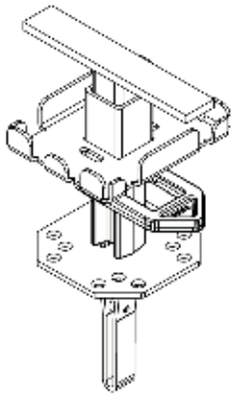
The maximum weight of 24.5kg of the larger formwork (112.5x150cm, equal to about 1.69sqm) together with the lightness of the other elements of the system, gives the Aluplus system the possibility of being handled in compliance with safety standards, limiting the use of the crane. The formwork is placed on the drop heads (Art. 21365) using the special anti-fall and anti-overturning profile. Always operating bottom-up, the rotation / lifting is then carried out to a horizontal position of the formwork with the aid of the assembly rod, followed by the installation of the necessary props equipped with drop-heads. The systematic sequence of assembly is repeated cyclically without variations allowing the rapid arming of the system.

The striking phase can be anticipated compared to the canonical 28 days thanks to the 21365 Aluplus drop-head that allows the recovery of the panels, leaving the props in place to shore the casted slab for all the time necessary. The panels recovered in advance can immediately be reused (for example on the upper floor) with a new series of props, reducing the number of components necessary for the progress of the work and the time required to complete it.

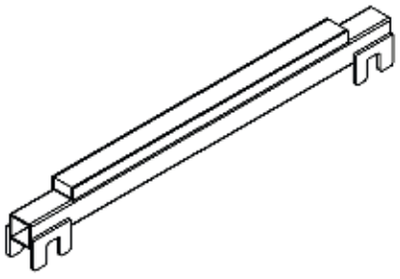
The Aluplus system is used in civil, residential and multi-storey buildings when a simple, fast and safe product is required, allowing the early recovery of the formwork for rapid realisation of multiple casted slabs.



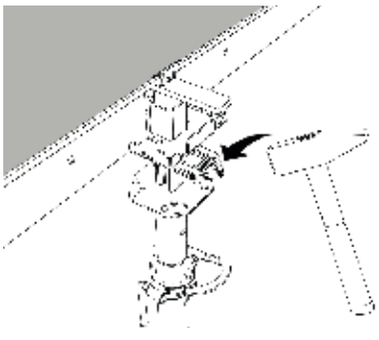
Panel



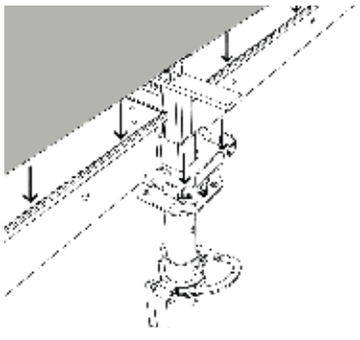
Drop head



Compensation beam



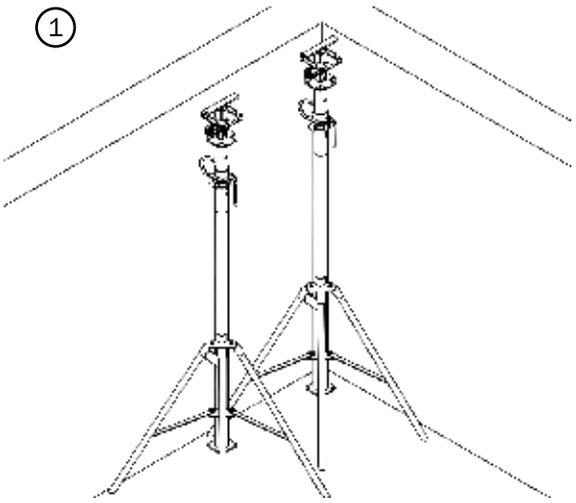
Shuttering Phase



Stripping Phase

SHUTTERING PHASES

1



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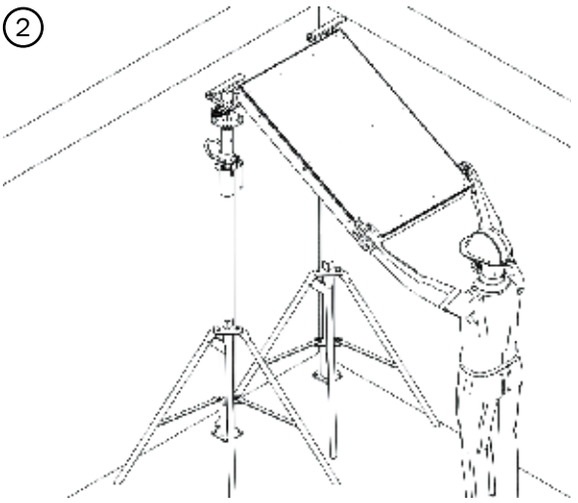

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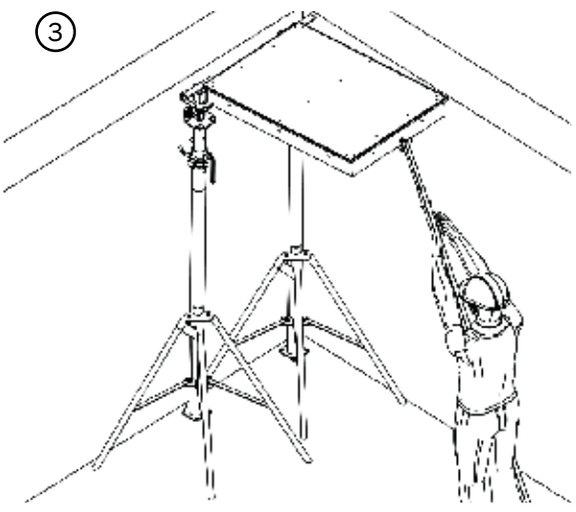

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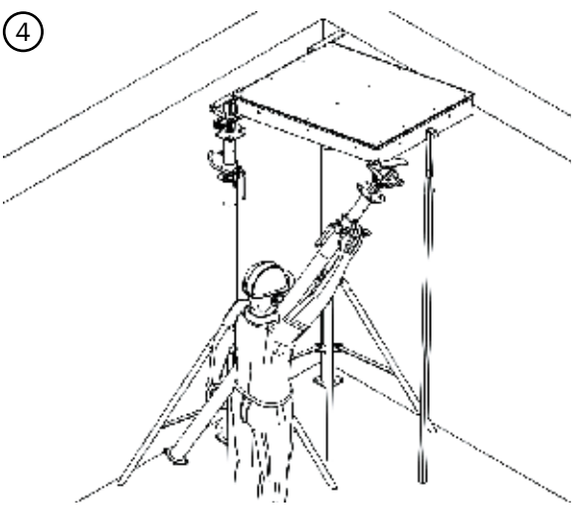

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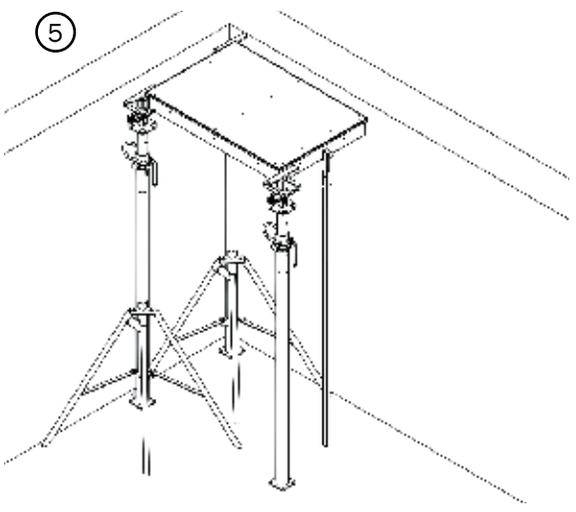

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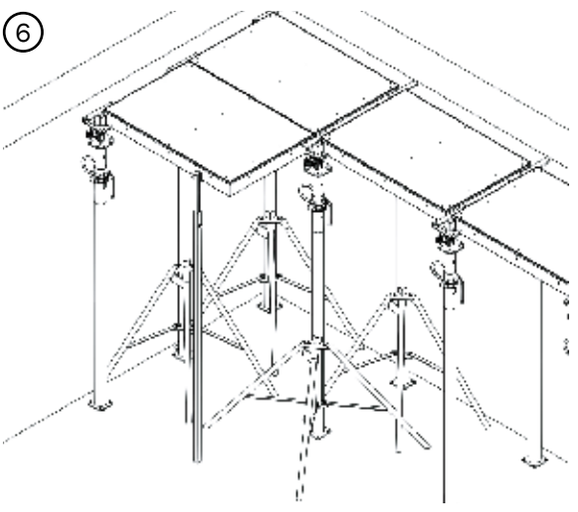
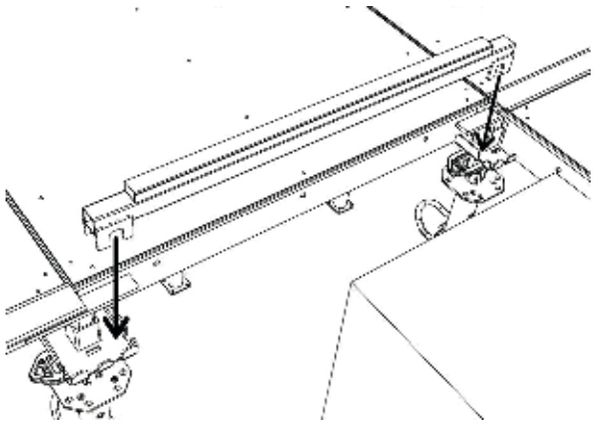
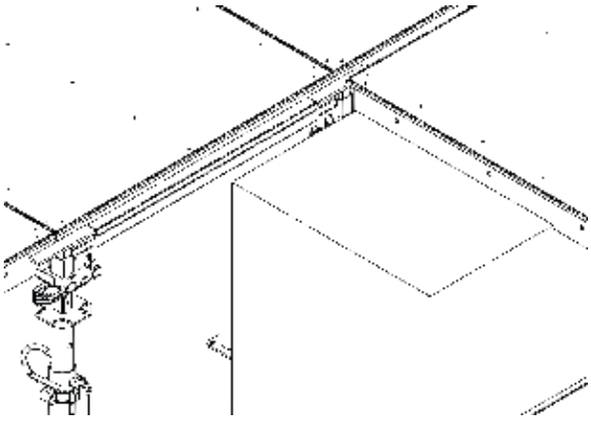


COMPENSATION

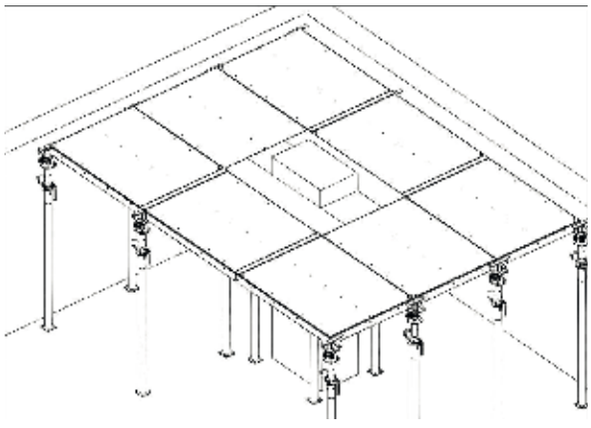
Il sistema consente la possibilità di compensazioni intorno o lungo le discontinuità della superficie del solaio da gettare mediante le travi di compenso dedicate. le compensazioni maggiormente realizzate sono:
-compensazioni intorno ad un pilastro;
-compensazioni perimetrali (longitudinali e trasversali).



Compensation around a column

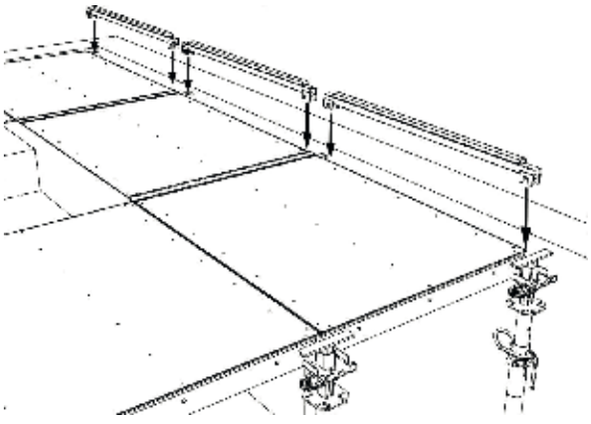


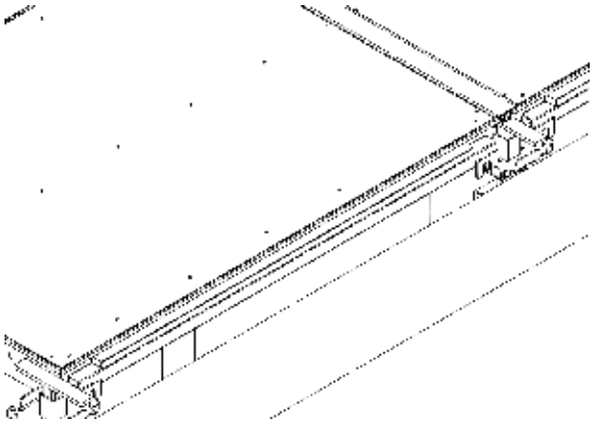
Compensation around a column

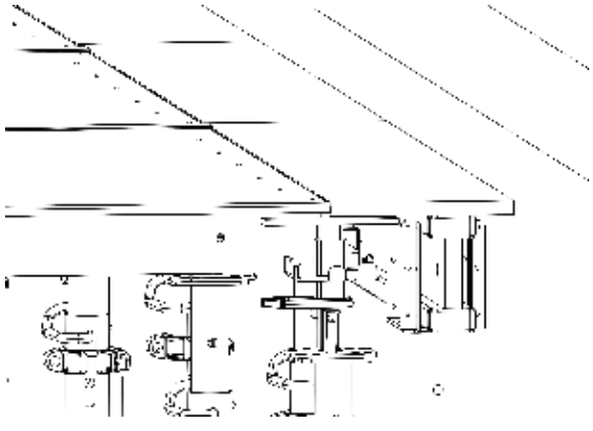


Compensation around a column

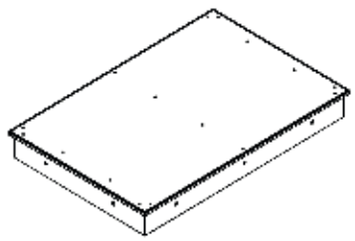
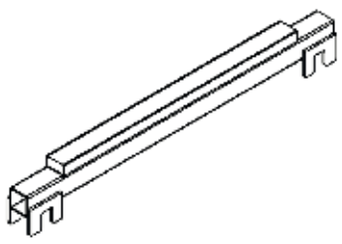
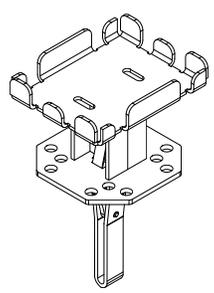
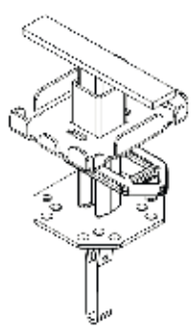
Compensazione di bordo







Components

ART.	DIM(cm)	WEIGHT(Kg)	
ALUPLUS PANEL			
21350	112,5x37,5cm	8,3	
21351	112,5x75cm	13,4	
21352	112,5x150cm	28,8	
COMPENSATION BEAM			
21373	37,5cm	1,7	
21372	75cm	3,6	
21371	112,5cm	5,5	
21370	150cm	7,3	
FIXED HEAD		3	
21366			
DROP HEAD		5,5	
21365			

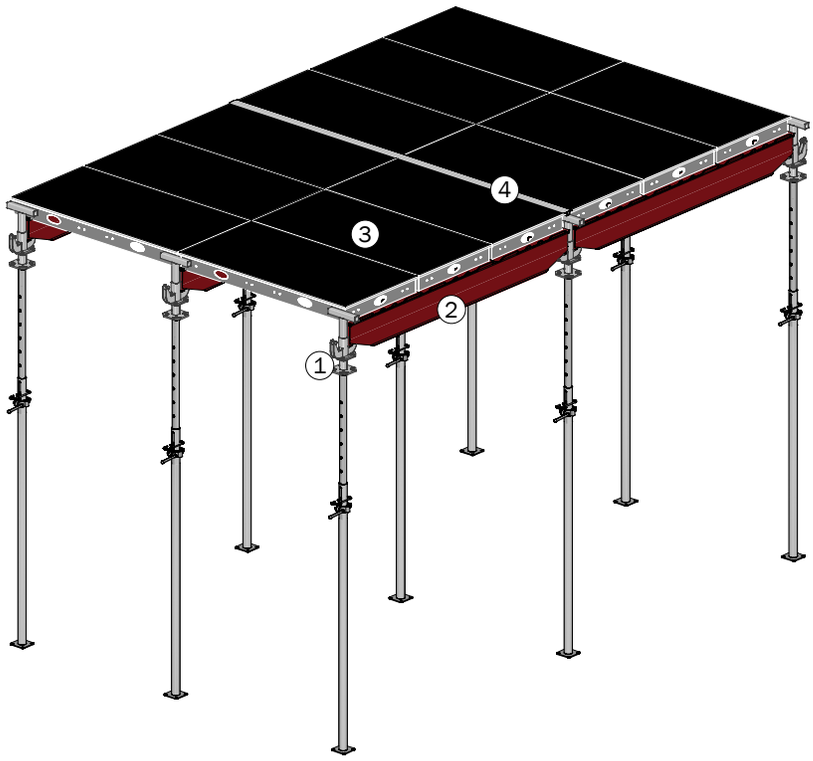

CONDOR

Aludeck

Aluminium frame formwork which's modular and flexible, thus saving time in slab castings.

The characteristics of the system are:

- Easy assembly with standard-module;
- Easy handling of each components, thanks to the lightness of components in high-resistance aluminum;
- Panels' phenolic plywood ensures a high-quality casting and numerous uses, reducing costs;
- Compared with standard systems, this system uses fewer panels and saves time when moving elements;
- The system is bottom-up assembled and disassembled, thus complying with safety standards; parapets on all the sides significantly reduce risks of falling;
- Possibility to use steel props (CEP) or aluminum props (ALUCP);
- Thanks to the drop head, advanced disassembly can be quickly performed and panels and beams can be used again by means of a further supply of the so called "advanced" props. Advanced disassembly allows to saving time by 66%, strongly affecting labor costs of the company;
- Wide range of accessories for casting of overhangs (cornices and balconies) and compensations around columns, elevator shafts, stairwells and wall closures.



1. Drop head
2. TMA monolitic BEAM
3. ALUDECK 150x75cm Panel
4. PVC slot covering

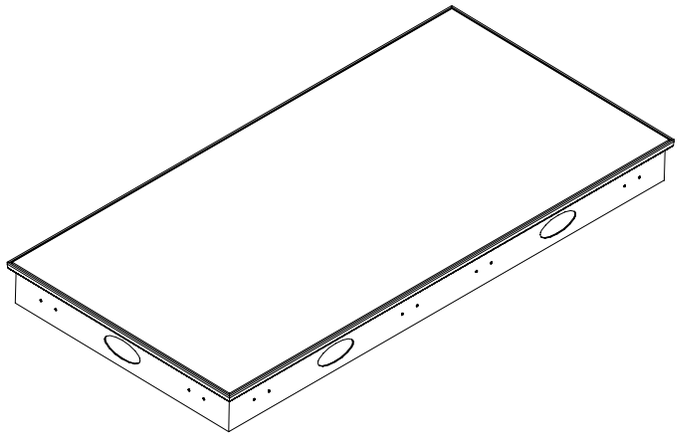
The System

Slab formwork system made up of modular frame aluminum panels with phenolic plywood covering, aluminum beams and props.

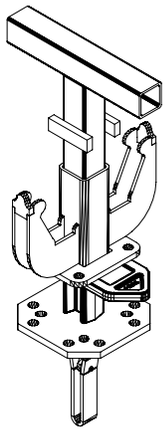
Thanks to their extreme lightness, each component can be handly moved in the construction site, in compliance with safety standards, thus limiting the involvement of the crane. Being a standard-module system, in the construction site it is not necessary to calculate the distance between props or the inter-axe between beams; this means easy assembly without errors.

Thanks to the drop heads, it is possible to perform early striking and recover panels and beams from the casted floor, leaving only intermediate props. Primary and secondary beams and panels can be immediately used again (for example on the upper floor) with a new set of props, in order to reduce the amount of provided components and significantly drop down performing time.

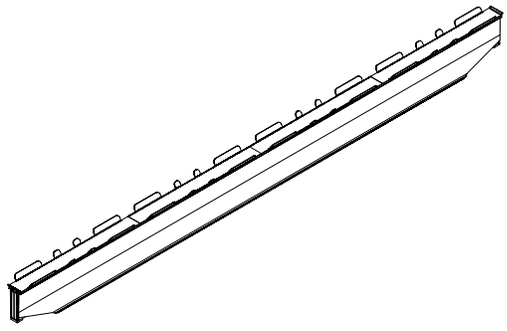
This system is suitable for casting any type of slab having downstand beams emerging only in the perimeter of the floorplan.



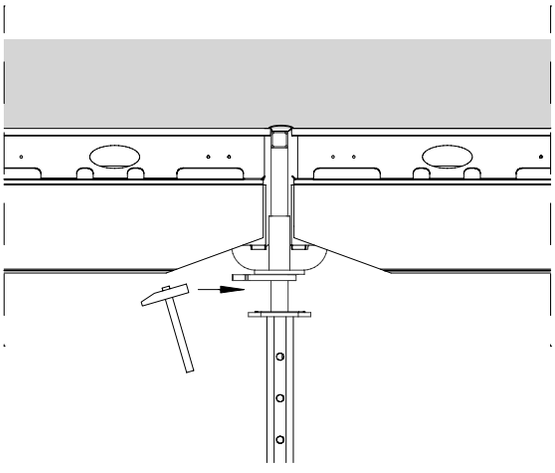
Panel



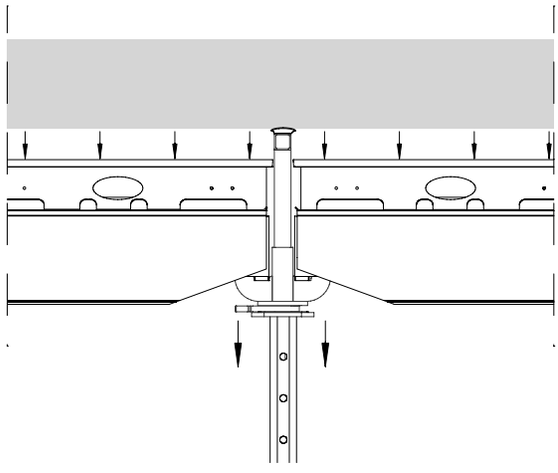
Drop head



TMA monolithic beam

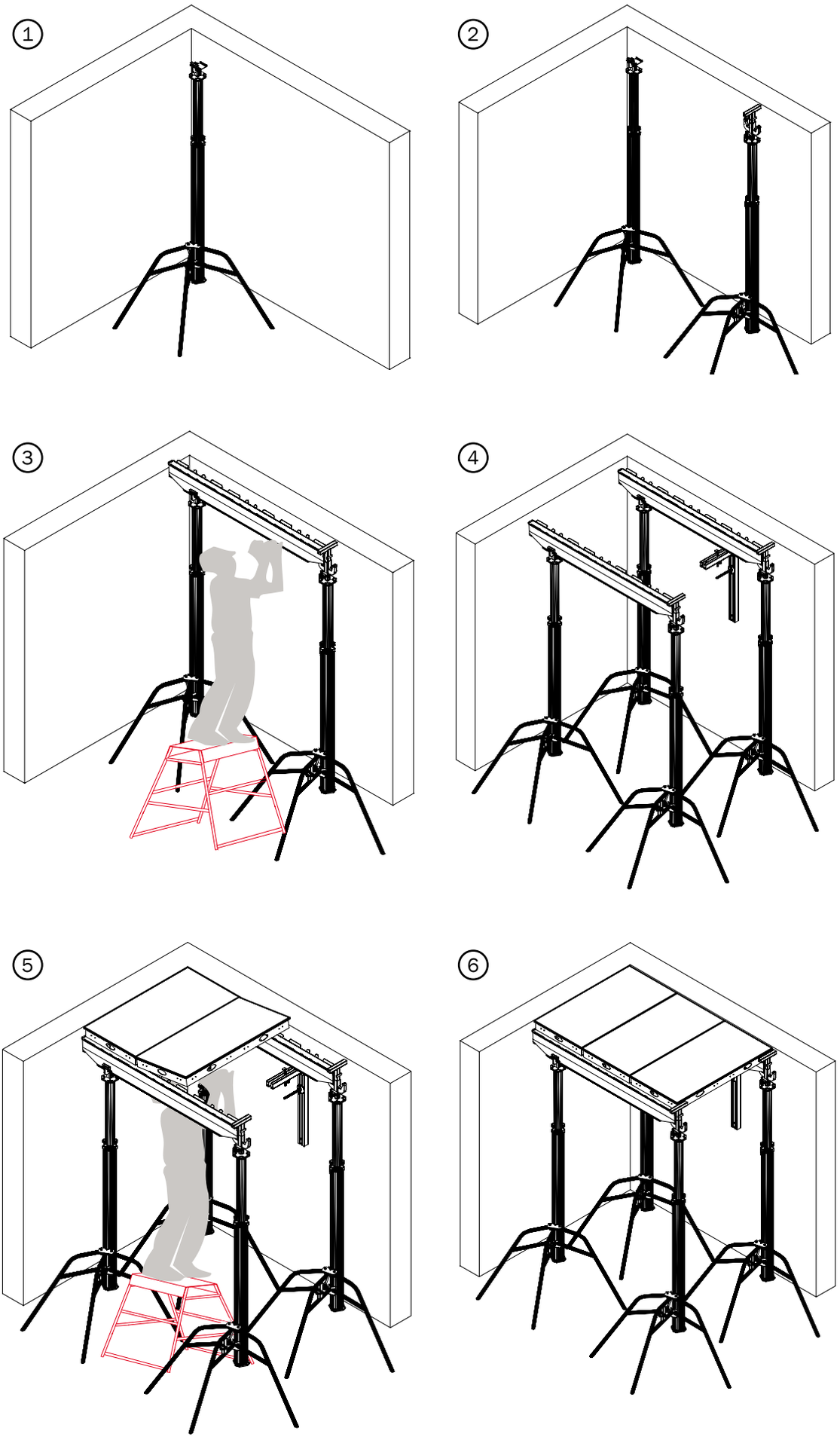


Shuttering Phase



Stripping Phase

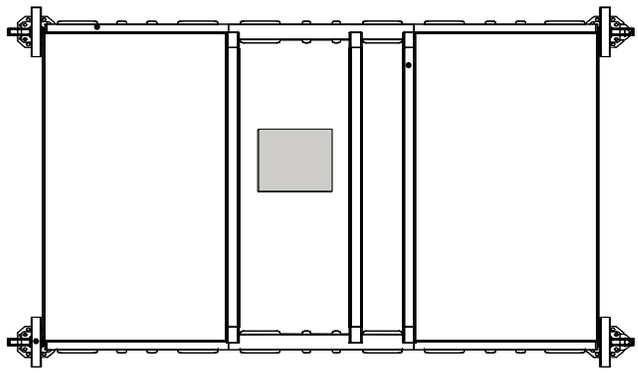
ASSEMBLY PHASES



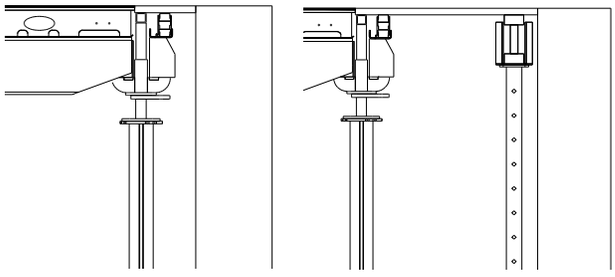
COMPENSATION

The system allows the design of compensations, by using few standard elements.

Most frequently compensations are:
- compensations for columns;
- longitudinal and transverse compensations.



Compensation around a column



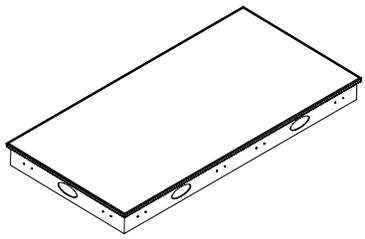
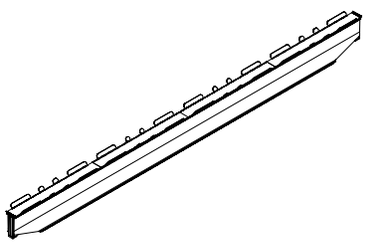
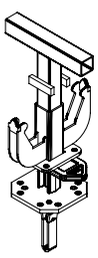
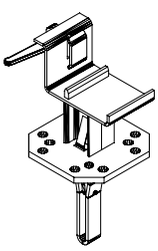
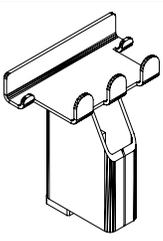
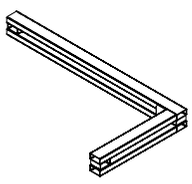
Edge compensation

LOAD CAPACITY ON PROPS

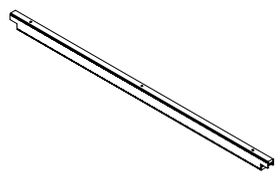
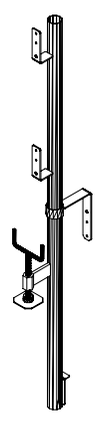
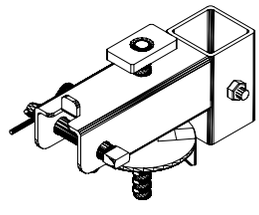
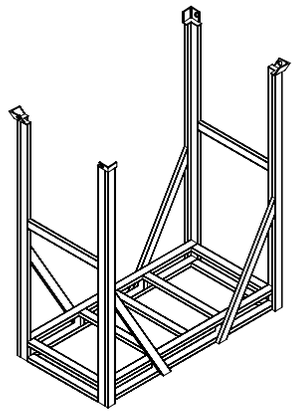
Slab tickness	Total Load	3050x1500	3050x750	2300x1500	2300x750	1550x1500	1550x750
		Prop Load	Prop Load	Prop Load	Prop Load	Prop Load	Prop Load
(cm)	(kN/m^2)	(kN)	(kN)	(kN)	(kN)	(kN)	(kN)
14	5,34	24,43	12,22	18,42	9,21	12,42	6,21
16	5,86	26,81	13,40	20,22	10,11	13,62	6,81
18	6,38	29,19	14,59	22,01	11,01	14,83	7,42
20	6,90	31,57	15,78	23,81	11,90	16,04	8,02
22	7,42	33,95	16,97	25,60	12,80	17,25	8,63
24	7,94	36,33	18,16	27,39	13,70	18,46	9,23
25	8,20	37,52	18,76	28,29	14,15	19,07	9,53
26	8,46	38,70	19,35	29,19	14,59	19,67	9,83
28	8,98	41,08	20,54	30,98	15,49	20,88	10,44
30	9,56	43,74	21,87	32,98	16,49	22,23	11,11
35	11,12	50,87	25,44	38,36	19,18	25,85	12,93
40	12,68	58,01	29,01	43,75	21,87	29,48	14,74
50	15,80	-	36,14	54,51	27,26	36,74	18,37
60	18,92	-	43,28	-	32,64	43,99	21,99
70	22,04	-	50,42	-	38,02	51,24	25,62
80	25,16	-	57,55	-	43,40	-	29,25

Load analysis according to DIN 4421		
Formwork weight	Slab weight	Variable load
(kN/m^2)	(kN/m^2)	(kN/m^2)
0,20	26kN/m^3 x Sp(m)	1,5

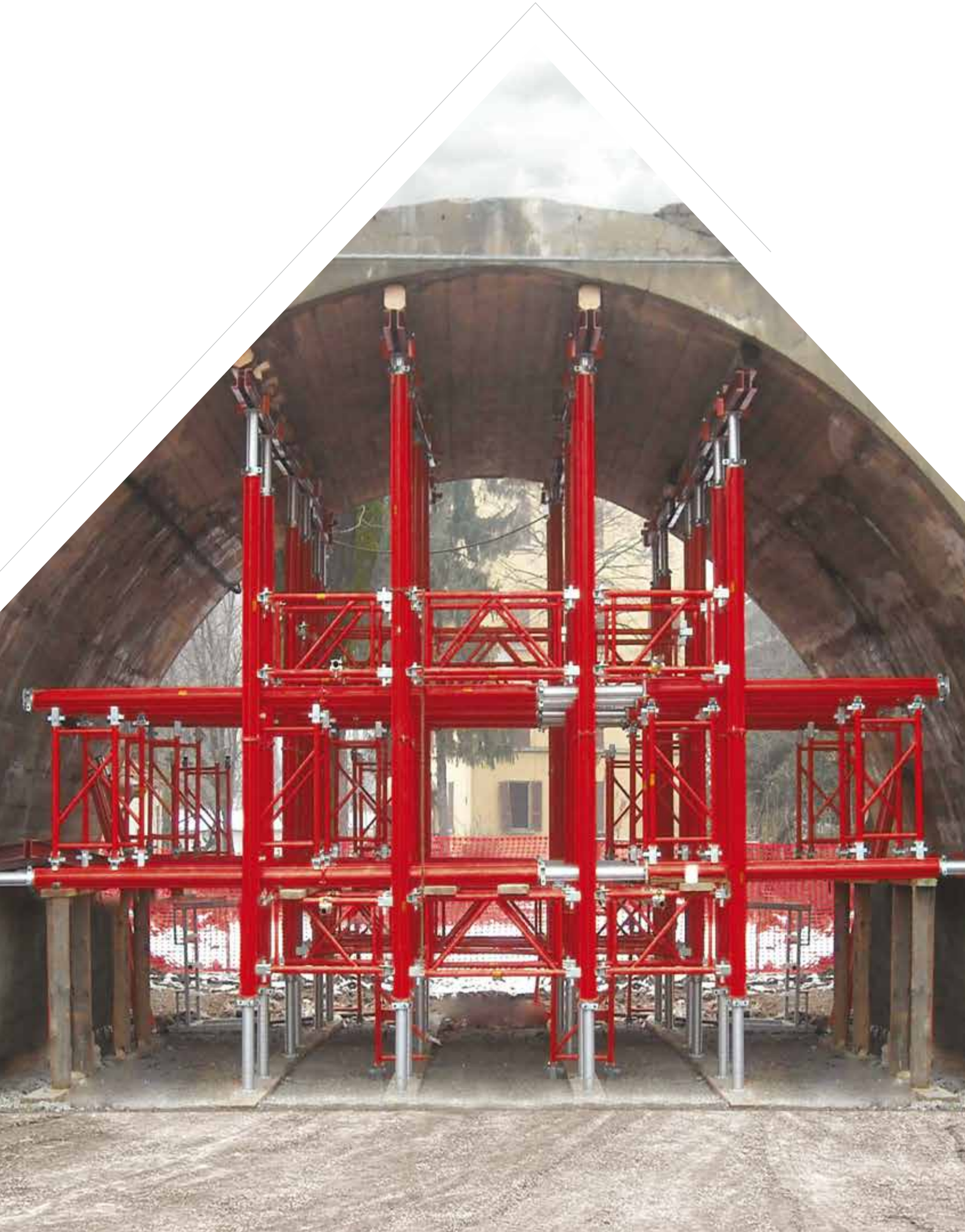
Components

ART.	DIM(cm)	WEIGHT(Kg)	
ALUDECK PANEL			
21100	150x75cm	15,7	
21101	150x50cm	11,4	
21102	150x37,5cm	8,4	
21103	75x75cm	8,6	
21104	75x50cm	6,2	
21105	75x37,5cm	4,6	
TMA MONOLITHIC BEAM			
21120	L=303cm	30,3	
21121	L=228cm	24,5	
21122	L=150cm	13	
21123	L=75cm	8,8	
STANDARD DROP HEAD 21130		10,8	
FIXED SUPPORT HEAD 21131		3,4	
ADK FRONT CONNECTION 21136		2	
WALL SUPPORT 21137		7,4	

Components

ART.	DIM(cm)	WEIGHT (Kg)	
CLA 93 COMPENSATION BEAM			
21140	L=220cm	9	
21141	L=150cm	6	
21142	L=75cm	2,6	
PVC SLOT COVERING			
21035	L=305cm	3,3	
21030	L=300cm	3,2	
21031	L=230cm	2,4	
21032	L=155cm	1,7	
21033	L=150cm	1,6	
21034	L=80cm	0,9	
21037	L=75cm	0,8	
21036	L=50cm	0,5	
GUARDRAIL BAR		7,9	
21135			
CONNECTION FOR GUARDRAIL BAR		2,7	
21134			
BOX		60	
21062			


CONDOR

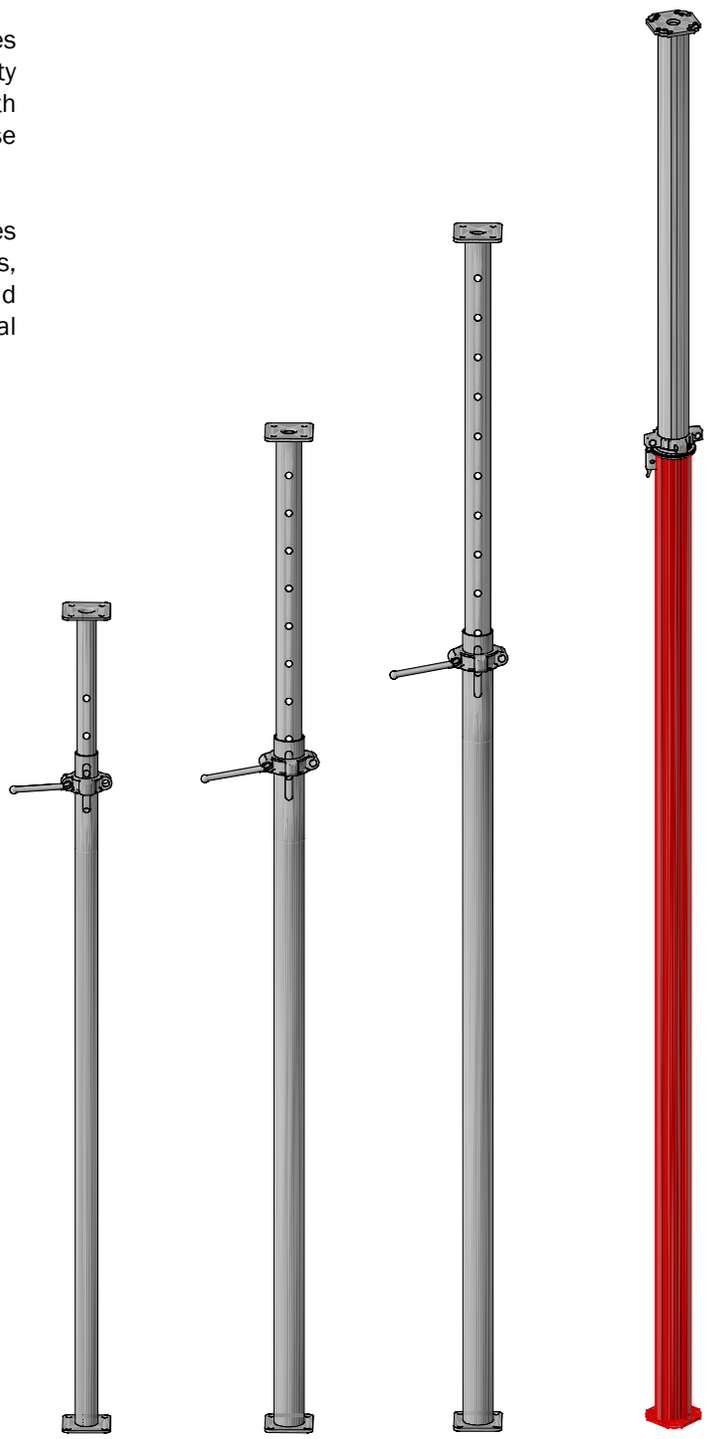


Props

The standard UNI EN1065 requires a classification of props according to their capacity and provides specific geometrical and mechanical prescriptions for each parts that compose the element.

The same standard introduces a series of prescriptions that certify the quality of adjustable telescopic steel props with covered or exposed thread, designed for use in the construction site.

For this purpose, the standard identifies specific materials, project requirements, protection alternatives against corrosion and check methods employing both structural calculations and experimental tests.



ECON

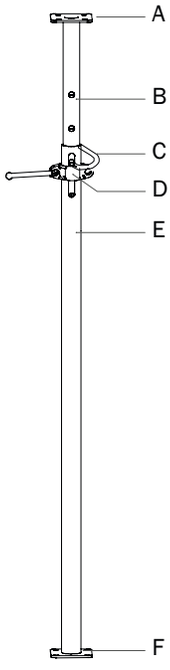
ECON prop is easy to handle and it has a minimum capacity of 20 kN.

Available in two size (ECON300; ECON 350) it allow to work on different heights from 1.80m to 3.50m.

Available in hot-dip galvanized, electro-galvanized and painted version.

Technical Data	
Thread	External
External tube diameter(mm)	60
Internal tube diameter(mm)	48
Head/base plates (mm)	120x120x6
Pin diameter (mm)	15

	ECON 300	ECON 350
Lmin [m]	1,80	2,00
Lmax [m]	3,00	3,50
H [m]	**LOAD CAPACITY**	
	[kN]	[kN]
1,80	35,0	
1,90		
2,00		34,0
2,10		
2,20		
2,30	34,0	
2,40	31,3	
2,50	28,8	32,6
2,60	26,6	30,2
2,70	24,7	27,9
2,80	23,0	25,8
2,90	21,4	24,2
3,00	20,0	22,5
3,10		21,2
3,20		20,5
3,30		20,0
3,40		
3,50		



A. Head plate

B. Inner tube

C. Fastening pin

D. Adjusting nut with handle

E. Outer tube

F. Base plate

CEP10

CEP – Condor European Props comply with the European standard.

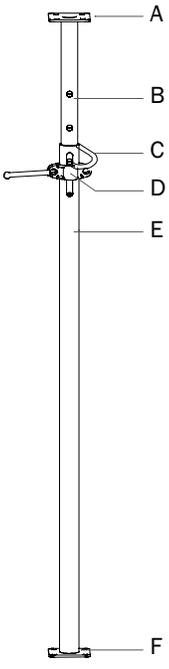
The CEP10 prop is easy to handle and light with a 10 kN minimum capacity.

Two types of props (CEP10-350; CEP10-400) suitable to cover heights from 2,00m to 4,00m.

Available in hot-dip galvanized, electro-galvanized and painted version.

Technical Data	
Thread	External
External tube diameter(mm)	60
Internal tube diameter(mm)	48
Head/base plates (mm)	120x120x6
Pin diameter (mm)	15

	CEP 10-350	CEP 10-400
Lmin [m]	2,00	2,30
Lmax [m]	3,50	4,00
H [m]	LOAD CAPACITY	
	[kN]	[kN]
2,00	30,0	
2,10		
2,20	28,9	
2,30	26,5	30,2
2,40	24,3	27,2
2,50	22,4	25,6
2,60	20,7	23,7
2,70	19,2	21,9
2,80	17,9	20,4
2,90	16,6	19,2
3,00	15,6	17,8
3,10	14,6	16,6
3,20	13,7	15,6
3,30	12,9	14,7
3,40	12,1	13,8
3,50	11,4	13,1
3,60		12,3
3,70		11,7
3,80		11,1
3,90		10,5
4,00		10,0



A. Head plate

B. Inner tube

C. Fastening pin

D. Adjusting nut with handle

E. Outer tube

F. Base plate

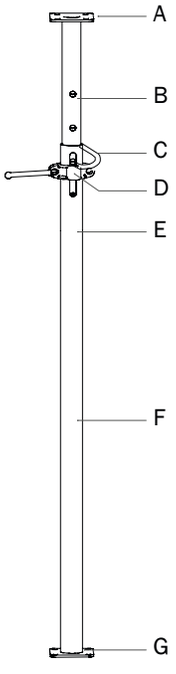
CEP20

The CEP20 prop is easy to handle and light with a 20 kN minimum capacity.

Five types of props (CEP20-300; CEP20-350; CEP20-400; CEP20-450; CEP20-500) suitable to cover heights from 1,80m to 5,00m.

Available in hot-dip galvanized, electro-galvanized and painted version.

Technical Data	
Thread	External
External tube diameter(mm)	76
Internal tube diameter(mm)	63,5
Head/base plates (mm)	120x120x8
Pin diameter (mm)	16



A. Head plate

B. Inner tube

C. Fastening pin

D. Adjusting nut with handle

E. Outer tube

F. Base plate

	CEP 20-300	CEP 20-350	CEP 20-400	CEP 20-450	CEP 20-500
Lmin [m]	1,80	2,00	2,30	2,50	3,10
Lmax [m]	3,00	3,50	4,00	4,50	5,00
H [m]	LOAD CAPACITY				
	[kN]	[kN]	[kN]	[kN]	[kN]
1,80	36,0				
1,90					
2,00		35,0			
2,10					
2,20					
2,30	35,0		35,0		
2,40	32,3		35,0		
2,50	29,7	33,6	35,0	35,0	
2,60	27,4	31,1	35,0	35,0	
2,70	25,5	28,8	32,9	34,0	
2,80	23,7	26,6	30,6	32,1	
2,90	22,1	25,0	28,5	30,0	35,0
3,00	20,0	23,3	26,7	28,1	35,0
3,10		21,9	25,0	26,4	34,3
3,20		20,5	23,4	24,8	33,3
3,30		20,0	22,0	23,4	31,2
3,40			20,8	22,0	29,3
3,50			20,0	20,8	27,5
3,60				20,0	26,0
3,70					24,5
3,80					23,1
3,90					21,9
4,00					20,8
4,10					20,0
4,20					
4,30					
4,40					
4,50					
4,60					
4,70					
4,80					
4,90					
5,00					

CEP30

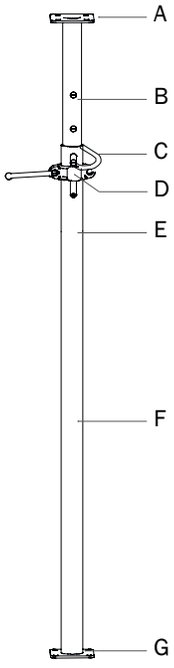
The CEP30 prop is easy to handle and light with a 30 kN minimum capacity.

Three types of props (CEP30-300; CEP30-350; CEP30-400) suitable to cover heights from 1,80m to 4,00 m.

Available in hot-dip galvanized, electro-galvanized and painted version.

Technical Data	
Thread	External
External tube diameter(mm)	76
Internal tube diameter(mm)	63,5
Head/base plates (mm)	120x120x8
Pin diameter (mm)	16

	CEP 30-300	CEP 30-350	CEP 30-400
Lmin [m]	1,80	2,00	2,40
Lmax [m]	3,00	3,50	4,00
H [m]	LOAD CAPACITY		
	[kN]	[kN]	[kN]
1,80	40,0		
1,90			
2,00			
2,10		40,0	
2,20			
2,30			
2,40			40,0
2,50	39,2		
2,60	38,4		
2,70	37,6		
2,80	35,6		
2,90	33,7		
3,00	31,7		
3,10			
3,20		37,8	
3,30		35,5	
3,40		33,2	39,7
3,50		30,9	38,4
3,60			37,0
3,70			35,4
3,80			33,9
3,90			32,4
4,00			30,9



A. Head plate

B. Inner tube

C. Fastening pin

D. Adjusting nut with handle

E. Outer tube

F. Base plate

D55

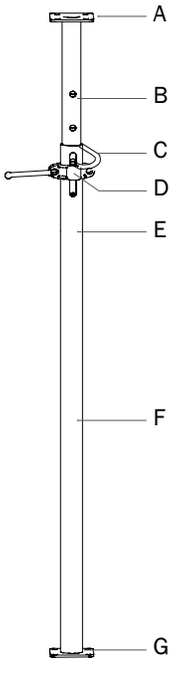
Il puntello D55, è maneggevole con portata minima di 20 kN.

Consente di coprire altezze variabili da 3,10 m a 5,50 m.

Disponibile nella versione zincato a caldo e prezincato.

Technical Data	
Thread	External
External tube diameter(mm)	76
Internal tube diameter(mm)	63,5
Head/base plates (mm)	120x120x8
Pin diameter (mm)	16

	D55
Lmin [m]	3,10
Lmax [m]	5,50
H [m]	L. CAPACITY [kN]
3,10	39,00
3,20	39,00
3,30	39,00
3,40	39,00
3,50	39,00
3,60	39,00
3,70	39,00
3,80	39,00
3,90	39,00
4,00	39,00
4,10	39,00
4,20	39,00
4,30	39,00
4,40	37,60
4,50	35,60
4,60	33,70
4,70	32,60
4,80	30,60
4,90	29,30
5,00	27,50
5,10	26,60
5,20	25,10
5,30	23,90
5,40	22,90
5,50	21,80



A. Head plate

B. Inner tube

C. Fastening pin

D. Adjusting nut with handle

E. Outer tube

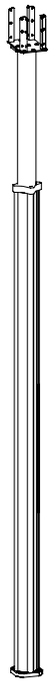
F. Base plate

ALU CP

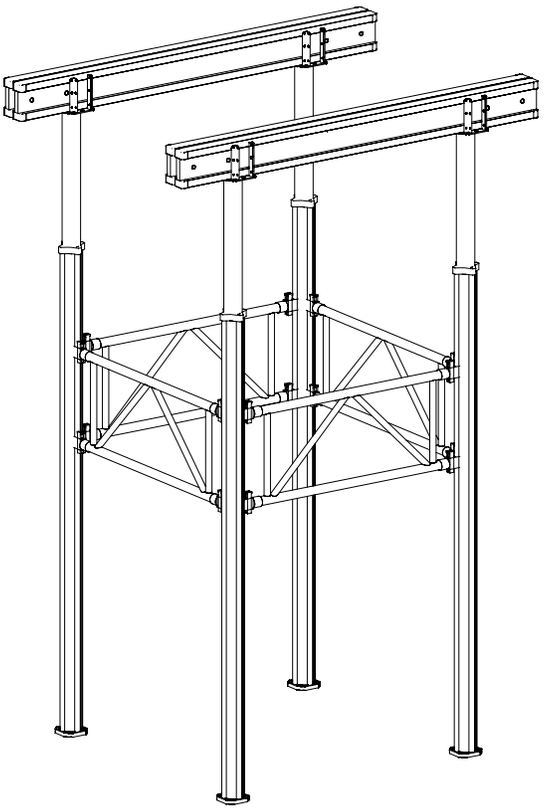
ALU CP props have a variable height from 1.80m to 6.00m.

Light weight thanks to aluminum profiles, but with extremely high load capacity. The specific thread with self-cleaning nut ensures continuous cleaning and allows a fast regulation in the construction site.

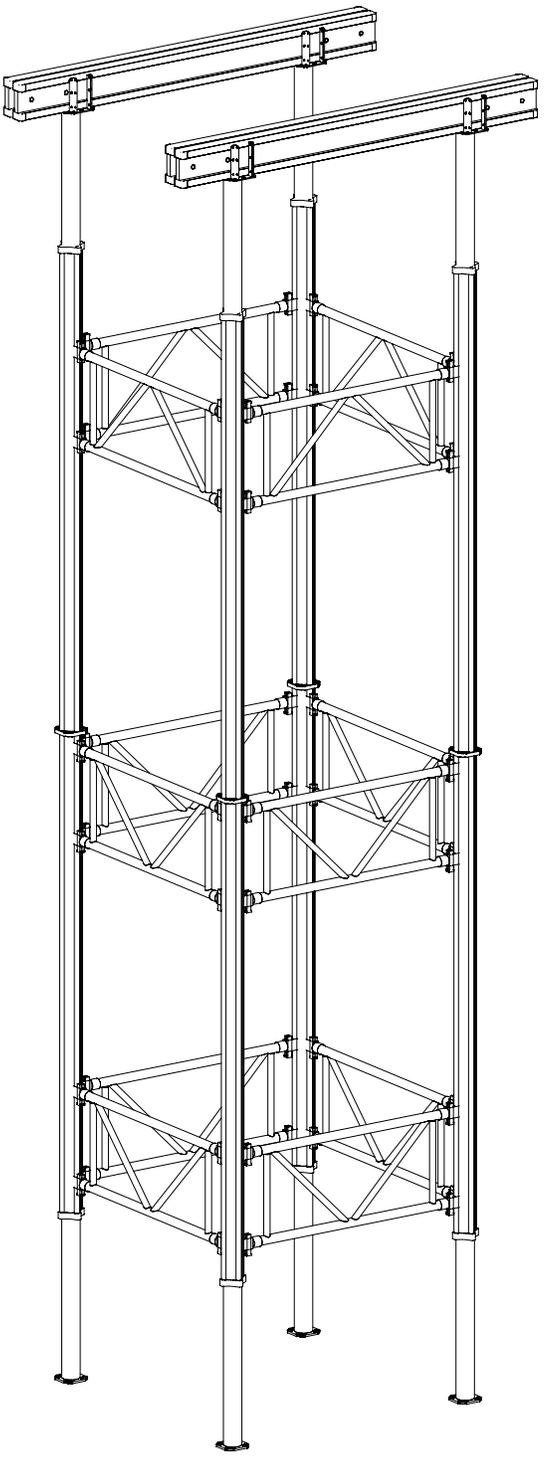
They can be used singularly up to 6m or as standards in shoring tower for higher heights.



1. ALUCP Props



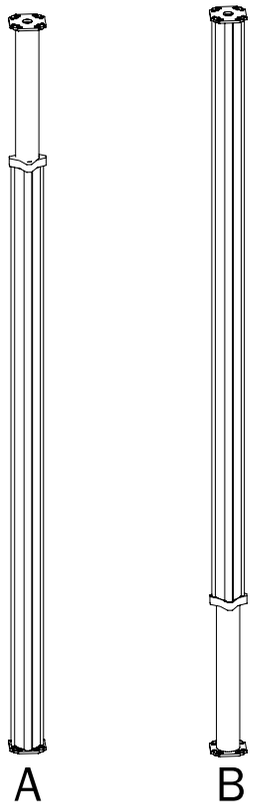
2. ALUCP Tower for heights up to 6,00m



3. ALUCP Tower for heights exceeding to 6,00m

Characteristics

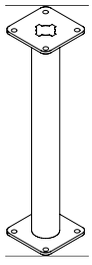
	ALUCP 260		ALUCP 350		ALUCP 480		ALUCP 600	
Lmin [m]	1,80		2,40		3,40		4,45	
Lmax [m]	2,60		3,50		4,80		6,00	
H [m]	LOAD CAPACITY							
	[kN]		[kN]		[kN]		[kN]	
	A	B	A	B	A	B	A	B
1,80	90,0	90,0						
1,90								
2,00								
2,10	82,4							
2,20	70,8							
2,30	64,7							
2,40	63,5		90,0	90,0				
2,45	62,9							
2,50	62,4	88,8						
2,60	60,8	84,2						
2,70								
2,80			81,8	84,1				
2,90			74,7	78,2				
3,00			68,2	72,4				
3,10			62,4	66,5				
3,20			55,9	60,6				
3,30			50,0	54,7				
3,40			44,1	48,8	79,4	76,6		
3,45			41,5	46,1	78,2	76,0		
3,50			39,0	43,4	75,8	74,8		
3,60					71,2	72,4		
3,70					67,1	69,4		
3,80					62,9	66,5		
3,90					59,0	63,9		
4,00					55,9	61,2		
4,10					52,4	58,2		
4,20					48,8	55,9		
4,30					45,9	52,9		
4,40					42,9	50,6		
4,45					41,5	49,1	57,1	52,2
4,50					40,0	47,6	55,4	52,2
4,60					37,1	44,7	53,1	51,3
4,70					34,1	42,4	51,0	50,4
4,80					31,0	40,0	48,5	49,3
4,90							45,7	47,6
5,00							43,0	45,9
5,10							40,3	43,5
5,20							37,7	41,8
5,30							35,3	40,0
5,40							33,3	37,9
5,50							31,2	35,9
5,60							29,1	33,5
5,70							27,4	31,8
5,80							25,3	30,0
5,90							23,5	28,2
6,00							21,8	26,5



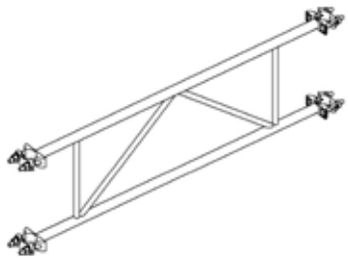
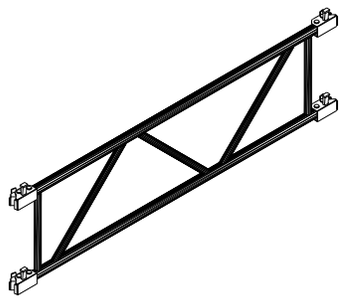
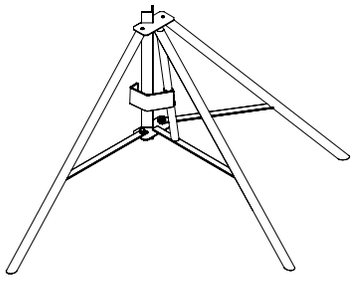
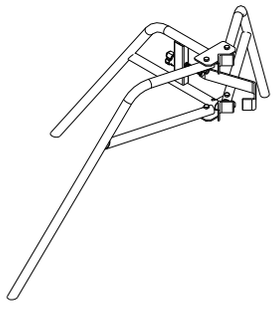
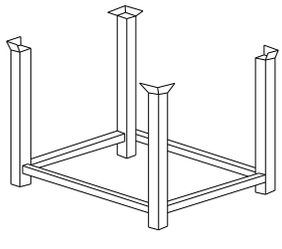
Components

ART.	DIM(cm)	WEIGHT(Kg)
ECON PROP		
40101	300cm	15,9
40131	300cm	14,3
40102	350cm	17,2
40133	350cm	16,1
CEP10 PROP		
40006	350cm	16
40073	350cm	15,2
40007	400cm	18,5
40074	400cm	17,6
CEP20 PROP		
40034	300cm	16,5
40061	300cm	15
40035	350cm	20
40062	350cm	19
40036	400cm	23,3
40063	400cm	22,1
40037	450cm	28,7
40064	450cm	27,3
40038	500cm	32
40065	500cm	30
CEP30 PROP		
40025	300cm	18,6
40058	300cm	17,7
40026	350cm	21,8
40059	350cm	20,7
40027	400cm	31
40060	400cm	29,4
D55 PROP		
40051	L=3,10m-5,50m	36
40053	L=3,10m-5,50m	33
ALUCP PROP		
47001	L=1,80m-2,60m	16
47002	L=2,40m-3,50m	19
47003	L=3,40m-4,80m	24,2
47004	L=4,45m-6,00m	29,9

H50cm EXTENSION FOR CEP10		
49011		3,1
H50cm EXTENSION FOR CEP20 AND CEP30		
49012		4,1



Components

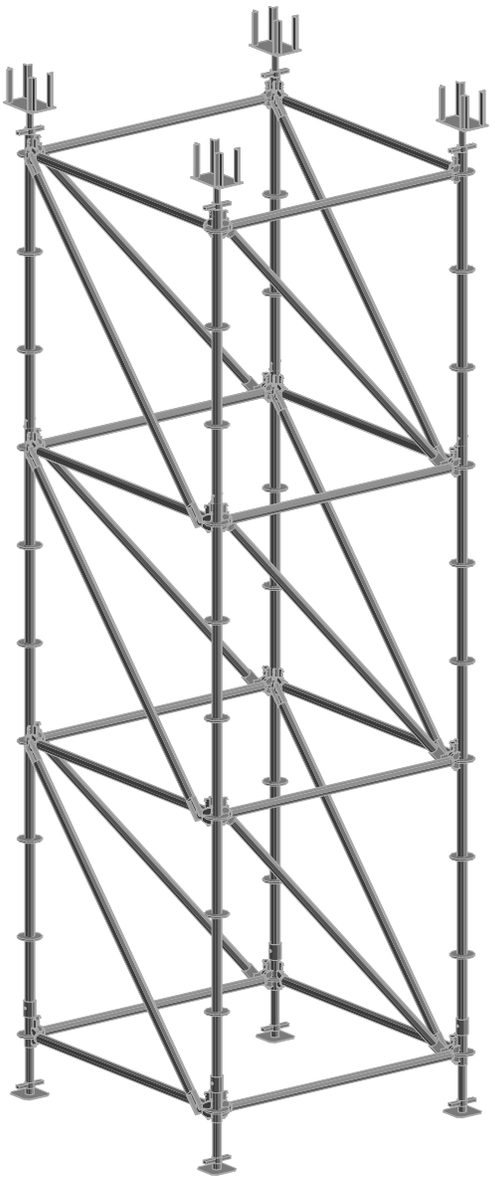
ART.	DIM(cm)	WEIGHT(Kg)	
SUB FRAME FOR EXT. PIPE			
49013		12,7	
49014		15,3	
49015		18,3	
SUB FRAME FOR INT. PIPE			
49016		12,5	
49017		15,1	
49018		18,1	
CP GATE			
47012	L=0,75m	9	
47013	L=0,90m	11	
47014	L=1,20m	12,5	
47015	L=1,50m	15,5	
ALUCP GATE			
47022	L=2,30m	15,45	
TRIPOD FOR GALVANIZED PROP SUPPORT 49005		8,6	
ALU CP TRIPOD 47039		13,4	
MC - GALVANIZED BOX CONTAINER 52229		42	

MC Tower

The universal shoring system based on CONDOR multidirectional scaffolding elements which offers great design versatility saving execution time.

The characteristics of the system are:

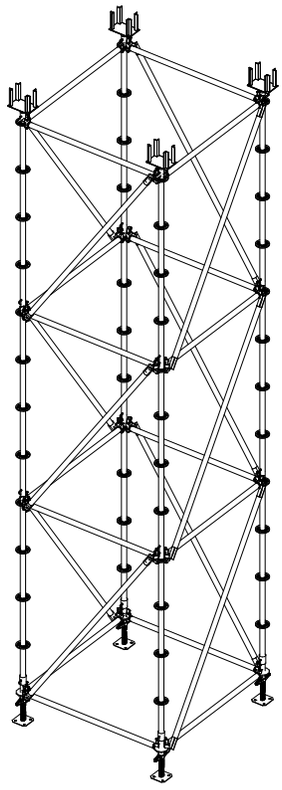
- Simplicity, lightness, flexibility and cost effectiveness;
- Based on standard and modular elements which are more advantageous in many situations compared with traditional shoring;
- Easy design, in case of standard situations with height up to 30m;
- Easy to use, intuitive assembly and disassembly allowing the realization of variable section structures;
- Vertical and horizontal 50 cm modularity (allowing maximum flexibility in design and application);
- Variable load capacity from 30 to 50 kN per standard (therefore, a tower with four standards has a 200 kN maximum capacity);
- Easy to handle with castor wheels full integrated with the tower in case of transportation that allow transportation without disassembly;
- Perfect integration with staircases tower and full compatibility with the system for easy and fast access to all heights of the work;
- Suitable for casting significantly thick slabs, such as underpasses, bridges, viaducts and tunnels;
- Wide range of accessories and components.

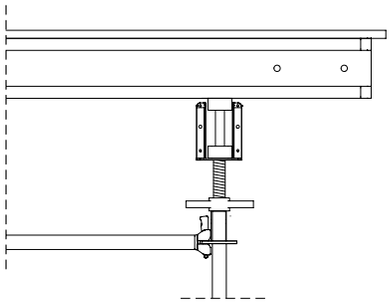


The System

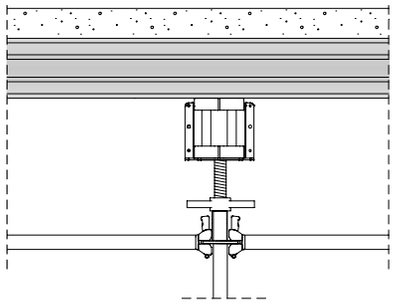
The system is made up of standards, ledgers and diagonals, hot dip galvanized, and offers the chance of being used as single tower or multiple linked towers.

Based on the multidirectional scaffolding, it preserves all its advantages, thus offering great weight/capacity ratio, elements modularity, fast and intuitive assembly and a significant versatility in designingm complex plano-altimetric shapes.

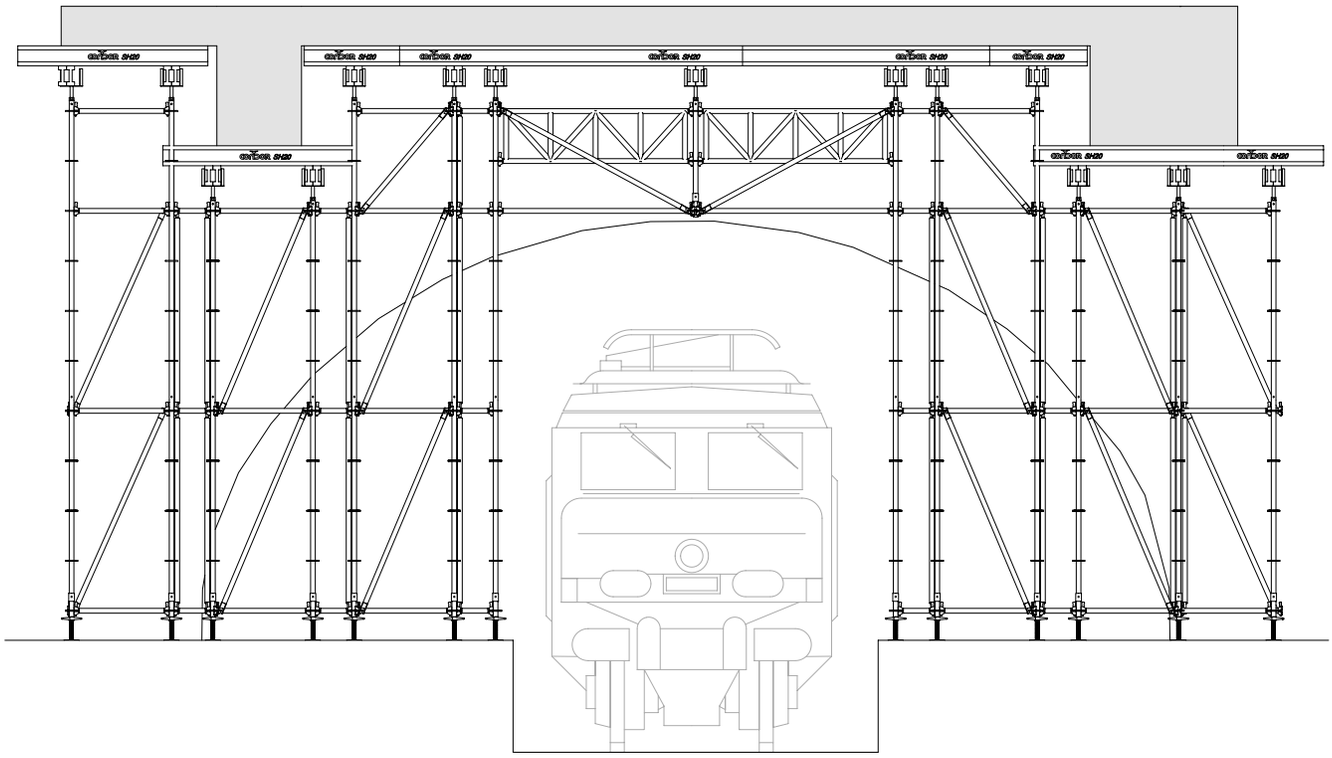




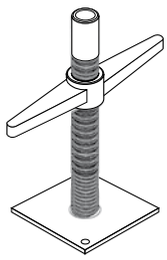
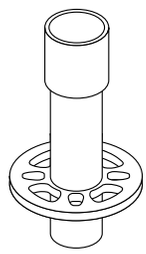
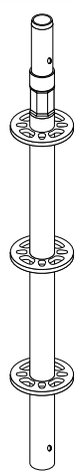
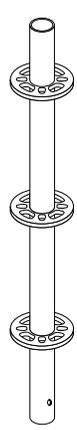
Shoring with primary and secondary beam



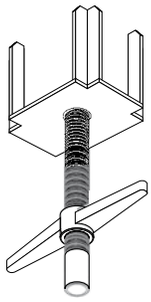
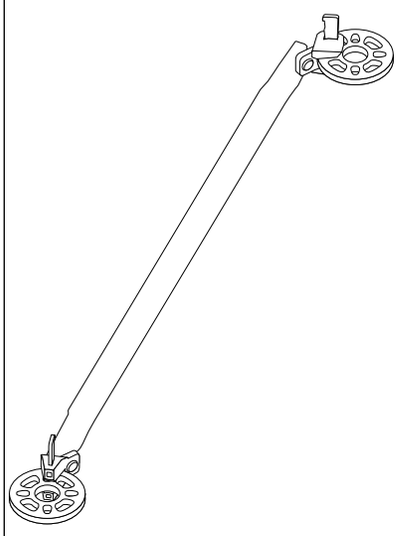
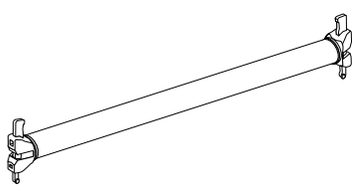
Shoring with primary beam



Components

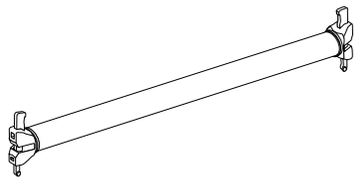
ART.	DIM(cm)	WEIGHT (Kg)	
ADJUSTABLE BASE PLATE			
52002	35cm reg. max 25cm	2,5	
52003	50cm reg. max 35cm	2,9	
52004	80cm reg. max 55cm	4,3	
52005	100cm reg. max 70cm	4,7	
STARTING ELEMENT			
52000	23,5cm	1,6	
STANDARD			
52020	25cm	1,5	
52021	50cm	2,7	
52022	100cm	5,4	
52023	150cm	7,7	
52024	200cm	9,8	
52025	250cm	12	
52026	300cm	14,3	
52027	350cm	18,7	
STANDARD WITHOUT SPIGOT			
52028	25cm	1,3	
52029	50cm	2	
52030	100cm	4,6	
52031	150cm	6,9	
52032	200cm	9	
52033	250cm	11,2	
52034	300cm	13,5	
52035	400cm	17,9	

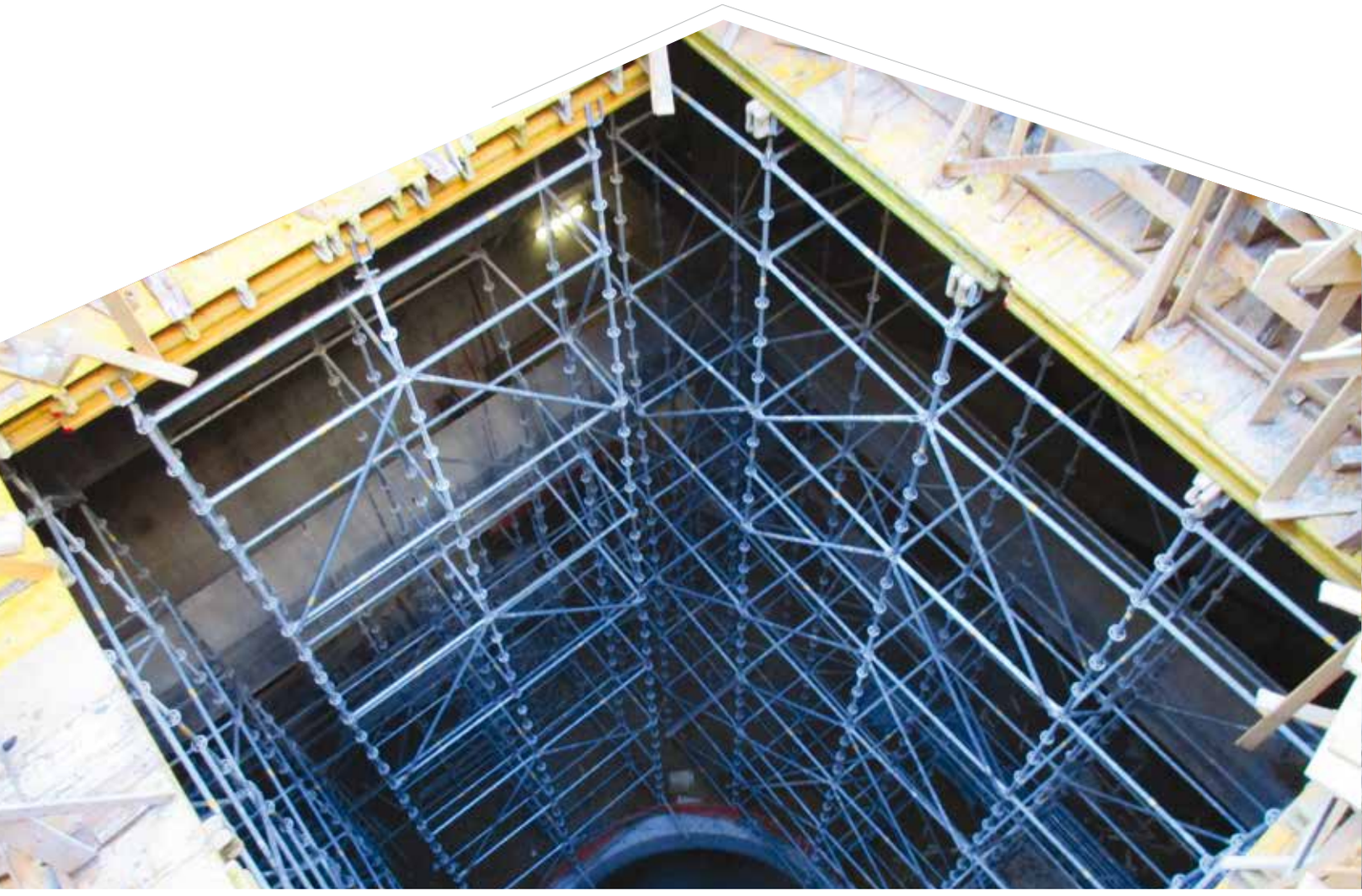
Components

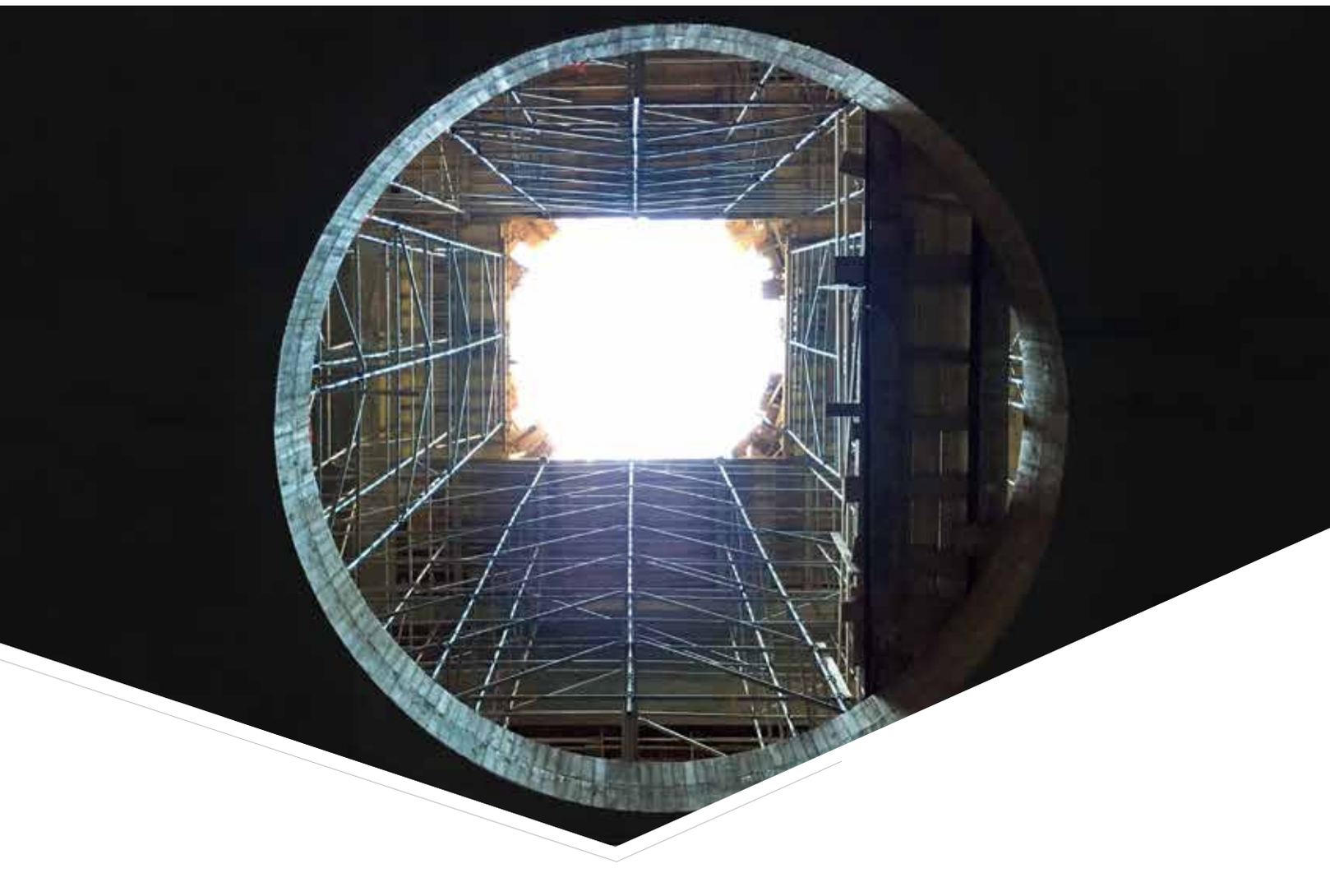
ART.	DIM(cm)	WEIGHT (Kg)	
ADJUSTABLE CROSSHEAD			
49007		5	
FRONT DIAGONAL BRACE			
52100	h200x75cm	8,6	
52101	h200x100cm	8,9	
52102	h200x105cm	9	
52103	h200x113cm	9,1	
52104	h200x150cm	9,7	
52105	h200x180cm	10,4	
52106	h200x200cm	10,8	
52107	h200x250cm	12,1	
52108	h200x300cm	13,5	
52109	h150x75cm	6,9	
52110	h150x100cm	7,2	
52111	h150x105cm	7,4	
52112	h150x113cm	7,5	
52113	h150x150cm	8,3	
52114	h150x180cm	9,1	
52115	h150x200cm	9,6	
52116	h150x250cm	11,1	
52117	h150x300cm	12,6	
52118	h100x75cm	5,3	
52119	h100x100cm	5,8	
52120	h100x105cm	5,9	
52121	h100x113cm	6,1	
52122	h100x150cm	7,1	
52123	h100x180cm	8	
52124	h100x200cm	8,6	
52125	h100x250cm	10,2	
52126	h100x300cm	11,9	
52127	h50x75cm	3,9	
52128	h50x100cm	4,6	
52129	h50x105cm	4,8	
52130	h50x113cm	5,1	
52131	h50x150cm	6,3	
52132	h50x180cm	7,3	
52133	h50x200cm	8	
52134	h50x250cm	9,7	
52135	h50x300cm	11,4	
LEDGER			
52060	41,3cm	1,9	
52061	75cm	3,2	
52062	100cm	4,3	
52063	105cm	4,4	
52064	113cm	4,6	
52065	150cm	6	
52066	180cm	7,1	
52067	200cm	7,8	
52068	250cm	9,6	
52069	300cm	11,4	

Components

ART.	DIM(cm)	WEIGHT (Kg)
FLOOR DIAGONAL BRACE		
52136	100x100cm	5,5
52137	100x200cm	8,3
52144	150x150cm	8,4
52138	150x250cm	10,9
52143	180x180cm	9,8
52139	200x200cm	11,5
52140	200x250cm	13,2
52141	250x250cm	14,6
52142	250x300cm	15

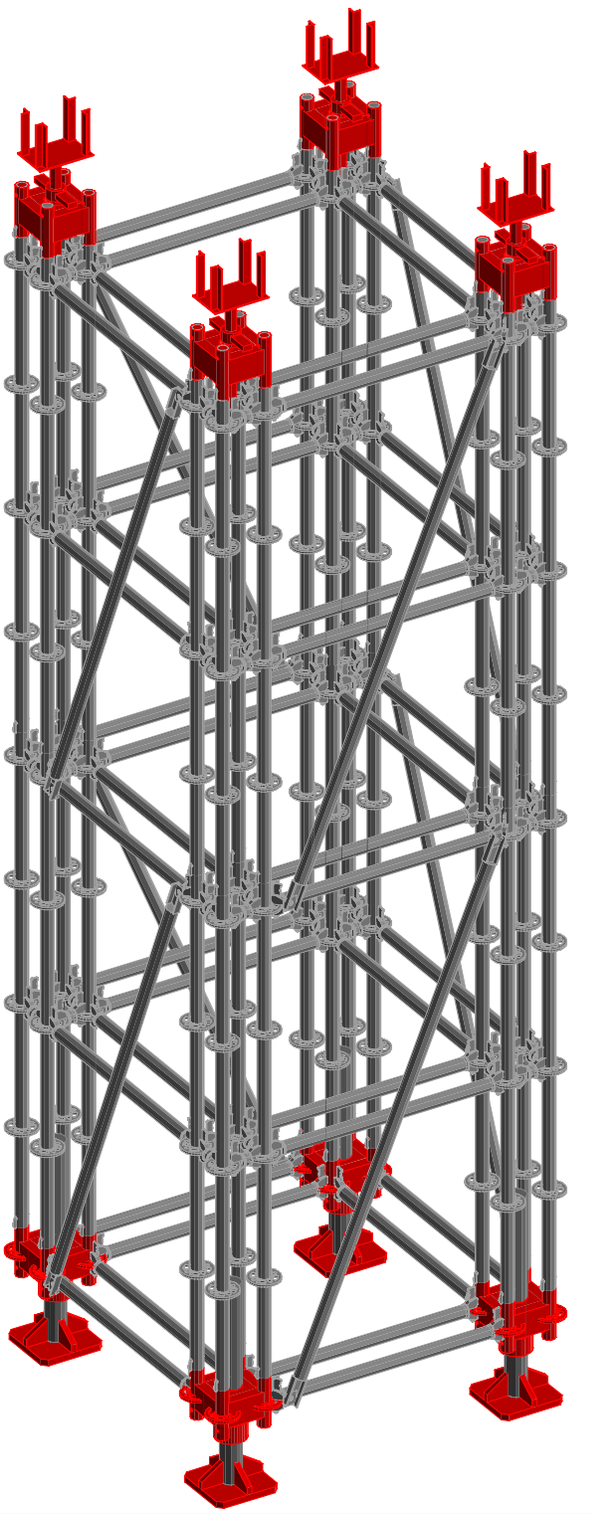






MC High capacity towers

The universal shoring system suitable for heavy concentrated loads in special situations and/or higher altitude works.



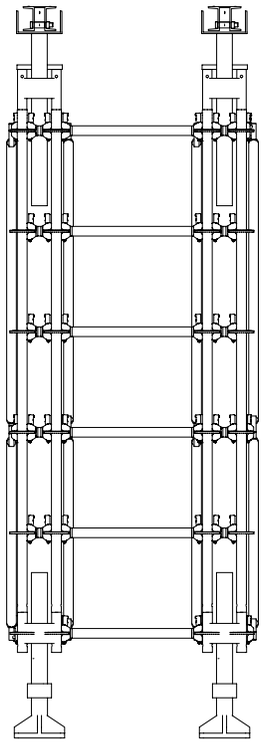
The characteristics of the system are:

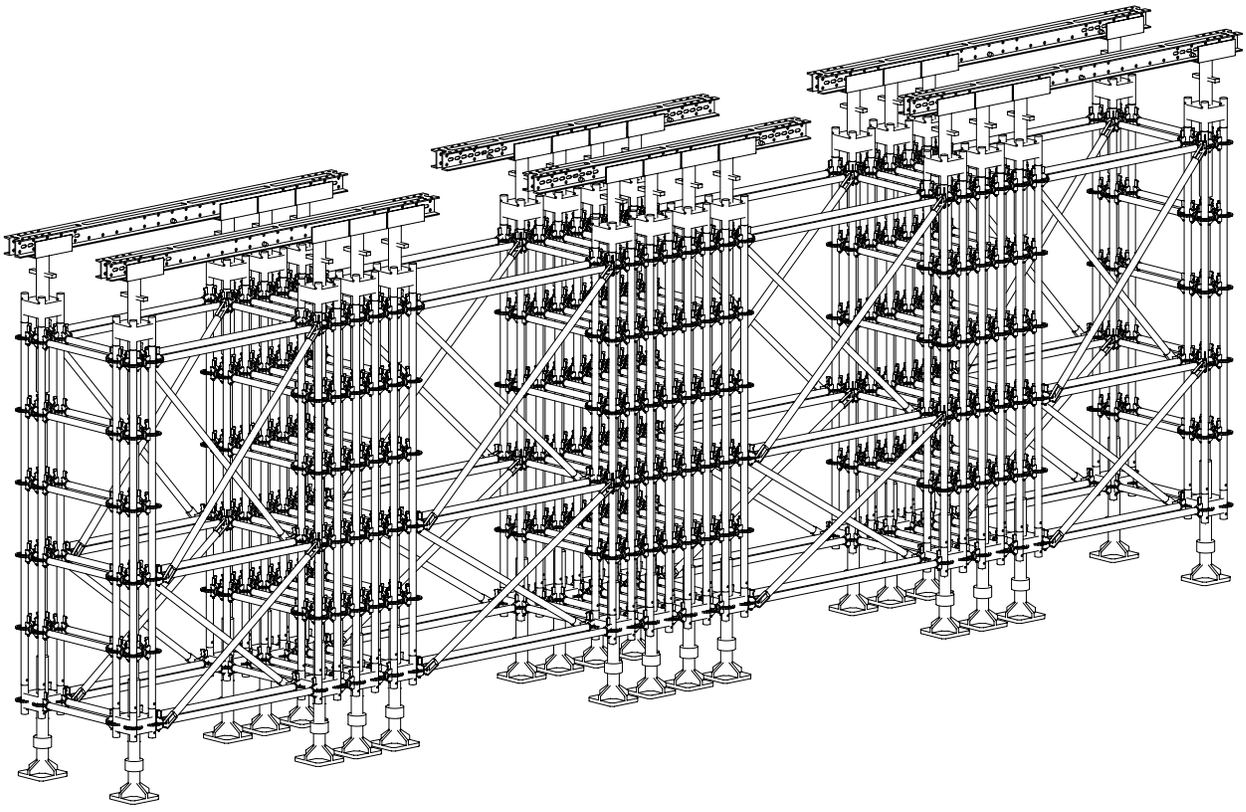
- Resistance: 200 kN maximum load capacity per standard, i.e. 800 kN per tower;
- Modularity: 41 to 300 cm plan size of each tower with 25 to 400 cm standards;
- Flexibility: resulting from Multicom multidirectional scaffolding and combined with accessories specifically designed for this system, takes all the advantages of the standard system allowing highly accurate design in any situation;
- Durability: each element is protected by a hot dip galvanized finishing;
- Full compatibility with all CONDOR formwork systems, thanks to the wide range of accessories specifically designed for this system.

The System

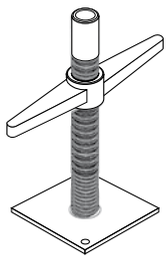
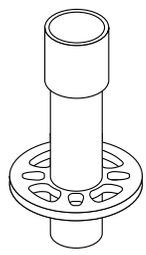
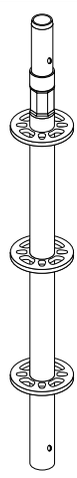
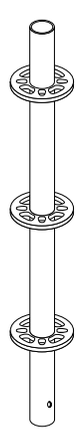
The system is a special application of Multicom towers, where each vertical element consist of four standards achiving up to 800 kN load capacity.

Full compatibility with all CONDOR systems, especially with OMNI waler system used as steel support beams, allows the extension of all the system's advantages, thus widening the field of application: from residential construction (such as the case of maintenance of columns for structures damaged by fire and/or earthquakes) to industrial construction (support for slabs for installation of machinery, bunker design) and infrastructures (prefabricated beams for viaducts, temporary towers for bridge shoring, slab re-shoring, tunnels).

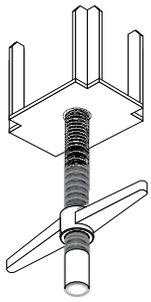
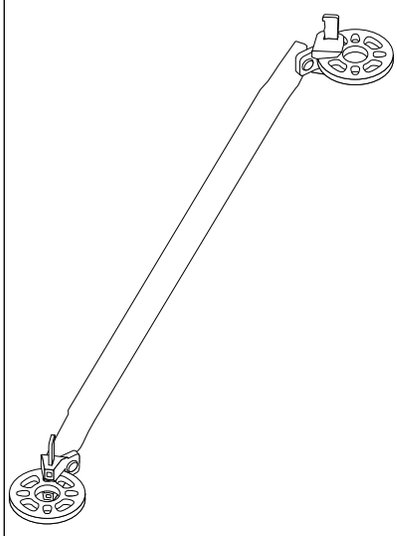
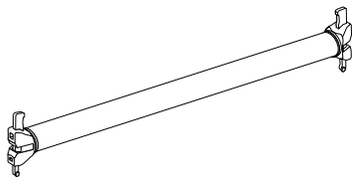




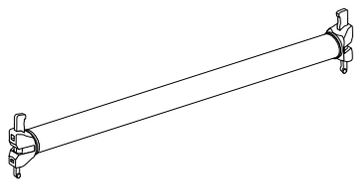
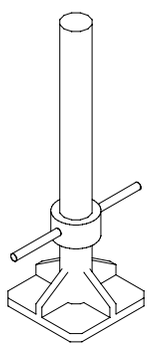
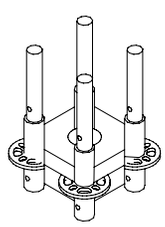
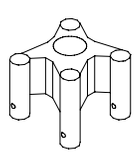
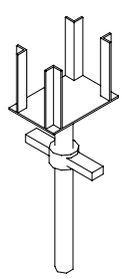
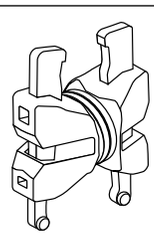
Components

ART.	DIM(cm)	WEIGHT (Kg)	
ADJUSTABLE BASE			
52002	35cm reg. max 25cm	2,5	
52003	50cm reg. max 35cm	2,9	
52004	80cm reg. max 55cm	4,3	
52005	100cm reg. max 70cm	4,7	
STARTING ELEMENT			
52000	23,5cm	1,6	
LEDGER			
52020	25cm	1,5	
52021	50cm	2,7	
52022	100cm	5,4	
52023	150cm	7,7	
52024	200cm	9,8	
52025	250cm	12	
52026	300cm	14,3	
52027	350cm	18,7	
STANDARD WITHOUT SPIGOT			
52028	25cm	1,3	
52029	50cm	2	
52030	100cm	4,6	
52031	150cm	6,9	
52032	200cm	9	
52033	250cm	11,2	
52034	300cm	13,5	
52035	400cm	17,9	

Components

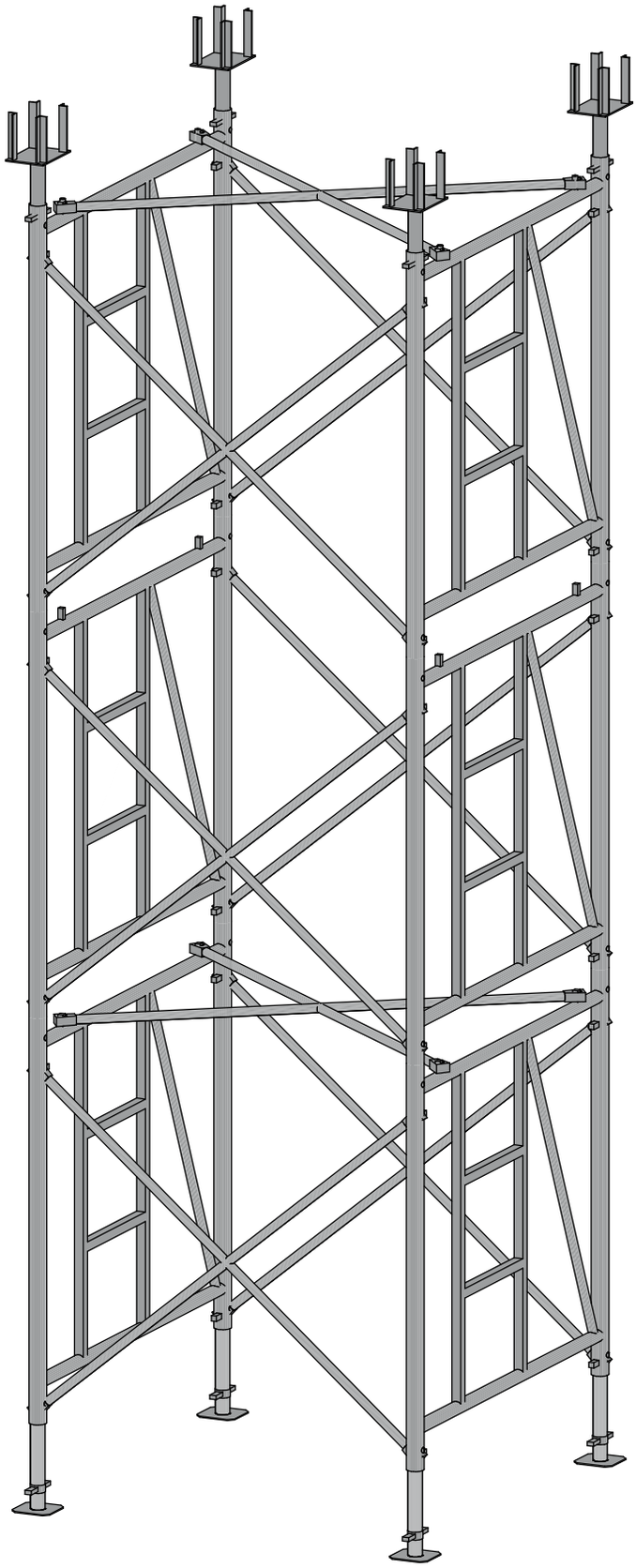
ART.	DIM(cm)	WEIGHT (Kg)	
ADJUSTABLE CROSSHEAD			
49007		5	
FRONT DIAGONAL BRACE			
52100	h200x75cm	8,6	
52101	h200x100cm	8,9	
52102	h200x105cm	9	
52103	h200x113cm	9,1	
52104	h200x150cm	9,7	
52105	h200x180cm	10,4	
52106	h200x200cm	10,8	
52107	h200x250cm	12,1	
52108	h200x300cm	13,5	
52109	h150x75cm	6,9	
52110	h150x100cm	7,2	
52111	h150x105cm	7,4	
52112	h150x113cm	7,5	
52113	h150x150cm	8,3	
52114	h150x180cm	9,1	
52115	h150x200cm	9,6	
52116	h150x250cm	11,1	
52117	h150x300cm	12,6	
52118	h100x75cm	5,3	
52119	h100x100cm	5,8	
52120	h100x105cm	5,9	
52121	h100x113cm	6,1	
52122	h100x150cm	7,1	
52123	h100x180cm	8	
52124	h100x200cm	8,6	
52125	h100x250cm	10,2	
52126	h100x300cm	11,9	
52127	h50x75cm	3,9	
52128	h50x100cm	4,6	
52129	h50x105cm	4,8	
52130	h50x113cm	5,1	
52131	h50x150cm	6,3	
52132	h50x180cm	7,3	
52133	h50x200cm	8	
52134	h50x250cm	9,7	
52135	h50x300cm	11,4	
LEDGER			
52060	41,3cm	1,9	
52061	75cm	3,2	
52062	100cm	4,3	
52063	105cm	4,4	
52064	113cm	4,6	
52065	150cm	6	
52066	180cm	7,1	
52067	200cm	7,8	
52068	250cm	9,6	
52069	300cm	11,4	

Components

ART.	DIM(cm)	WEIGHT(Kg)	
FLOOR DIAGONAL BRACE			
52136	100x100cm	5,5	
52137	100x200cm	8,3	
52144	150x150cm	8,4	
52138	150x250cm	10,9	
52143	180x180cm	9,8	
52139	200x200cm	11,5	
52140	200x250cm	13,2	
52141	250x250cm	14,6	
52142	250x300cm	15	
REINFORCED BASE PLATE			
52442		15	
INFERIOR CONNECTION ELEMENT			
52441		20	
SUPERIOR CONNECTION HEAD			
52440		16	
REINFORCED ADJUSTABLE CROSSHEAD			
52443		14	
DOUBLE HEAD COUPLER			
52221		2,8	

TC80 - TCs80 Towers

The modular frame system for large shoring-heights and high loads.



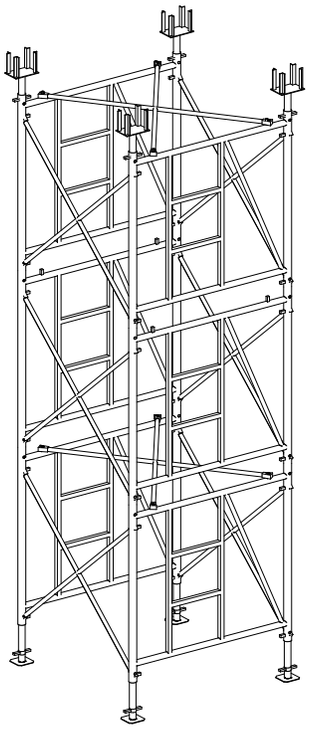
The characteristics of the system are:

- Low number of elements for easy and fast assembly, disassembly and handling;
- Resistance: 80 kN maximum load capacity per standard, i.e. 320 kN per tower;
- Modularity: the 50 cm span makes the system very flexible and allows to design accurately in any situation;
- Durability: each element is protected by a hot dip galvanized finishing;
- Great adjusting flexibility of head and base plate, which is extremely useful for accurate regulation of non-flat slabs and for striking operation;
- Safety: several PPE (Personal Protective Equipment) connection points, frame locking device, access stair integrated in each frame;
- Available also the TCs80 type without integrated stair for cheaper solutions.

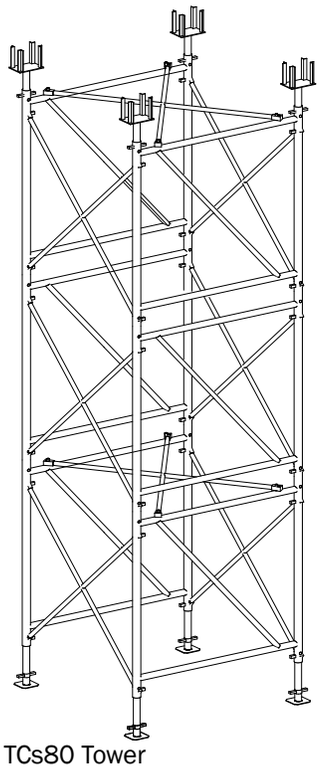
The System

TC80 Towers are made up of few elements, all produced in hot-dip galvanized steel: adjustable base and crosshead, modular frames available in 12 different configurations and diagonal crosses.

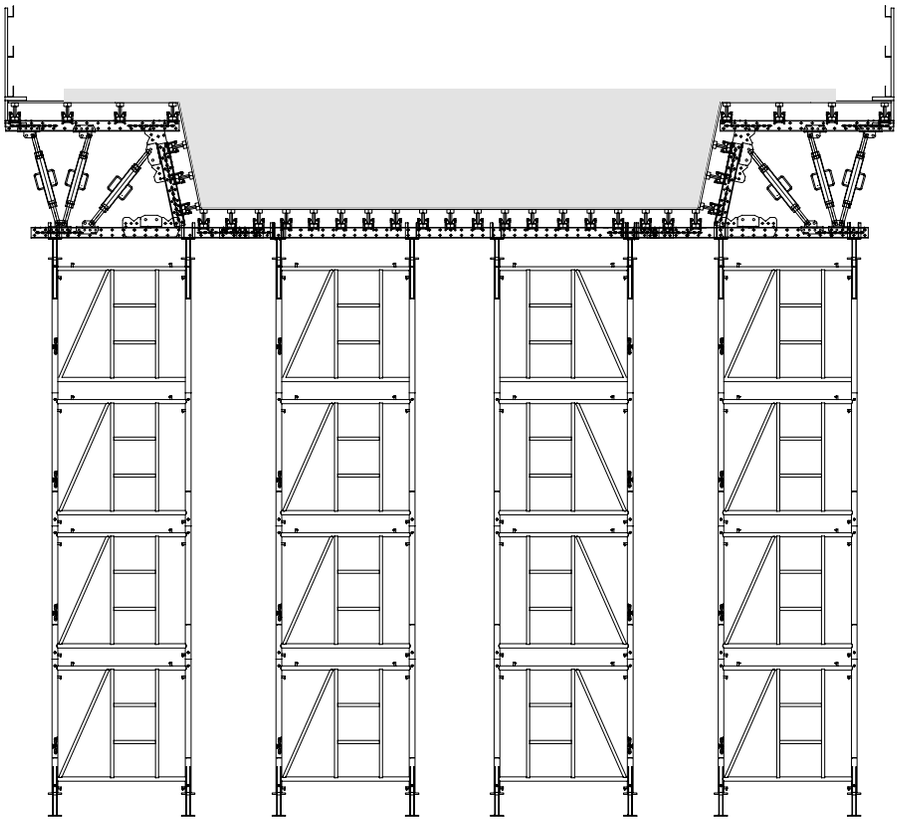
Thanks to the system's perpendicularity guaranteed by frames, floor diagonal brace and diagonal, immediate stability is achieved while assembling with significant time-saving in safe conditions during all the phases. Therefore, towers are light and strong, with up to 80 kN load capacity each vertical element, thus equal to 320 kN per tower. Versatility of use and easy assembly, combined with wooden beams system for slab make this system suitable for shoring slabs of bridges, viaducts, tunnels, underpasses and parking.



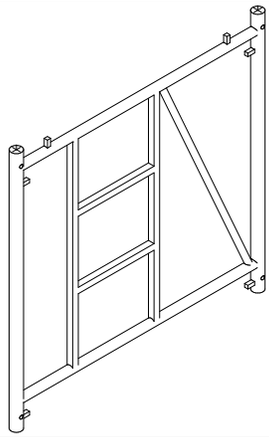
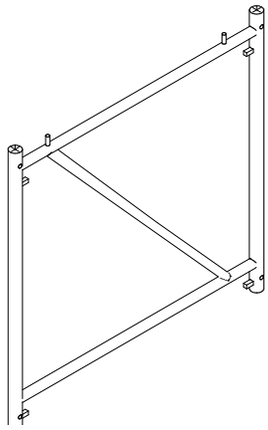
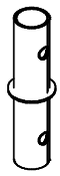
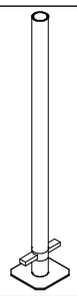
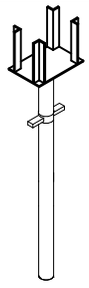
TC80 Tower



TCs80 Tower

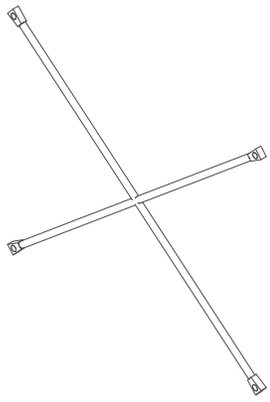


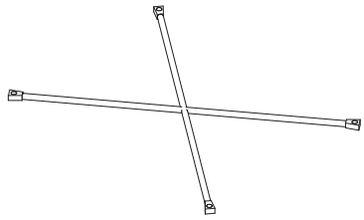
Components

ART.	DIM(cm)	WEIGHT (Kg)	
TC80 FRAME			
56001	100x150cm	25,7	
56002	150x150cm	31,7	
56003	200x150cm	35	
56004	250x150cm	38,4	
56005	100x100cm	18,9	
56006	150x100cm	24	
56007	200x100cm	27,3	
56008	250x100cm	30,7	
56009	100x50cm	12,1	
56010	150x50cm	15,5	
56011	200x50cm	18,8	
56012	250x50cm	22,2	
TCs80 FRAME			
56101	100x150cm	24,7	
56102	150x150cm	30	
56105	100x100cm	18	
56006	150x100cm	23,6	
56009	100x50cm	11	
56010	150x50cm	14,8	
CONNECTION PIN			
56040		1,4	
ADJUSTABLE BASE 100 TC			
56041		11,5	
ADJUSTABLE CROSSHEAD 100 TC			
56042		13,6	

Components

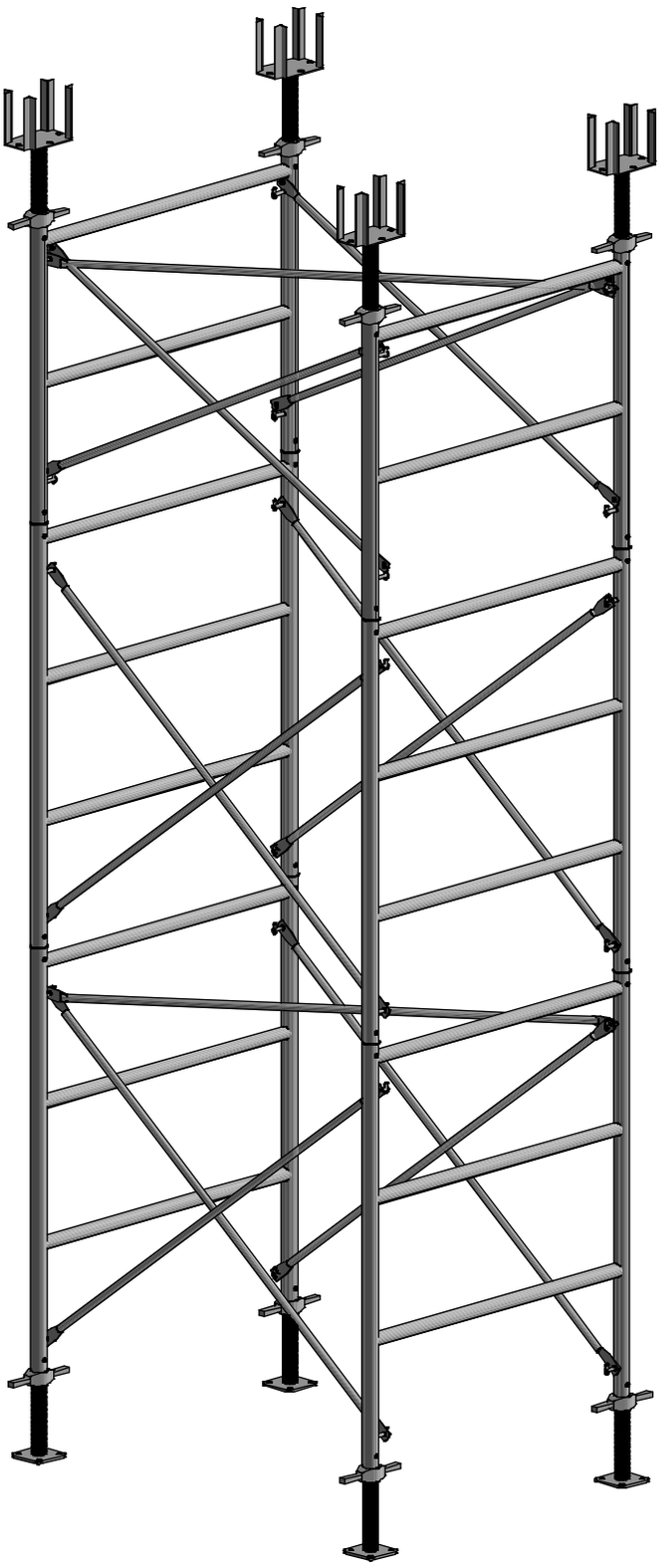
ART.	DIM(cm)	WEIGHT (Kg)	
DIAGONAL BRACING CROSS			
56013	100x125cm	6,4	
56014	150x125cm	7,8	
56015	200x125cm	9,4	
56016	250x125cm	11,1	
56017	100x75cm	5,1	
56018	150x75cm	6,8	
56019	200x75cm	8,6	
56020	250x75cm	10,4	
FLOOR DIAGONAL BRACE			
56021	150x100cm	6,1	
56022	150x150cm	7,5	
56023	150x200cm	9,2	
56024	150x250cm	10,9	
56026	100x150cm	6,5	





TC60 Towers

The modular frame system for large shoringheights and high loads.



The characteristics of the system are:

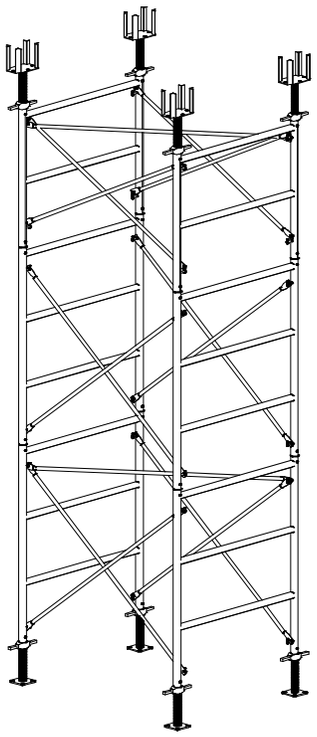
- Low number of elements for easy and fast assembly, disassembly and handling;
- Resistance: 60 kN maximum load capacity per standard, i.e. 240 kN per tower;
- Modularity: the 50 cm span makes the system very flexible and allows to design accurately in any situation;
- Durability: each element is protected by a hot dip galvanized finishing;
- Great adjusting flexibility of head and base plate, which is extremely useful for accurate regulation of non-flat slabs and for striking operation;
- Safety: several PPE (Personal Protective Equipment) connection points, frame locking device, access stair integrated in each frame;
- Equipped with a range of safety accessories, such as decks, internal staircases and external parapets.

The System

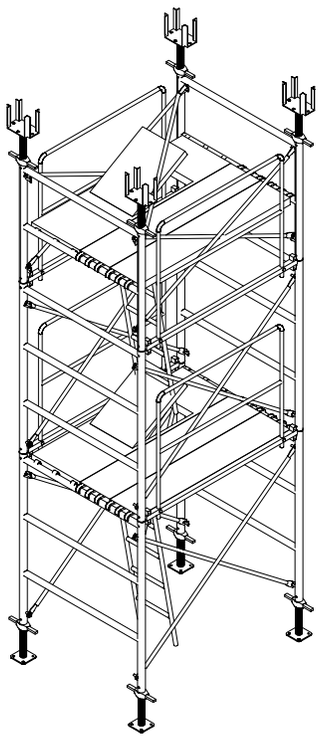
TC60 Towers are made up of few elements, all produced in hot-dip galvanized steel: adjustable base and crosshead, modular frames and diagonal crosses.

Thanks to the system's perpendicularity guaranteed by frames, floor diagonal brace and diagonal, immediate stability is achieved while assembling with significant time-saving in safe conditions during all the phases. Therefore, towers are light and strong, with up to 60 kN load capacity each vertical element, thus equal to 240 kN per tower. Versatility of use and easy assembly, combined with wooden beams system for slab make this system suitable for shoring slabs of bridges, viaducts, tunnels, underpasses and parking.

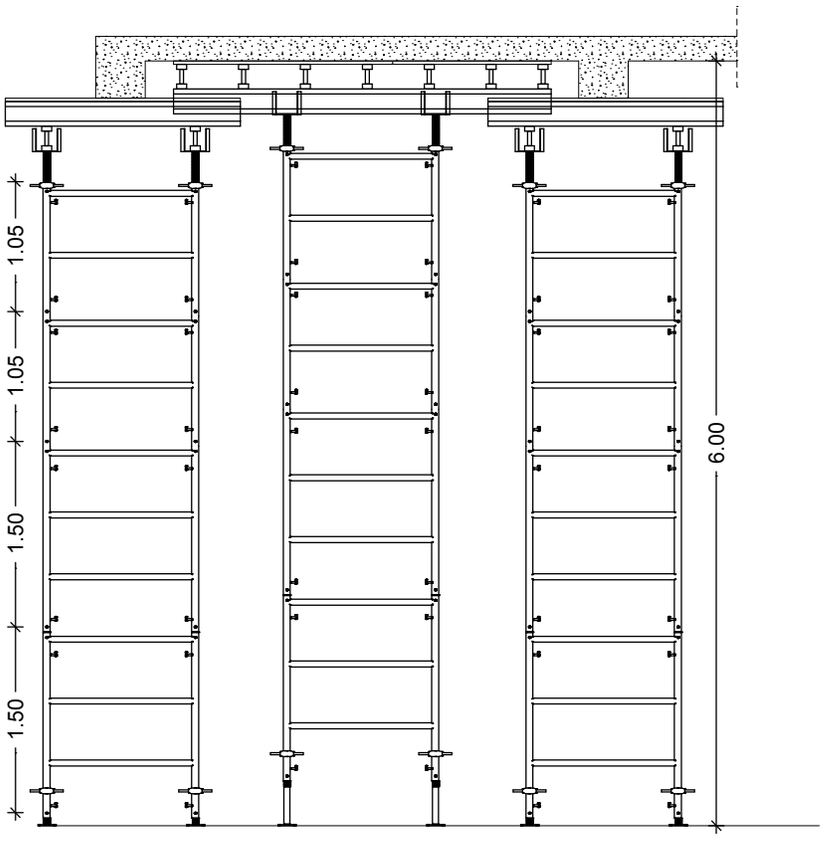
The system guarantees flexibility thanks to the elements of different height (105/150cm) realized in galvanized steel, light and resistant.



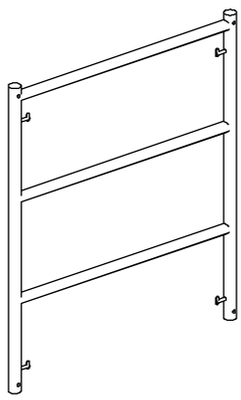
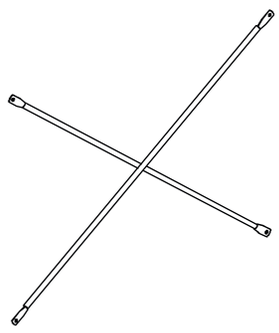
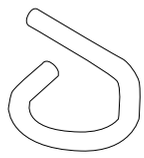
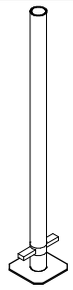
TC60 Tower



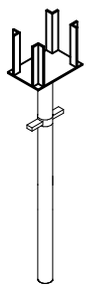
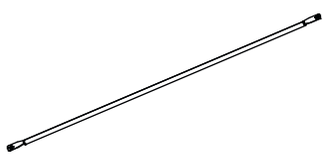
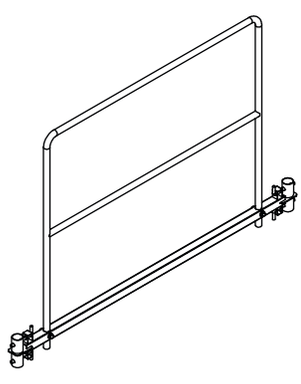
TC60 Tower with parapet



Components

ART.	DIM(cm)	WEIGHT (Kg)	
FRAME TC60			
56201	120x150cm	18,2	
56202	120x105cm	12,6	
DIAGONAL			
56210	150x160cm	5,2	
56211	105x160cm	4,6	
CONNECTION PIN			
56220		0,5	
PEG			
56221		0,2	
ADJUSTABLE BASE 85			
56225		7	

Components

ART.	DIM(cm)	WEIGHT (Kg)	
ADJUSTABLE HEAD-CROSS 56226		9,5	
HORIZONTAL DIAGONAL 56215	120x160cm	2,4	
PARAPET TC60 56216		12,6	

Formwork accessories


CONDOR

SH20
Wooden beams

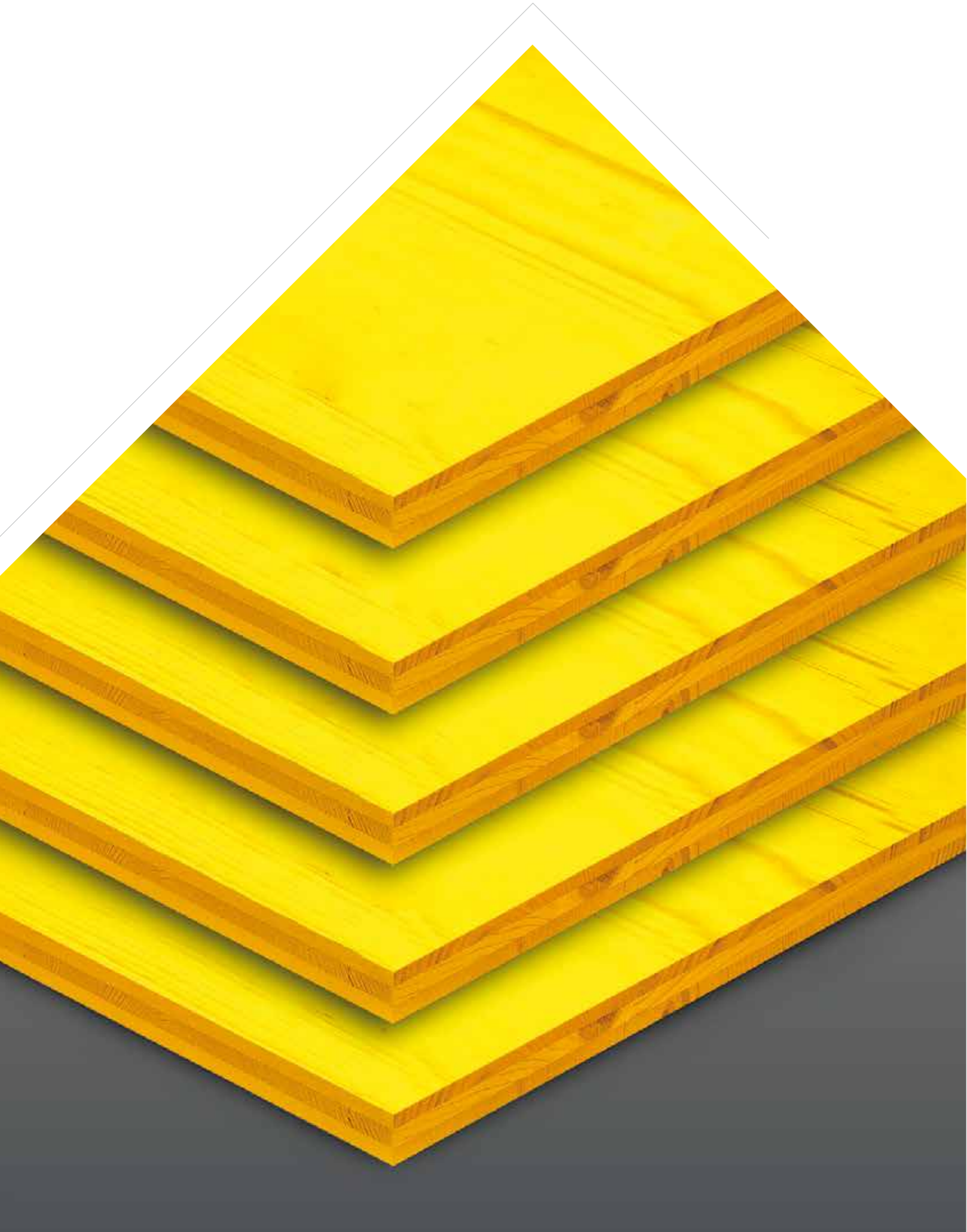
Standard spruce formwork beams with Double-T solid-web section. Chords are connected to the web with finger jointing and glued together with melamine resin in compliance with EN 301 standard. The external surface is treated with water-resistan colorstain and chords' extremity are protected from possible splintering with plastic protective cap.

The characteristics of the system are:

- Handy, light and strong;
- Crushproof;
- Durable;
- All lengths available (possibility to cut to measure);
- Frost- and shock-resistant;
- Class B2 fire-resistant.

Mechanical properties as provided by EN-13377 standard:

- 5kNm maximum permissible moment;
- 11kN permissible shear load;
- 480 kN/m^2 stiffness (EI module).



3-ply panel

Standard formwork panel, made up of three layers of spruce panels glued together and produced in 21 and 27mm thickness.
The three solid wood panels are glued together with the BFU 100 (AW 100) glue, external finishing is with resistant melamine resine coating(130g/sqm) and edges protected with water repellent polyurethane sealant, in compliance with Austrian standard Ö-Norm B 3023.

The characteristics of the system are:

- High dimensional stability;
- High quality of concrete finishing;
- Water-repellent edge sealing;
- Covering in high-resistance yellow melamine resin (130 g/sqm);
- High number of re-uses: average values included between 20-30 (values are purely indicative and strongly depend on conditions of use and treatment).

Certifications:

- Austrian standard Ö-Norm B 3023 (3 layer formwork panels);
- PEFC (Program for the Endorsement of Forest Certification schemes – International certification system for the sustainable management of forests). It ensures that the company has a tracking system for wooden products coming from PEFC-certificated woods.

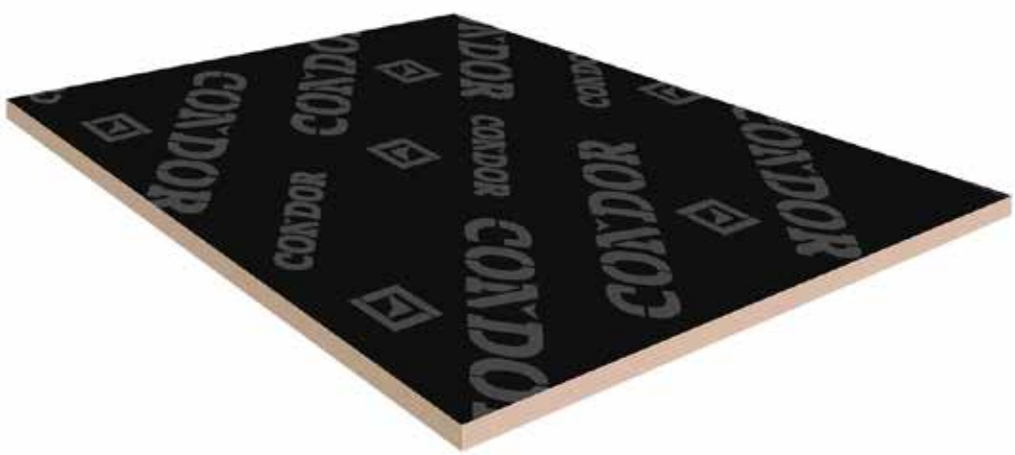

COMDOMCONTOP

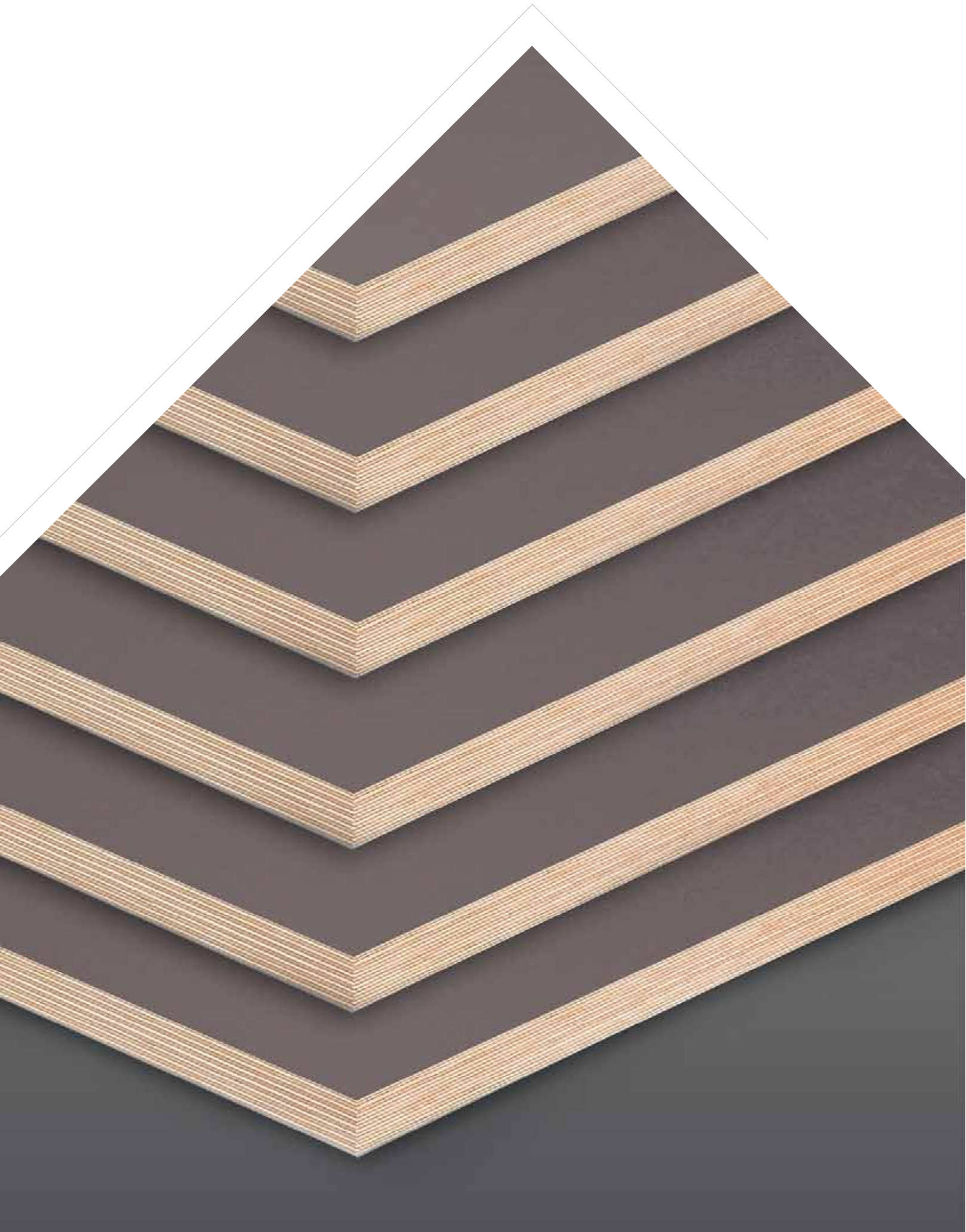
Plywood with phenolic covering

100% birch plywood panel composed of thincross-bonded veneers glued togheter (according to EN 314-2/class 3, for external use), external surface are treated with a water-proof and wear-resistant phenolic resin film(220 g/sqm for each face).

The characteristics of the system are:

- Fair-faced concrete finishing;
- Perfect sealing of junctions;
- High number of re-uses: average values included between 20-80 (values are purely indicative and strongly depend on conditions of use and treatment).



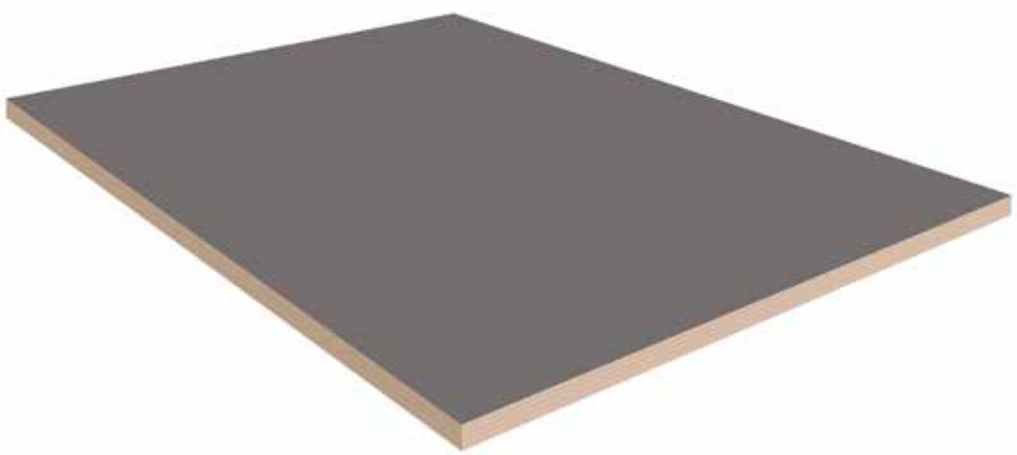


Plywood with plastic covering

100% birch plywood panel with woodplastic composite coating. The polyolefin coating allows the improvement of the traditional plywood panel with phenolic film.

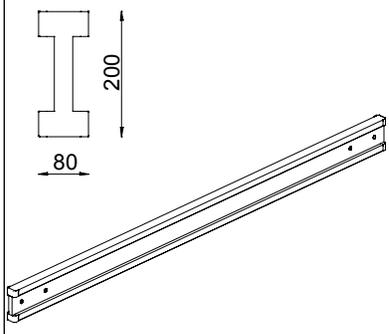
The characteristics of the system are:

- High quality of concrete finishing even after multiple uses;
- High resistance to scraping and UV rays, higher durability;
- Significant reduction of water absorption;
- High resistance to corrosive chemical agents, such as concrete alkali that attack the plywood during the concrete casting;
- Easy and fast cleaning after casting;
- Fully recyclable.



Components

ART.	DIM(cm)	WEIGHT (Kg)
SH20 WOODEN BEAMS		
20039	145cm	7,3
20048	190cm	9,5
20050	215cm	10,8
20040	245cm	12,3
20049	265cm	13,3
20041	290cm	14,5
20042	330cm	16,5
20043	360cm	18
20044	390cm	19,5
20045	450cm	22,5
20046	490cm	24,5
20047	590cm	29,5



3S THREE-LAYER PANEL

Thickness: 27mm

11951	50x150cm	10,2
11952	50x200cm	13,5
11953	50x250cm	16,9

Available in different size.

PLYWOOD WITH PHENOLIC COVERING

Thickness: 9mm

11941	150x300cm	28,4

Thickness: 15mm

11943	150x300cm	46,8

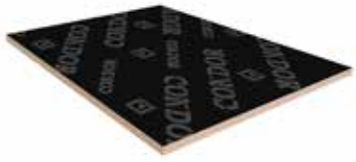
Thickness: 18mm

11945	150x300cm	56,2

Thickness: 21mm

11938	125x300cm	46
11947	150x300cm	66,2

Available in different size.

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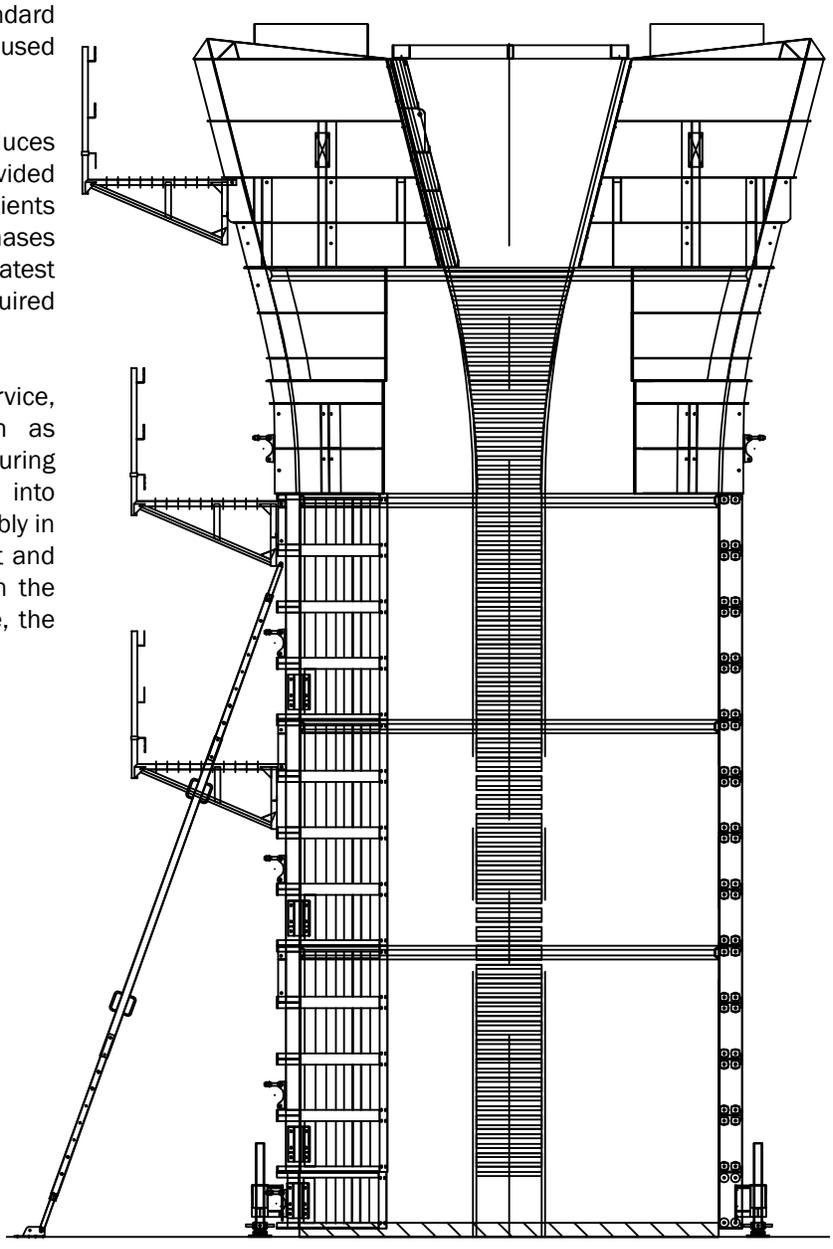
Special formwork

In case of complex projects or special construction techniques, when clients' requests cannot be satisfied with standard systems and equipments, "special" steel formwork are proposed, realized in wood or steel shapes custom-designed, fully compatible with standard systems or properly supported by shoring towers with integrated early striking system and sometimes including concrete vibration systems pre-assembled on the special formwork.

All solutions are designed in order to employ higher and higher percentages of standard modular equipment which can be used again for other jobsites.

In the latter case, formwork rent reduces costs but not the quality of materials provided and works performed. In this way, clients do not have to bear expensive purchases but they can freely access the use of latest technologies in the ways and times required by the specific construction site.

Together with this essential service, CONDOR offers many others, such as technical and commercial support during estimation phase, guiding the client into choosing the best products, pre-assembly in the warehouse of designed equipment and highly specialized technical support in the construction site, in order to complete, the full assembly of the equipment.

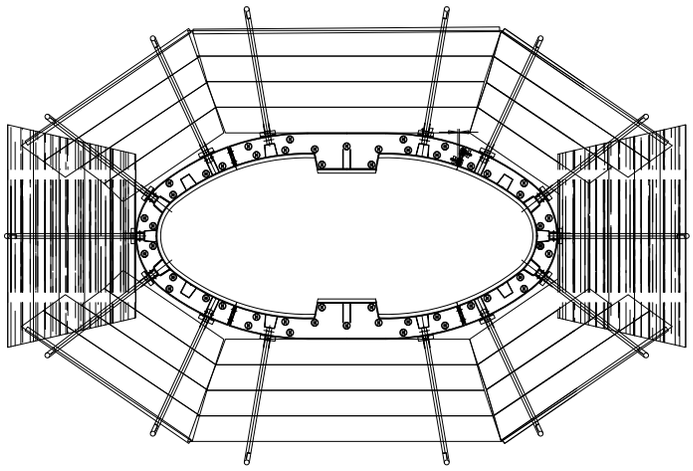


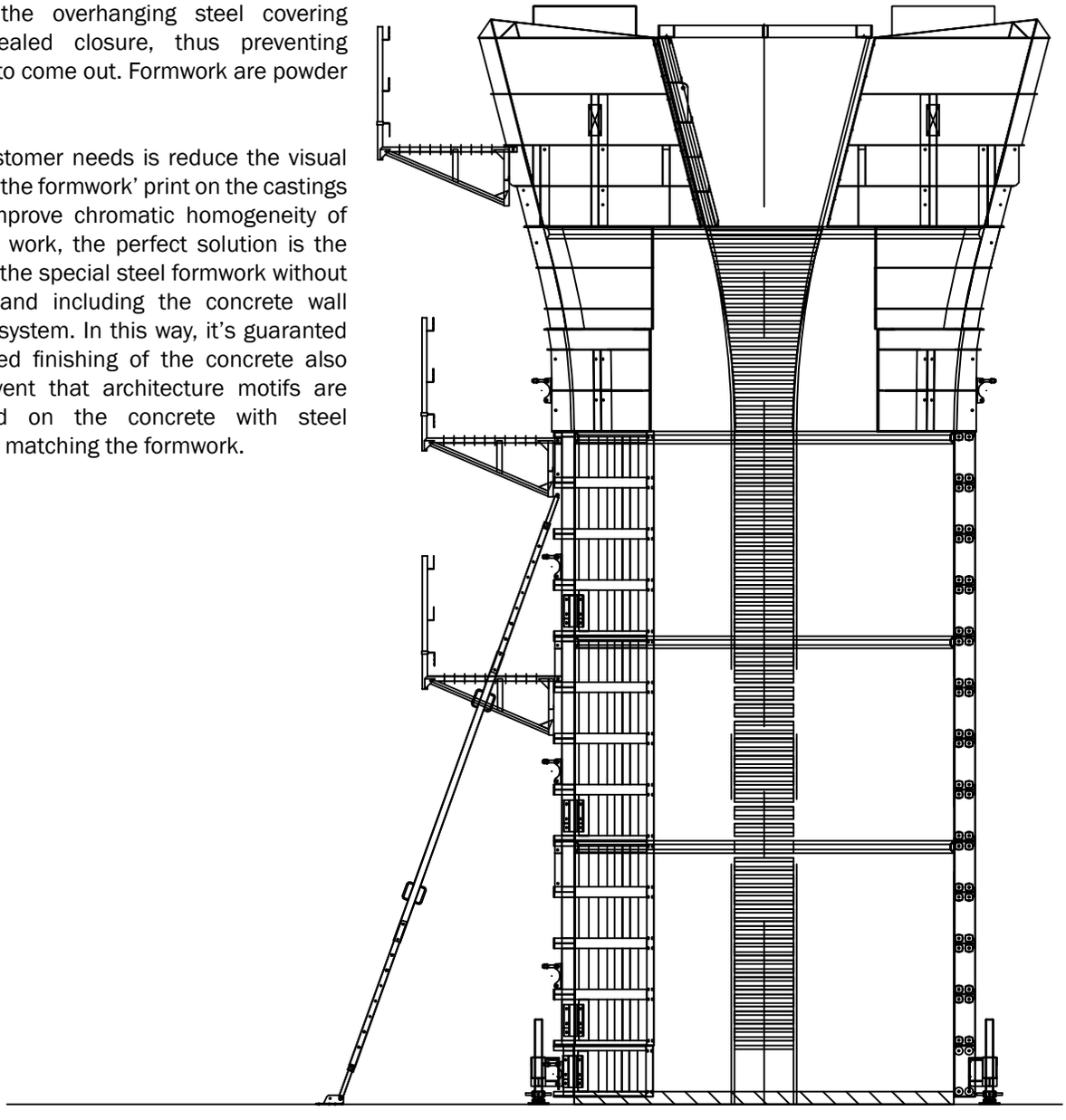
SPECIAL STEEL FORMWORK

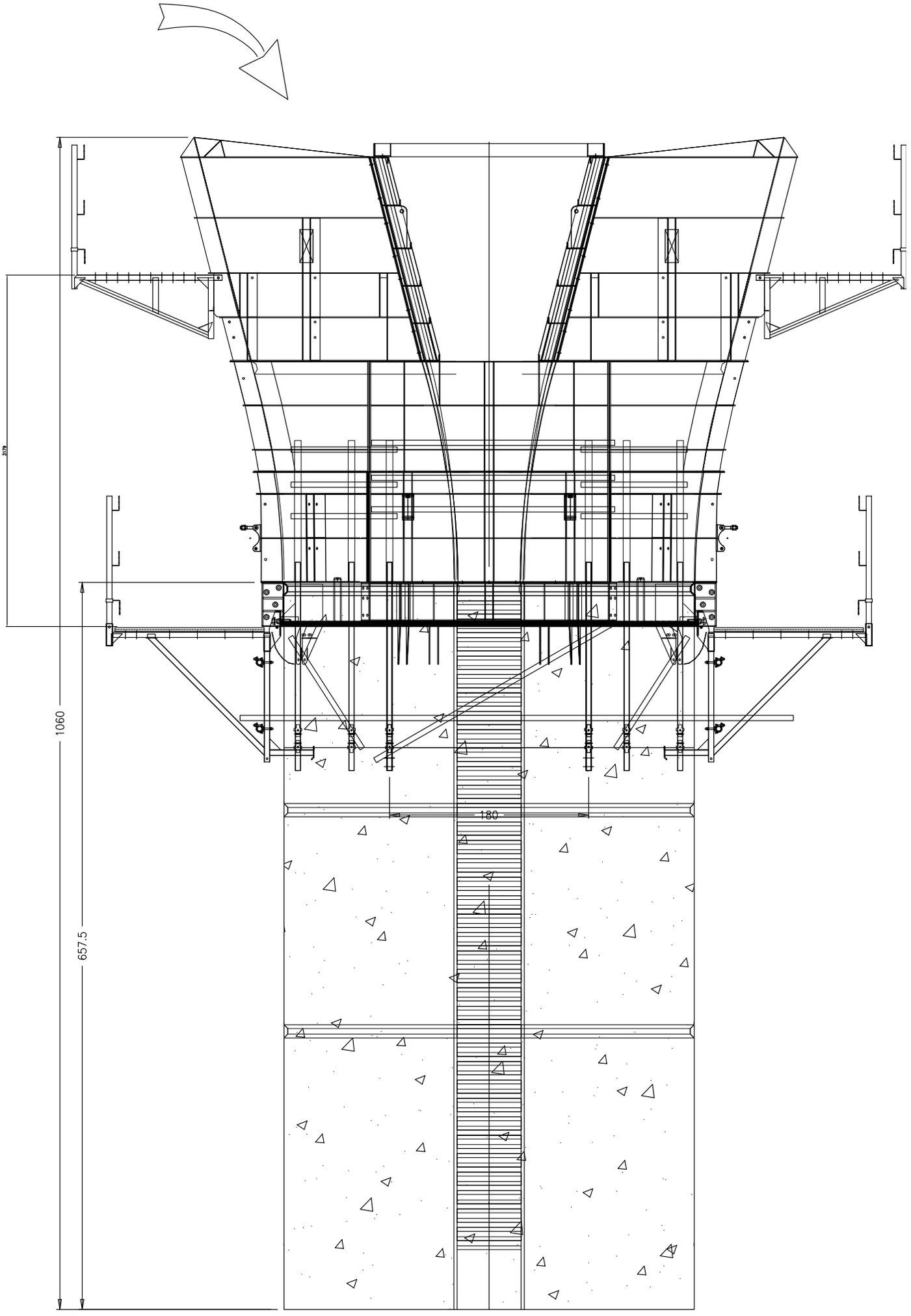
Steel formwork guarantee a perfect finishing of the exposed concrete. They are made up of steel sheets with commercial profile reinforcements and they can be moved singularly or with CONDOR standard panels thus simplifying shuttering, stripping and handling phases. These formwork are also used for circular columns reaching to 150 kN/sqm concrete pressure.

Since they are custom-designed, they can have any height and they can be overlapped, thus ensuring the best solutions for the construction site's needs. The overlap is achieved through bolts and nuts and quick-release pins, which become also the gripping point for the accessory. Connections with the standard formwork are performed by using Condor adjustable clamp. Where joints are located, the overhanging steel covering allows sealed closure, thus preventing concrete to come out. Formwork are powder coated.

When customer needs is reduce the visual impact of the formwork' print on the castings and to improve chromatic homogeneity of the finish work, the perfect solution is the supply of the special steel formwork without tie rods and including the concrete wall vibration system. In this way, it's guaranted a fair-faced finishing of the concrete also in the event that architecture motifs are impressed on the concrete with steel negatives matching the formwork.





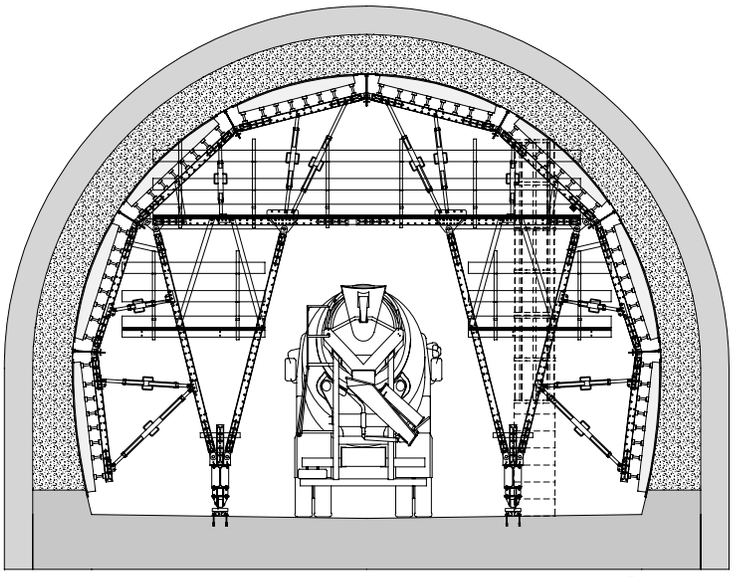

1060
657.5
180

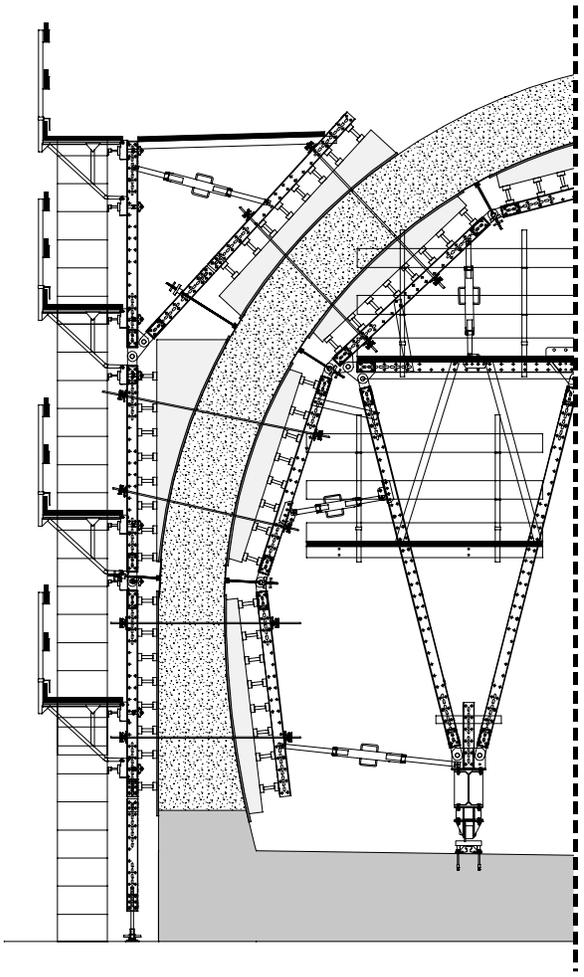
FORMWORK FOR TUNNELS

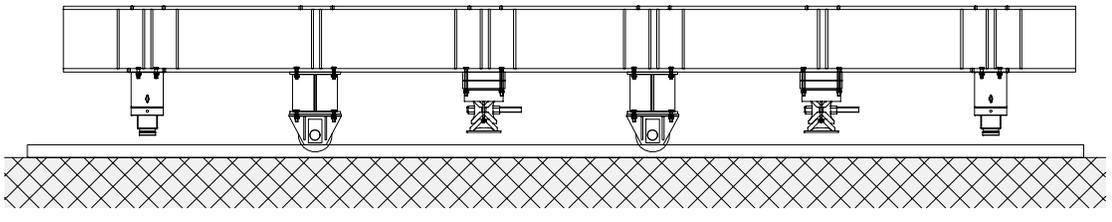
The CONDOR formwork system for casting a natural circular tunnels is made up of a structure with OMNI steel beams, allowing the passage of site vehicles and representing the supporting steel structure to which the formwork is connected. The formwork is made of: OMNI UPN 120 profiles, SH20 wooden beams, 3-ply wooden shapes and birch plywood with phenolic coating. It includes all accessories, such as work platforms, walking decks, stairs, all complying with strictest safety standards.

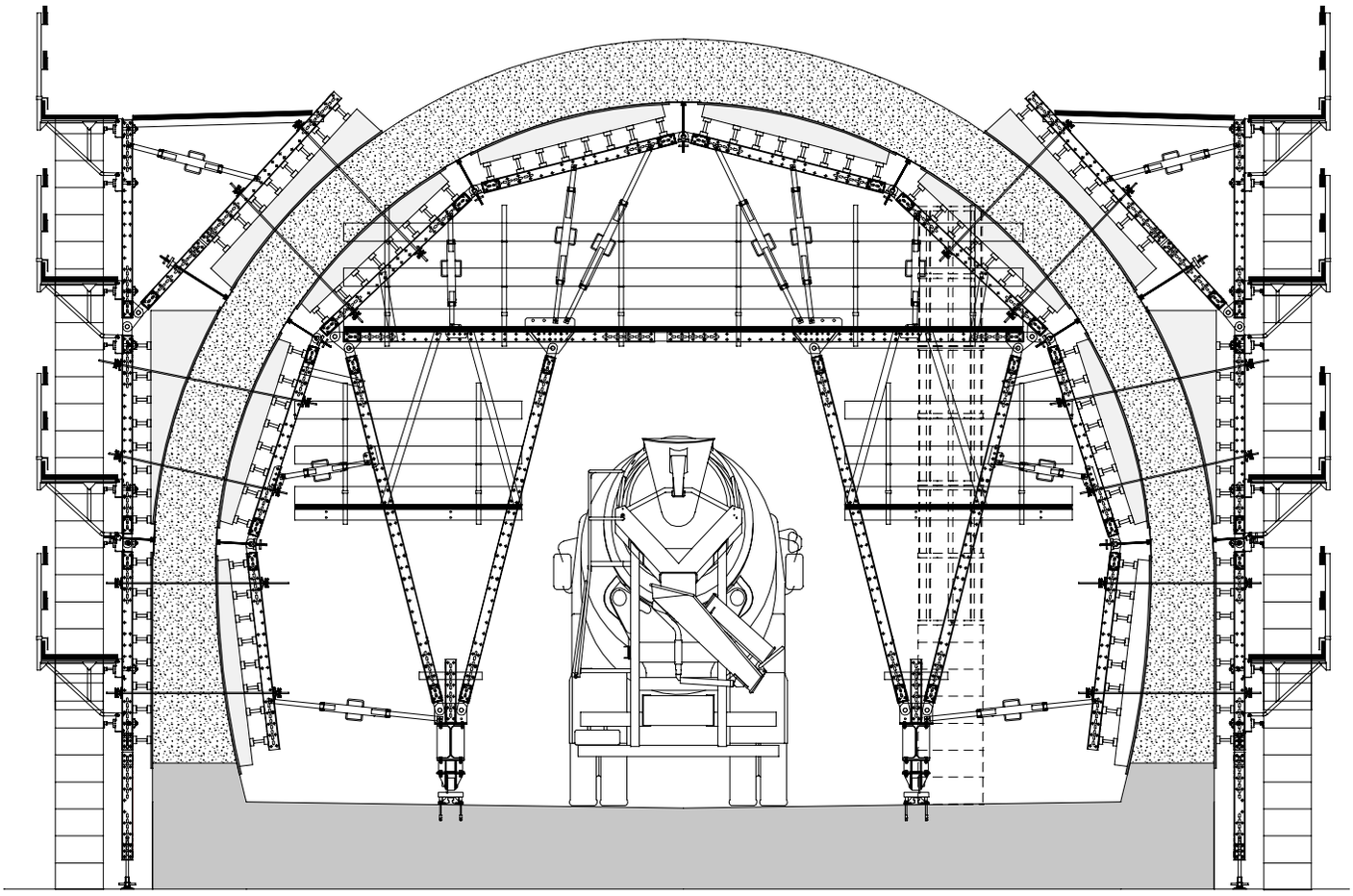
The formwork includes useful accessories, such as casting docks with fast connection to the concrete pump and inspection windows to check the filling of the concrete inside the formwork. The concrete wall vibration system allows to cost a very high quality finished surface. Once the whole structure is lowered with a hydraulic system and the inferior lateral panel are stripped, the cart moves forward through wheels rolling on common tracks, by towing with means already available in the site. The system has a significant versatility, thanks to OMNI structure's features allowing by simple and fully reversible modifications, adaptation to widening compared with current sections, due to lay-bys, large chambers, emergency niches and accesses with sloping portals.

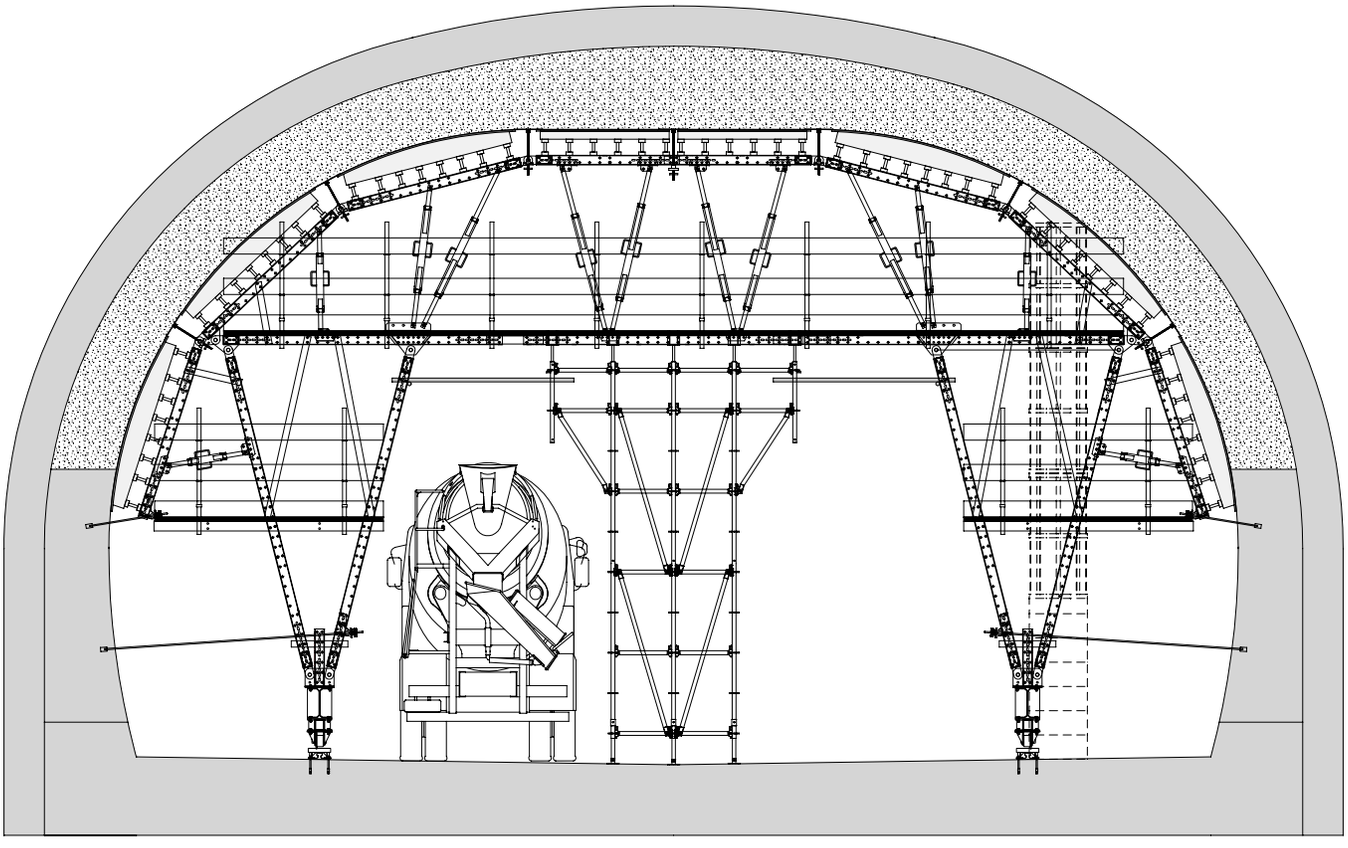
The shift to the casting of artificial tunnels occurs by simply adding the external formwork. CONDOR pays careful attention to services offered to the client, such as dedicated design, pre-assembly of modules in the warehouse in order to ensure perfect curve cut of shapes and joint sealing, on-site technical support in any phase, on-site training and information workshops for the staff.







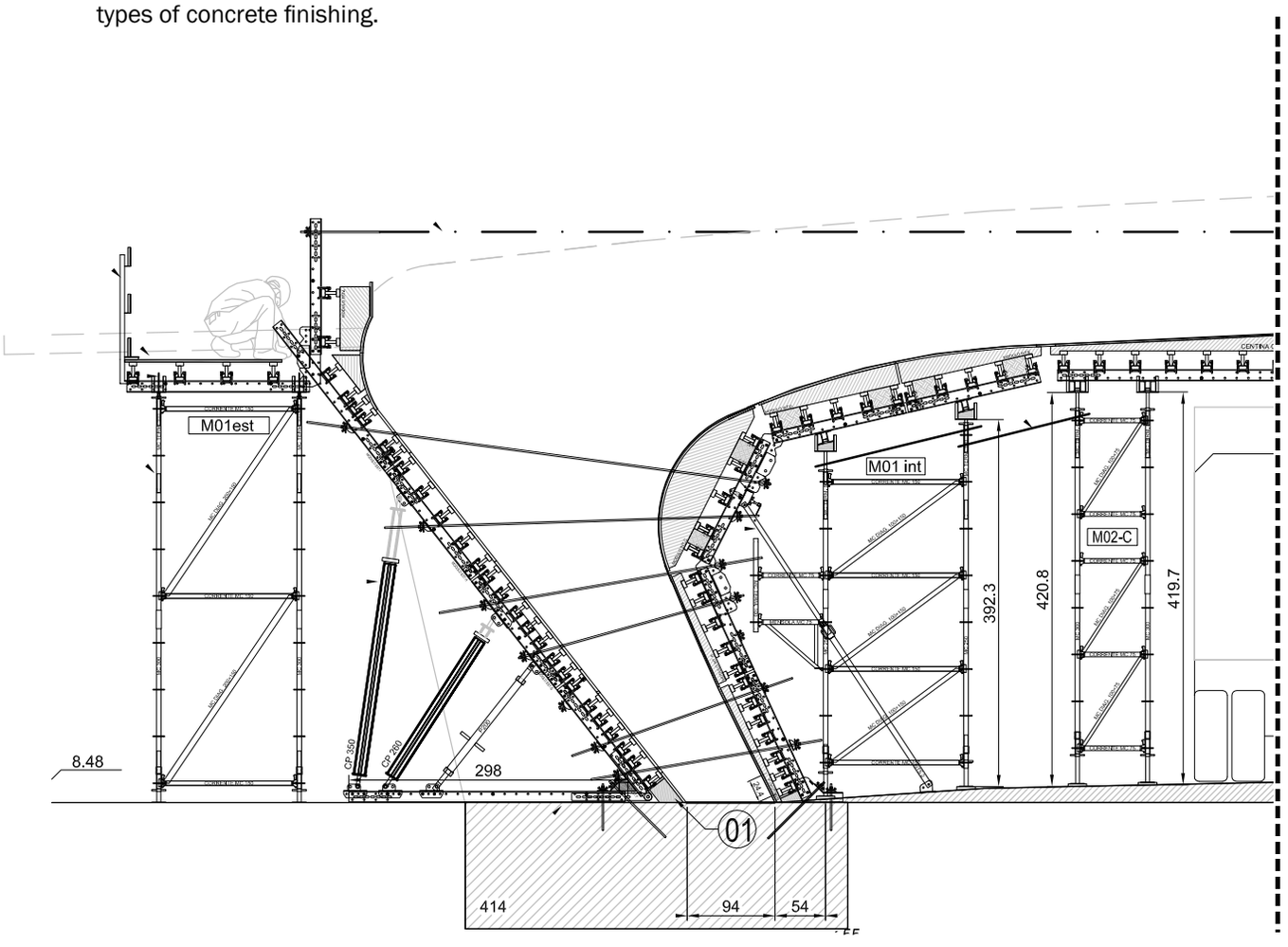


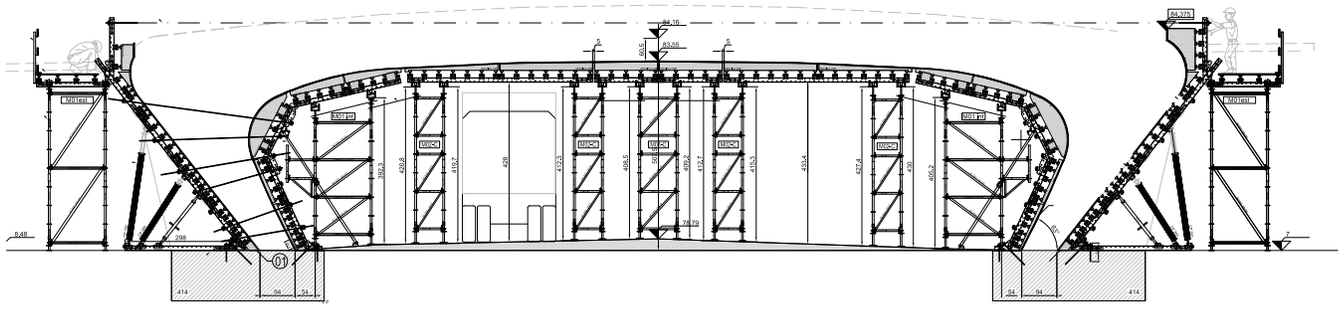


EQUIPMENT FOR OVERPASSES

The OMNI centring system is suitable to any architectural shape that needs to be applied to the concrete, even curved ones, with special trends or for special casting phases or for SCC (Self-Compacting Concrete).
Indeed, by interposing wooden centring (resulting from yellow panels cut in the warehouse by CNC machinery) between wooden beams and the plywood in contact with the concrete, the system can be adapted to any type of shape with several types of concrete finishing.

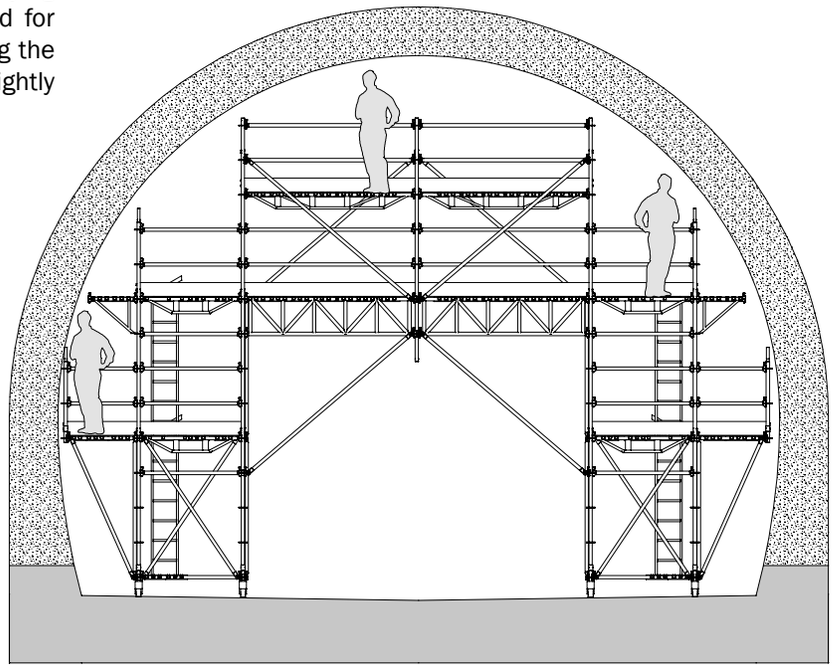
The whole formwork structure must be supported by specific standard modular towers, which are properly designed as portals and can easily enable the passage of site vehicles allowing roads or railways to keep working, thus preventing their closure.

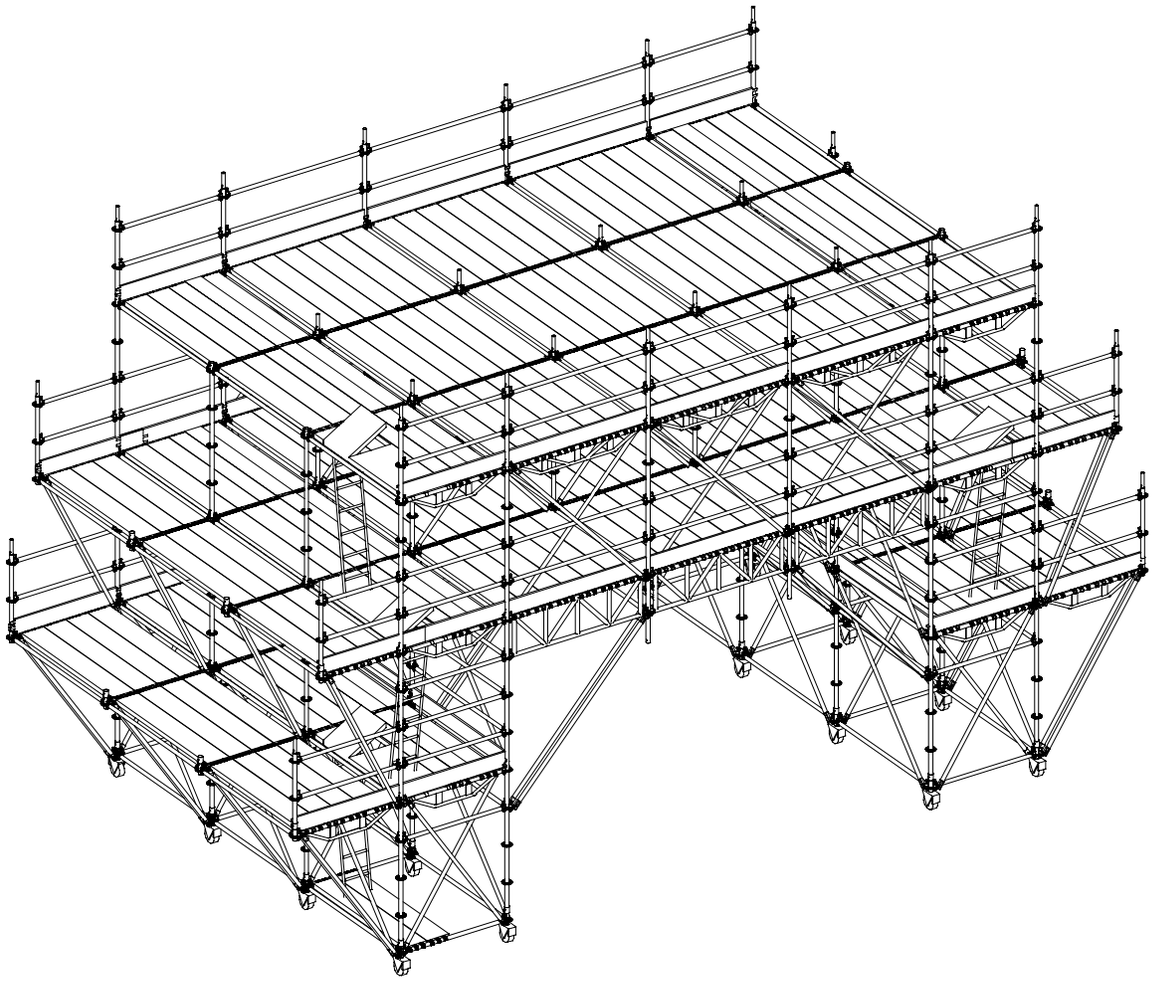




TUNNEL REINFORCEMENT AND MEMBRANE GANTRY

When making artificial galleries the MULTICOM mobile scaffold gantry is extremely useful for tunnel sheet membrane and steel reinforcement.
This is a very versatile multidirectional portal structure, which can be used when laying both the waterproofing membrane and for steel reinforcement, simply by changing the height of the last decking level and slightly reducing lateral service levels.



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FORMWORK, SCAFFOLDING

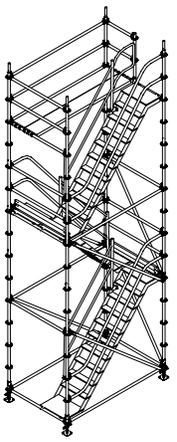

attenzione
uscita
autocarri

Scaffolding

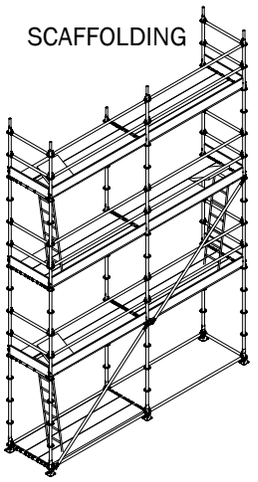
MULTICOM

Thanks to the versatility of the rapid coupling node, the MULTICOM system enables the design of complex structures, in order to meet all needs of a construction site.

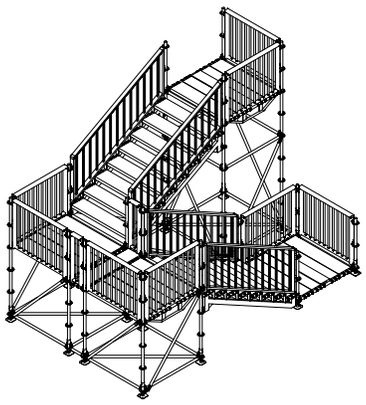
SERVICE STAIRCASE TOWER

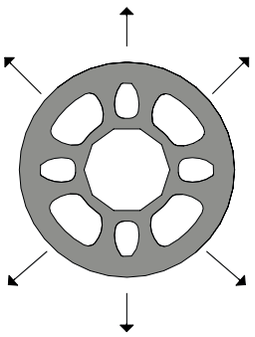


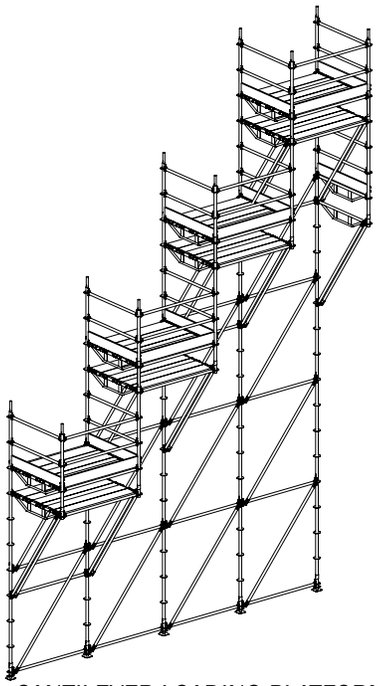
SCAFFOLDING



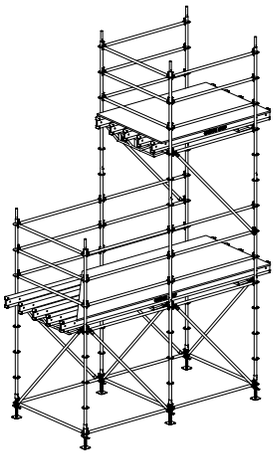
PUBLIC STAIRCASE TOWER



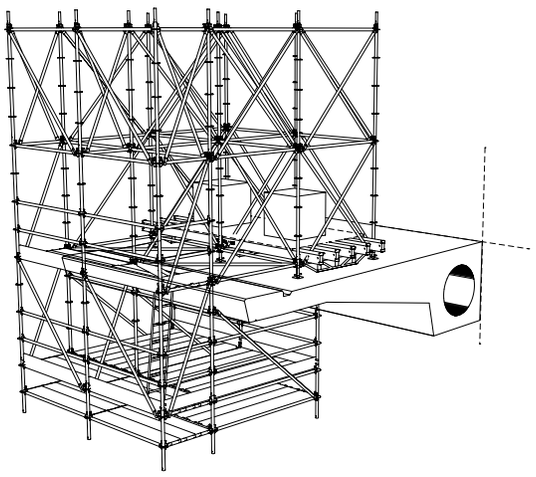




CANTILEVER LOADING PLATFORM



LOADING PLATFORM



SPECIAL APPLICATIONS

The System

MULTICOM is a modular scaffolding system. Thanks to the innovative system and components, it enables the design of a universal structure which always meets the building needs of a construction site.

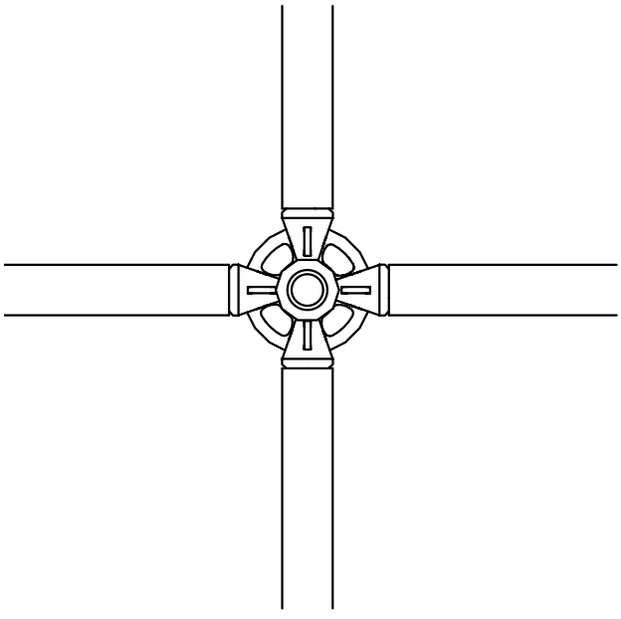
The system core is the structural node, made up of an 8 drill steel rosette, solidly joint to the standard, to which relevant ledgers, transoms and diagonals are connected, through a wedge coupling head that is fixed by a hammer blow.

Ledgers, transoms and diagonals meet on the rosette from different spatial directions and always transfer maximum stress to the center of the standard.

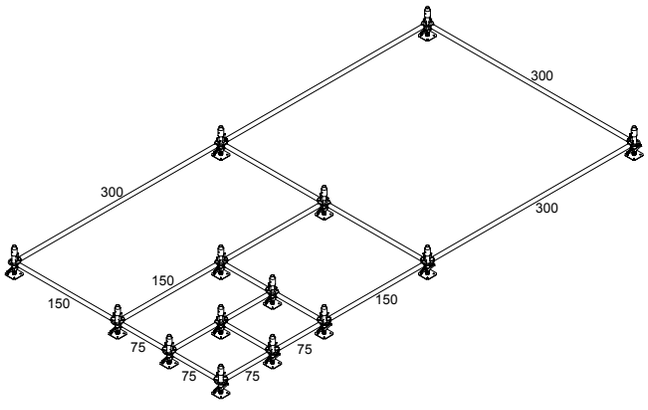
In this way, besides enabling multiple directions, the system guarantees rigidity, structural stability and a high load capacity despite a small number of components.

The system is built in high tension quality steel and is protected by hot dip galvanization which makes it resist corrosion for a long time, avoiding subsequent ordinary maintenance. With its assembling method, the system allows to speeding up and easing the installation in the construction site. No leveling of platforms, no couplers to fasten, no pipes to cut to measure. A slight hammer blow is enough to perform fastening saving a considerable amount of time.

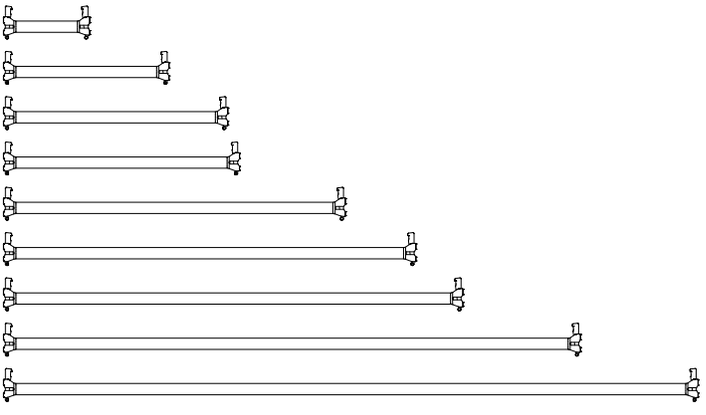
It has interesting applications in complex structures and it is designed for use on facades of linear building, even if its modularity and stability make it suitable for any kind of temporary work.



The Rosette guarantees modularity and versatility



Metric grid



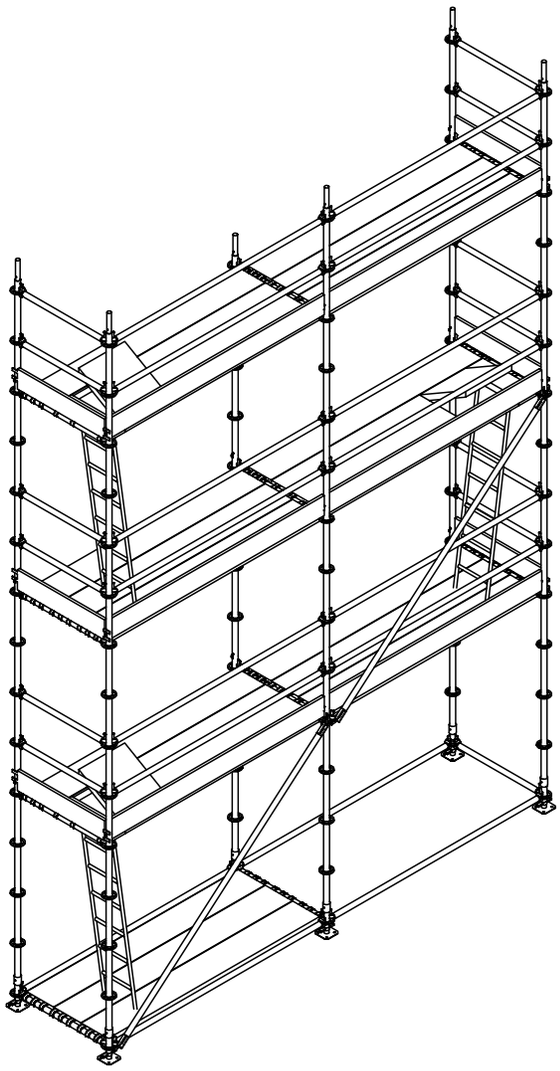
Wide range of ledgers

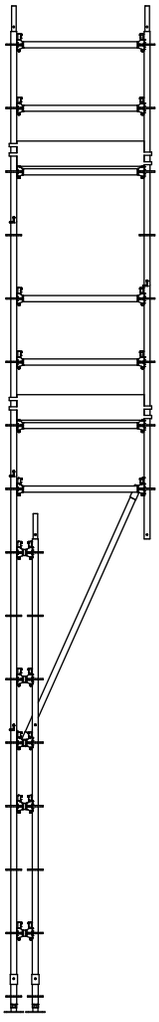
SCAFFOLDING

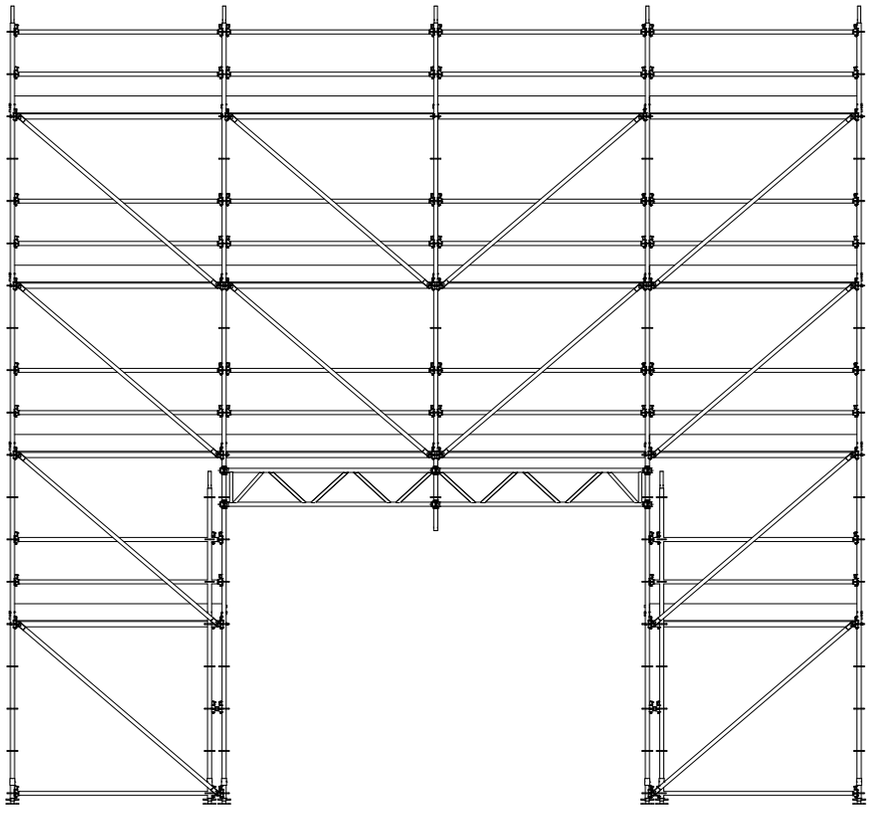
CONDOR's multidirectional scaffolding boast specific features of modularity and versatility.
The MULTICOM includes many benefits and sets new building safety and ductility standards. MULTICOM's core is the "8 drill rosette, solidly joint to the standard, to which ledgers, upright and diagonals are connected. This results in a highly rigid structure with the maximum structural stability. The multidirectional node and the many elements of the MULTICOM system enable the design of scaffolding which are suitable for any type of construction.

System modularity:

- Ledger modularity (cm): 41.3 - 75 - 100 - 105 - 113 - 150 - 180 - 200 - 250 – 300
- Standard modularity (cm): 25 - 50 - 100 - 150 - 200 - 250 - 300 - 400.



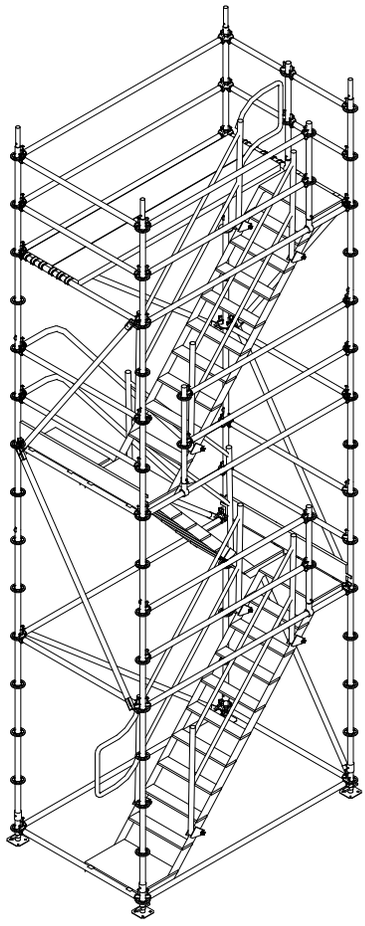




SERVICE STAIRCASE TOWER

MULTICOM staircase tower makes climbing easer and safer.
For this reason, the multidirectional system offers the possibility to build staircases tower, either continuous or overlapping, to be applied either within additional multidirectional scaffolding or aside from traditional scaffolding systems. The slope and width of the ladder allow to climbing up quickly even when bearing work tools. The supporting structure is made with elements of the multidirectional scaffolding system and consists of standards joint together with ledgers and diagonals in the shape of a tower.

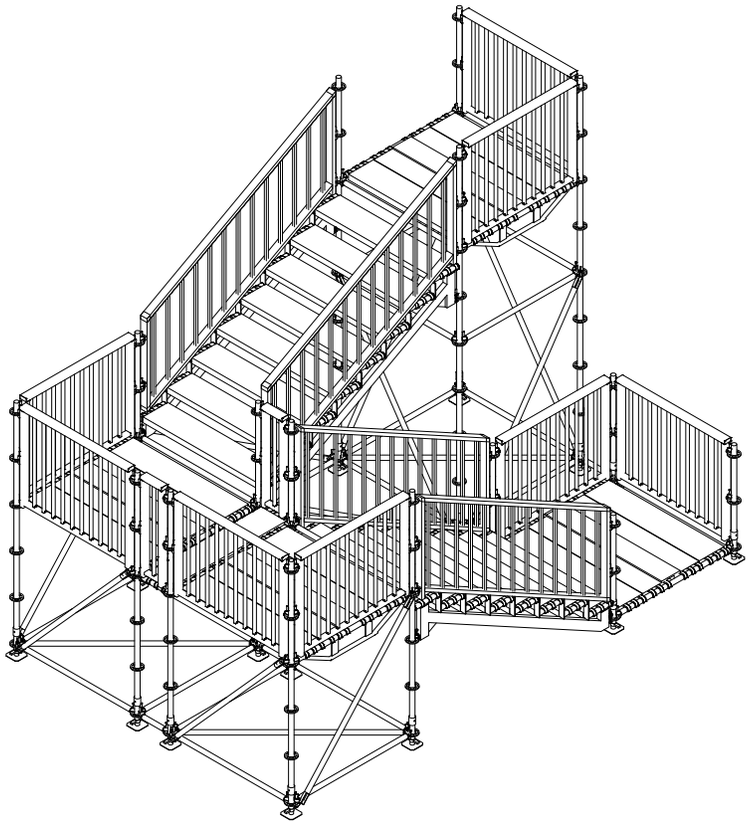
The ladder is made with modular stair ramps with aluminum steps placed on the ledgers.



PUBLIC STAIRCASE TOWER

Public events and emergency situations require staircases that are wider than those needed in construction sites.

Thanks to wide modularity and galvanized steel stringers, public staircases are built and maintained so that they can resist maximum loads resulting from crowding due to emergency situations. Steps have perfect tread and height, and an adequate width for transit needs. These stairs and their platforms are guaranteed by “SIRIO high capacity self-supporting” deckings.

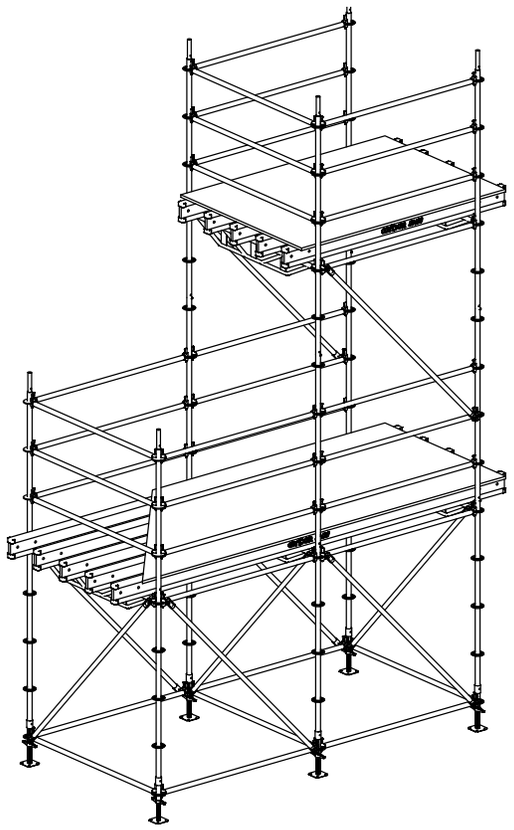


LOADING PLATFORM

MULTICOM loading platforms are advisable anytime high-capacity loading area are needed.

Sizes can be designed in compliance with client's needs, by taking advantage of the modularity of the multidirectional system.
The supporting structure is made with elements of the Multidirectional system, while loading platforms are made with SH20 beams and wooden decks.

The structure can be designed for any load.



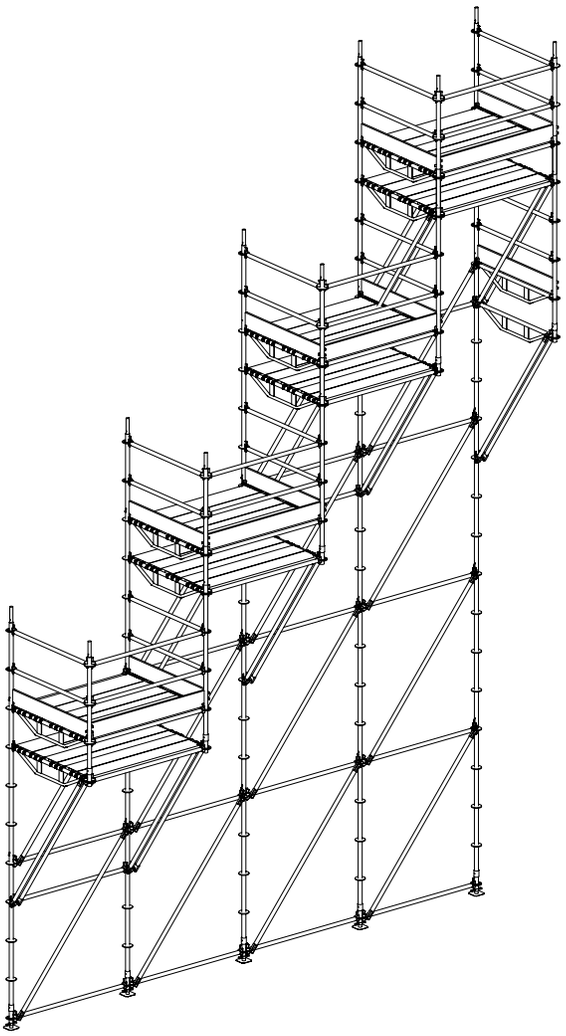
CANTILEVER LOADING PLATFORMS

MULTICOM cantilever loading platform are advisable anytime loading areas are needed close to the façade scaffolding, but mostly in order to avoid the design of loading towers starting from the ground, which are known to be more expensive, bulky and hard to assemble. In this way, traditional schemes of pipe and coupler can be eliminated.

Cantilever loading platforms, used together with prefabricated frames, achieve a capacity of 450 kg/mq.

They can be simple platforms (180 cm x 180/250 cm) or assembled ones (180cm x 360/500 cm), in order to ease the withdrawal of the fork from lifted docks.

The supporting structure is made with elements of the Multidirectional system, while loading platforms are made with steel decks and/or SH20 wooden beams with wooden decks.

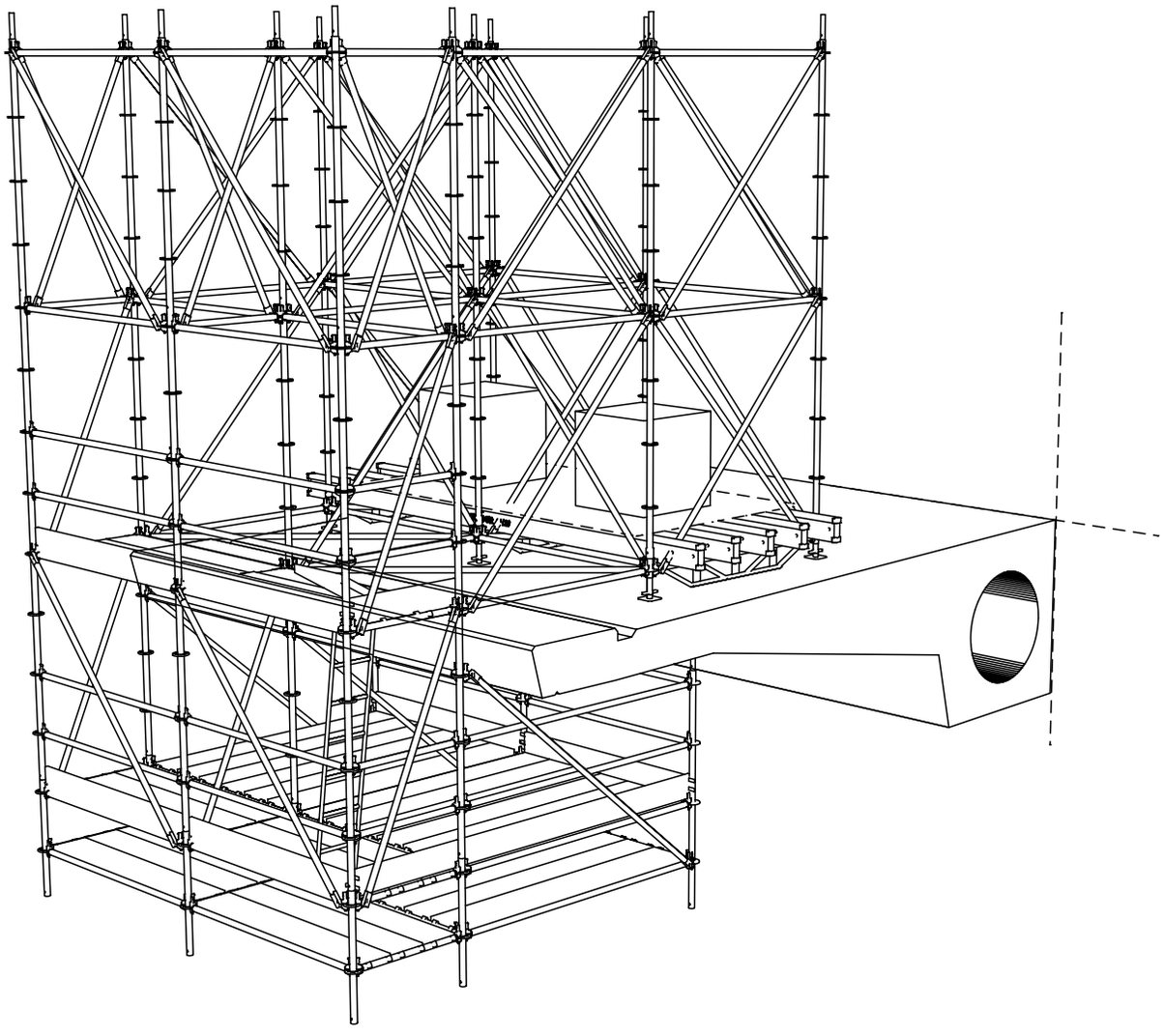


SPECIAL APPLICATIONS

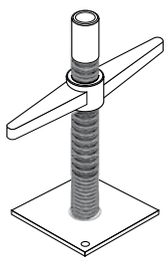
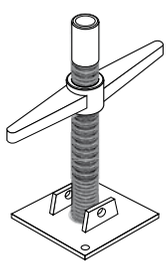
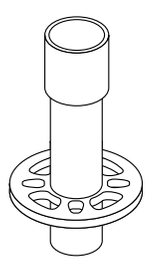
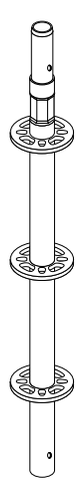
MULTICOM can be applied not only to façade scaffolding but it can also be used as shoring structure, hanging scaffolding, staircases for construction sites, etc.

As an example, the flexibility of the system is a precious feature for the naval industry.

The system is very easy to assemble, which meets any need of the construction site, for both the design of working and loading platforms, as the reduction of structural and transport-related hindrances. You can create all the structures you want with the simple blow of a hammer.

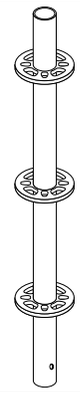


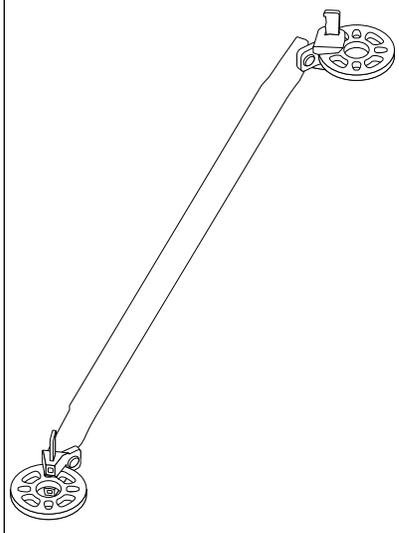
Components

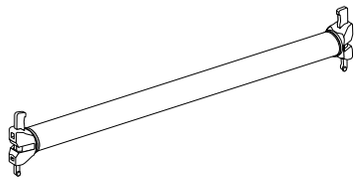
ART.	DIM(cm)	WEIGHT (Kg)	
ADJUSTABLE BASE PLATE			
52002	35cm reg. max 25cm	2,5	
52003	50cm reg. max 35cm	2,9	
52004	80cm reg. max 55cm	4,3	
52005	100cm reg. max 70cm	4,7	
SWIVELLING BASE PLATE			
52006	50cm reg. max 35cm	5,8	
52007	100cm reg. max 70cm	8,8	
STARTING ELEMENT			
52000	23,5cm	1,6	
STANDARD			
52020	25cm	1,5	
52021	50cm	2,7	
52022	100cm	5,4	
52023	150cm	7,7	
52024	200cm	9,8	
52025	250cm	12	
52026	300cm	14,3	
52027	400cm	18,7	

Components

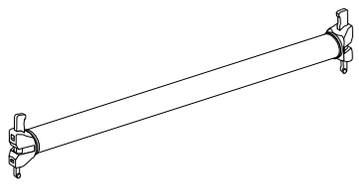
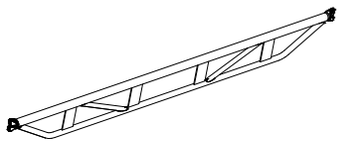
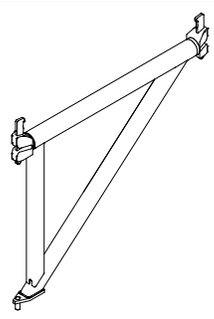
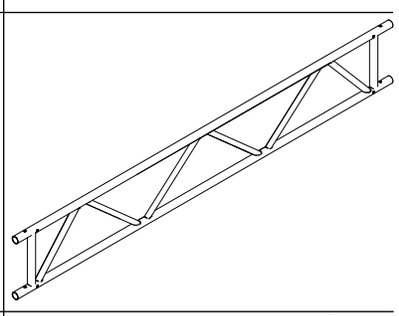
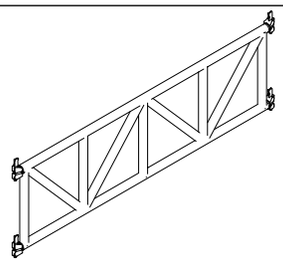
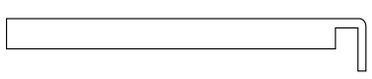
ART.	DIM(cm)	WEIGHT (Kg)	
STANDARD WITHOUT SPIGOT			
52028	25cm	1,3	
52029	50cm	2	
52030	100cm	4,6	
52031	150cm	6,9	
52032	200cm	9	
52033	250cm	11,2	
52034	300cm	13,5	
52035	400cm	17,9	
FRONT DIAGONAL BRACE			
52100	h200x75cm	8,6	
52101	h200x100cm	8,9	
52102	h200x105cm	9	
52103	h200x113cm	9,1	
52104	h200x150cm	9,7	
52105	h200x180cm	10,4	
52106	h200x200cm	10,8	
52107	h200x250cm	12,1	
52108	h200x300cm	13,5	
52109	h150x75cm	6,9	
52110	h150x100cm	7,2	
52111	h150x105cm	7,4	
52112	h150x113cm	7,5	
52113	h150x150cm	8,3	
52114	h150x180cm	9,1	
52115	h150x200cm	9,6	
52116	h150x250cm	11,1	
52117	h150x300cm	12,6	
52118	h100x75cm	5,3	
52119	h100x100cm	5,8	
52120	h100x105cm	5,9	
52121	h100x113cm	6,1	
52122	h100x150cm	7,1	
52123	h100x180cm	8	
52124	h100x200cm	8,6	
52125	h100x250cm	10,2	
52126	h100x300cm	11,9	
52127	h50x75cm	3,9	
52128	h50x100cm	4,6	
52129	h50x105cm	4,8	
52130	h50x113cm	5,1	
52131	h50x150cm	6,3	
52132	h50x180cm	7,3	
52133	h50x200cm	8	
52134	h50x250cm	9,7	
52135	h50x300cm	11,4	
LEDGER			
52060	41,3cm	1,9	
52061	75cm	3,2	
52062	100cm	4,3	
52063	105cm	4,4	
52064	113cm	4,6	
52065	150cm	6	
52066	180cm	7,1	
52067	200cm	7,8	
52068	250cm	9,6	
52069	300cm	11,4	



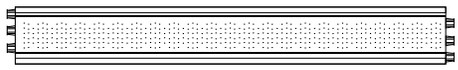
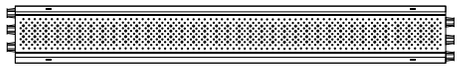
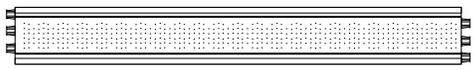
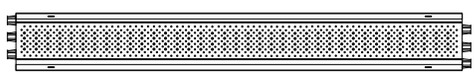
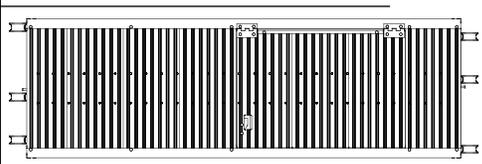
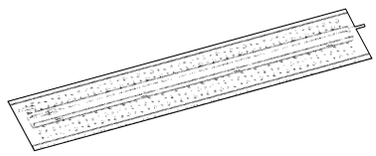




Components

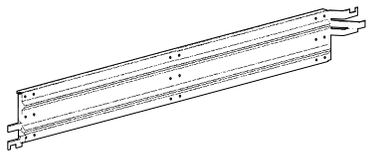
ART.	DIM(cm)	WEIGHT (Kg)	
FLOOR DIAGONAL BRACE			
52136	100x100cm	5,5	
52137	100x200cm	8,3	
52144	150x150cm	8,4	
52138	150x250cm	10,9	
52143	180x180cm	9,8	
52139	200x200cm	11,5	
52140	200x250cm	13,2	
52141	250x250cm	14,6	
52142	250x300cm	15	
REINFORCED CROSS LEDGER			
52200	150cm	9,5	
52201	180cm	12,4	
52202	200cm	13,7	
52203	250cm	16,8	
52204	300cm	19,7	
BRACKET			
52227	40cm	3,4	
52228	75cm	6	
RETICULAR BEAM			
52205	h40x250cm	36,5	
52206	h40x310cm	38,6	
52207	h40x370cm	44,3	
52208	h40x410cm	47,9	
52209	h40x510cm	57,4	
52210	h40x610cm	66,7	
RETICULAR BEAM WITH COUPLERS			
52211	h50x200cm	36	
52212	h50x250cm	39	
52213	h50x300cm	46	
52315	h50x400cm	51,9	
52316	h50x500cm	63,1	
52317	h50x600cm	71,8	
ANCHORAGE WITH HOOK			
52242	23cm	1,1	
52243	40cm	1,9	
52244	80cm	3,4	
52241	175cm	6,8	

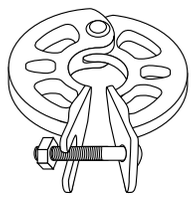
Components

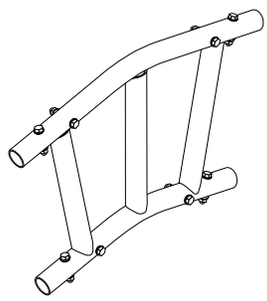
ART.	DIM(cm)	WEIGHT (Kg)	
SIRIO STEEL DECK			
70046	30x150cm	8	
70030	30x180cm	9,9	
70031	30x200cm	10,9	
70032	30x250cm	15,4	
70033	30x300cm	18,4	
			
With slot			
72106	30x73cm	4,2	
72107	30x75cm	4,3	
72108	30x105cm	5,6	
72109	30x150cm	7,8	
72110	30x160cm	8,4	
72111	30x180cm	9,3	
72112	30x200cm	10,8	
72113	30x250cm	14	
72114	30x300cm	16,8	
			
70049	33x75cm	4,9	
70050	33x105cm	6,4	
70045	33x150cm	8,6	
70041	33x180cm	10,2	
70042	33x200cm	11,7	
70043	33x250cm	16,4	
70044	33x300cm	19,5	
			
With slot			
72140	33x73cm	4,8	
72141	33x75cm	4,9	
72142	33x105cm	6,4	
72143	33x150cm	8,6	
72144	33x160cm	9,1	
72145	33x180cm	10,2	
72146	33x200cm	11,7	
72147	33x250cm	16,4	
72148	33x300cm	19,5	
			
Package with metal strap: 80pz.			
MC STEEL DECK WITH ALUMINIUM TRAP-DOOR			
72017	61,2x150cm	23	
72015	61,2x180cm	24	
72018	61,2x200cm	25	
72019	61,2x250cm	27	
72020	61,2x300cm	29	
			
COMPENSATION STEEL DECK			
72021	28x75cm	3	
72022	28x105cm	6,1	
72023	28x113cm	6,6	
72024	28x150cm	8,9	
72025	28x180cm	10,7	
72026	28x200cm	11,2	
72027	28x250cm	14,9	
72028	28x300cm	17,9	
			

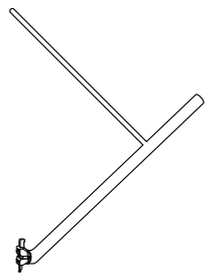
Components

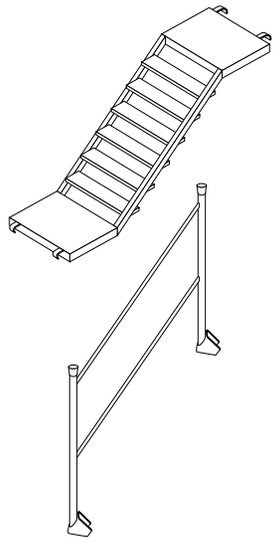
ART.	DIM(cm)	WEIGHT (Kg)	
TOEBOARD			
73005	41,3cm	2,3	
73006	75cm	3,1	
73007	105cm	3,8	
73008	113cm	4	
73009	150cm	5	
73010	180cm	5,5	
73011	200cm	6,2	
73012	250cm	7,4	
73013	300cm	8,6	
MOVABLE HINGE ROSETTE			
52218		1	
RETICULAR BEAM COVER 12° H 40			
52240		1	
STONE PROTECTION BOARD			
52299		9,8	
ALUMINIUM INTERMEDIATE STAIRS			
52236	250x61,2cm	26	
STAIR HANDRAIL			
52237		12	



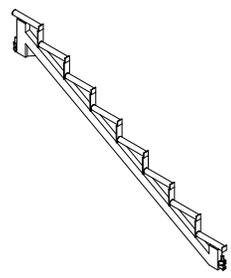
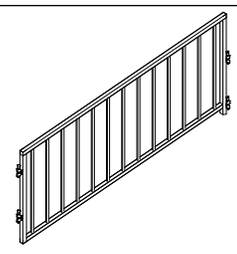








Components

ART.	DIM(cm)	WEIGHT (Kg)	
SIDE OF RAMP/STAIRS			
52415	h150x200cm	34,5	
52416	h100x160cm	21,5	
52417	h50x100cm	11,5	
RAIL SIDE STAIR			
52418	h150x250cm	28,9	


CONDOR
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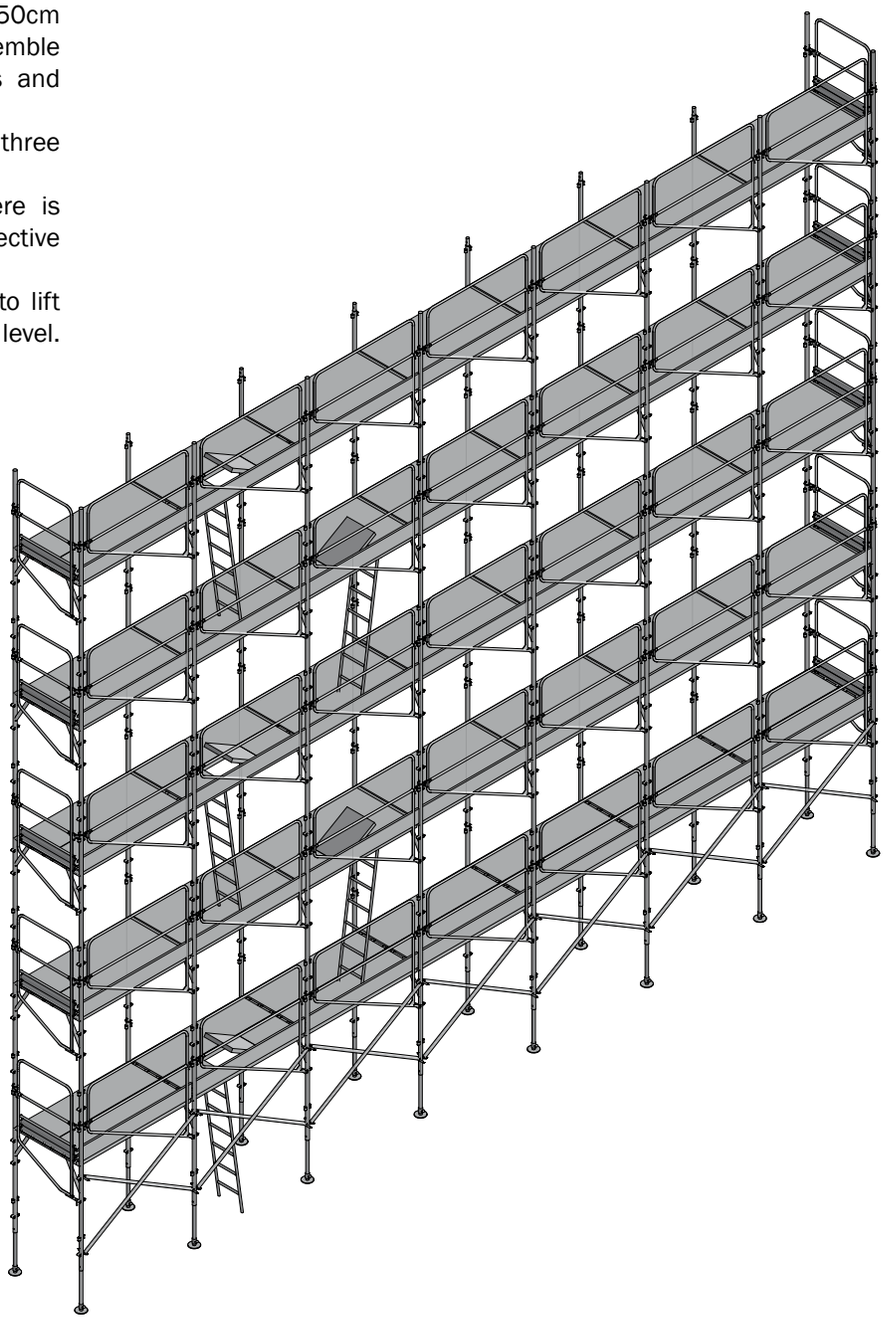
Risk Free

The RISK FREE system is a frame scaffolding system. Qualified staff can carry out assembly and dismantling operations safely also without fall protection devices – that is its mainly feature.

The features of the system are:

- Spans: 75, 105, 150, 180, 200, 250cm
- Versatility: possibility to safely assemble with safe frame or with ledgers and diagonals;
- Rapidity: safe frame with only three frame connection points;
- Safety: with the safe frame there is no need of using personal protective equipment with a safety lanyard;
- Ergonomics: allows the operator to lift the frame 63 cm from the decking level.

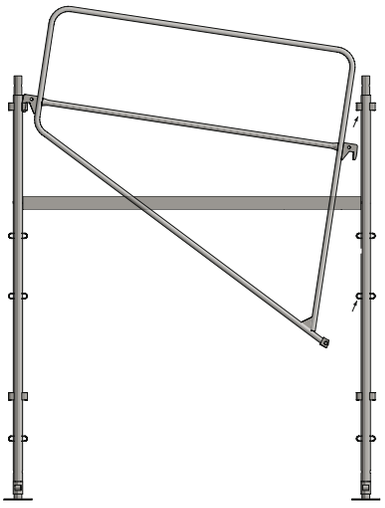


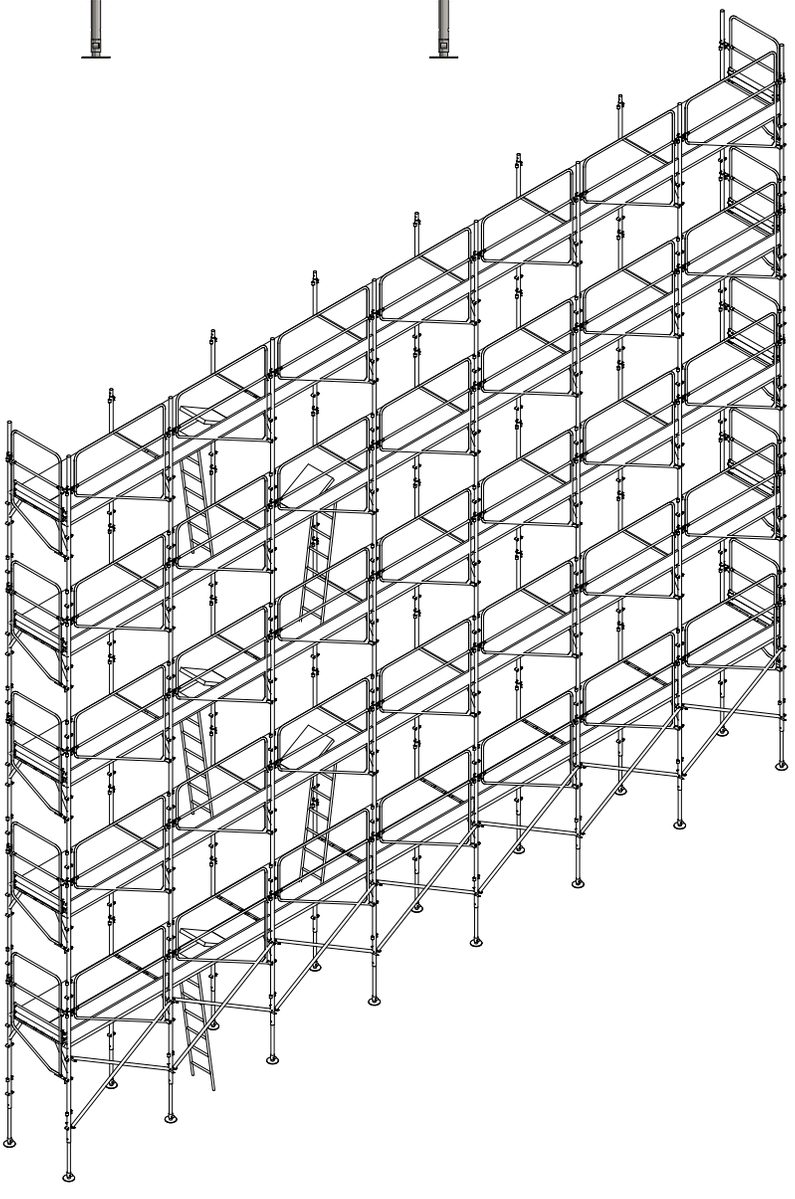
The System

Contrary to other types of scaffolding, RISK FREE system is a collective protection system even in the assembling phase. According to the regulation in force, this is a preferable protection system compared with other personal protection systems, since it perfectly complies with the principle of risk elimination and, if elimination is not possible, the reduction to minimum risks with reference to knowledge acquired from technical progress.

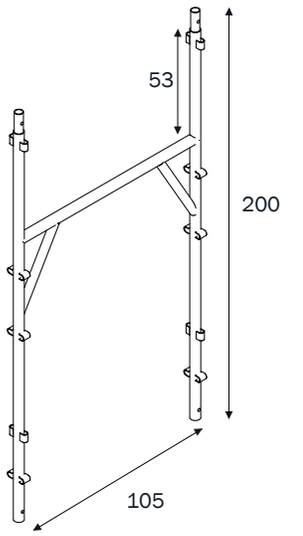
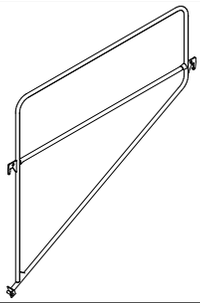
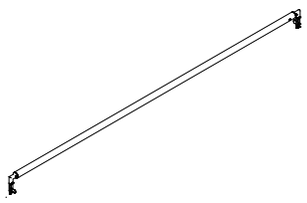
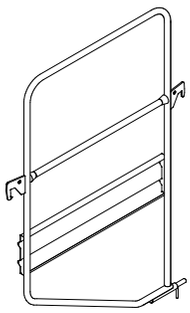
Therefore, RISK FREE scaffolding does not require the personal protection system with a “safety lifeline” (besides adequate shoes, gloves, helmet, clothing, etc.), since the face frame is assembled in the lower floor, so that the staff is already protected when accessing the upper floor.

RISK FREE scaffolding is completed by several elements which allow to easily satisfying all the needs of the construction site.





Components

ART.	DIM(cm)	WEIGHT (Kg)	
GALVANIZED FRAME			
51150		20,4	
Box: 50pz. Package with metal strap: 23pz.			
GALVANIZED FRONT FRAME			
51310	250cm	12	
51300	200cm	9,6	
51290	180cm	8,6	
51280	150cm	7,2	
51270	105cm	5	
51260	75cm	3,6	
Package: 46pz.			
GALVANIZED LEDGER			
51311	250cm	4,5	
51301	200cm	3,7	
51291	180cm	2,8	
51281	150cm	2,4	
51271	105cm	1,9	
51261	75cm	1,5	
Package: 100pz.			
GALVANIZED DIAGONAL BRACE			
51312	Span 250 - 265cm	4,8	
51302	Span 200 - 220cm	4,1	
51292	Span 180 - 202cm	3,2	
51282	Span 150 - 178cm	2,9	
51272	Span 105 - 144cm	2,4	
51262	Span 75 - 125cm	2,2	
Package: 100pz.			
HEAD GALVANIZED FRAME			
51500		9,5	

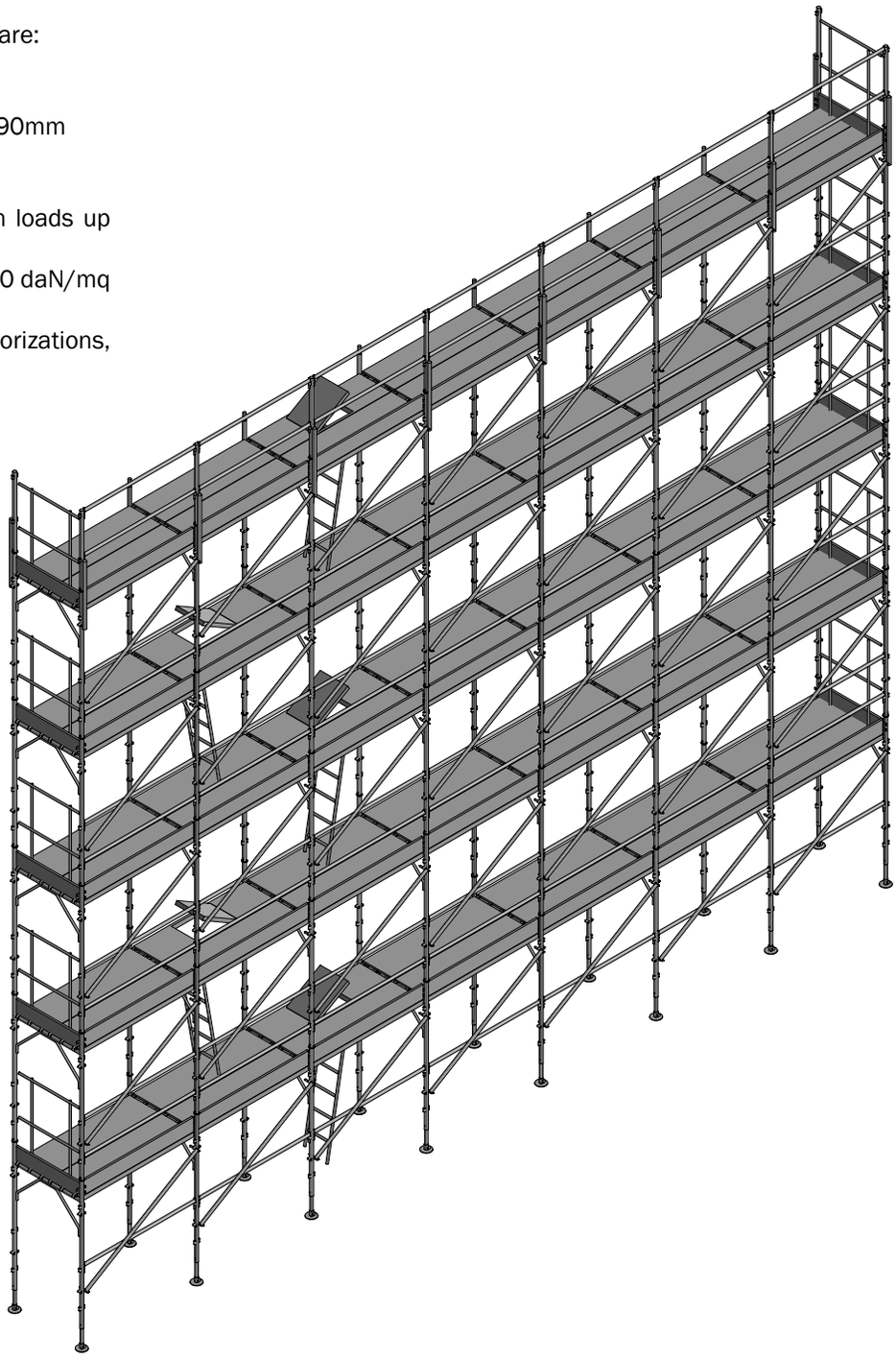
Accessories on page 238
Steel decks on page 246

Frame with bushes

It is a scaffolding system made up of mounting frames which allow the design of scaffolding with a bush coupling system for positioning ledgers and diagonals.

The characteristics of the system are:

- Steel: S235JR
- Diameter tube: 48.3 mm x 2.90mm
- Coupling: bushes
- Spans: 180, 250 cm
- Authorization for construction loads up to: 300 daN/mq (cl 4)
- Steel decks capacity up to 600 daN/mq (cl 6).
- Certifications: Ministry Authorizations, EN12810.



The System

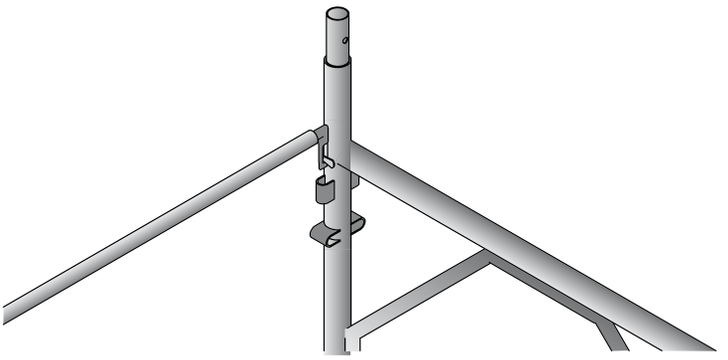
The scaffolding system with bushes is made up of frames with a bush coupling system for positioning ledgers and diagonals.

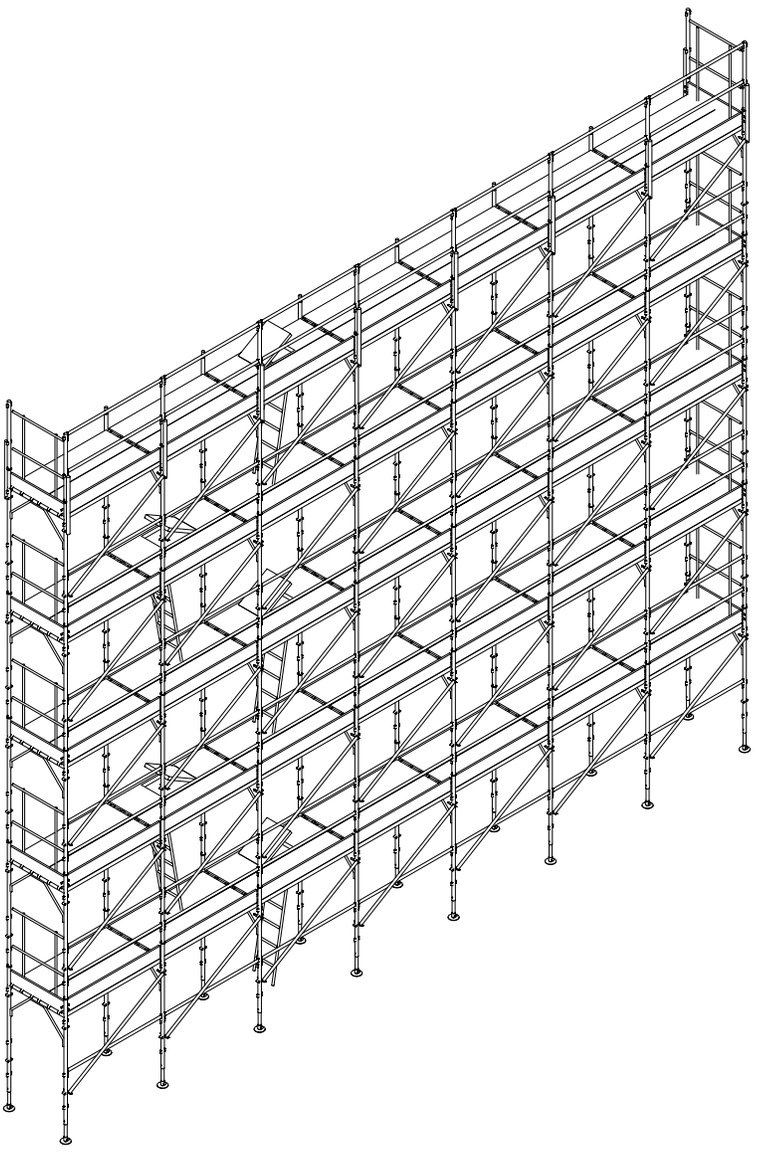
Due to its simple assembly it is widely used by construction companies. Tube and coupler scaffolding can be integrated for special operations. The elements of the prefabricated scaffolding were designed for a simple and safe assembly. The wide range of accessories allows the design of designs meeting the most sophisticated and complex construction and architectural techniques.

All the elements of the scaffolding were tested and certified by the I.S.P.E.S.L. Laboratory. (Safety Technology Departments and authorized by the Ministry of Labour and Social Affairs with specific AUTHORIZATIONS AND EXTENSIONS).

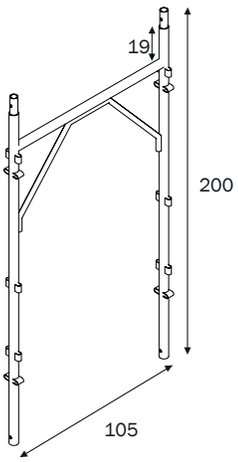
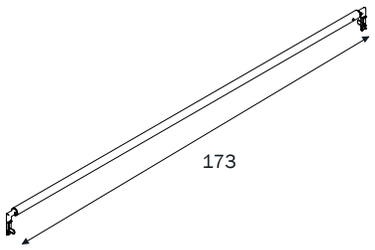
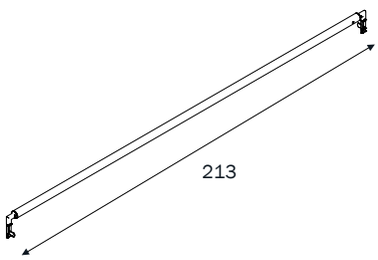
An efficient system for the control of weldings makes CONDOR scaffolding with bushes reliable and trustworthy over the time.

The scaffolding with bushes is recommended for both renovations and new constructions.





RB20

ART.	DIM(cm)	WEIGHT (Kg)	
FRAME Tube ø 48.25x2,9mm	105x200cm		
50850 Galvanized 50800 Painted		20 19	
Box: 50pz. Package with metal strap: 23pz.			
LEDGER Tube ø 26.9x2,3mm	173cm		
50852 Galvanized 50802 Painted		2,1 2,5	
Package: 100pz.			
FRONT DIAGONAL BRACE Tube ø 26.9x2,3mm	213cm		
50853 Galvanized 50803 Painted		2,5 3	
Package: 100pz.			

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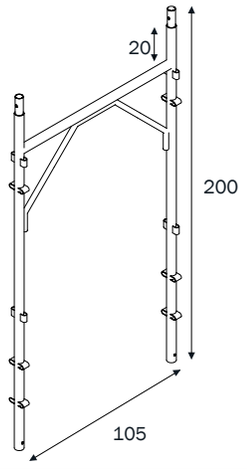
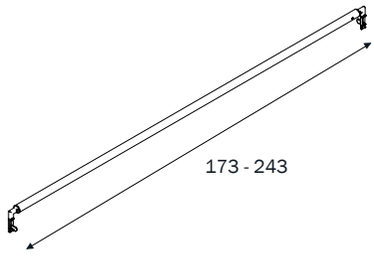
PLATINUM

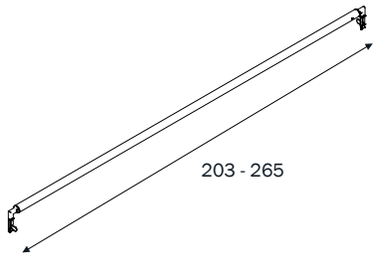
ART.	DIM(cm)	WEIGHT (Kg)
FRAME Tube ø 48.25x2,9mm	105x200cm	
50050 Galvanized 50000 Painted		21 20,3
Box: 50pz. Package with metal strap: 23pz.		



LEDGER SPAN 180cm Tube ø 26.9x2,3mm	173cm	
50052 Galvanized 50002 Painted		2,7 2,5
LEDGER SPAN 250cm Tube ø 33x2,3mm	243cm	
50053 Galvanized 50003 Painted		4,3 4,2
Package: 100pz.		



DIAGONAL BRACE SPAN 180cm Tube ø 26.9x2,3mm	203cm	
50054 Galvanized 50004 Painted		3,5 3,3
DIAGONAL BRACE SPAN 250cm Tube ø 33x2,3mm	265cm	
50056 Galvanized 50006 Painted		4,6 4,5
Package: 100pz.		



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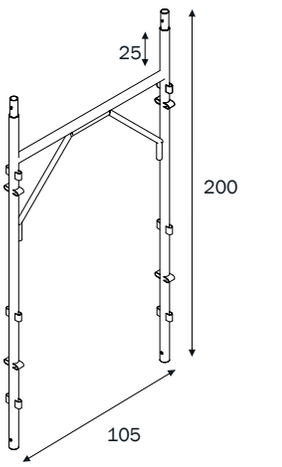
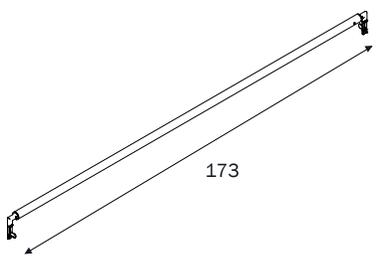
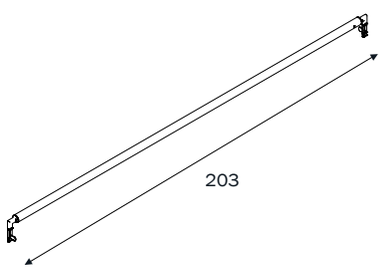
DR6B

ART.	DIM(cm)	WEIGHT (Kg)	
FRAME Tube ø 48.25x2,9mm	105x200cm		
50150 Galvanized 50100 Painted		21 20	
Box: 50pz. Package with metal strap: 23pz.			
LEDGER Tube ø 26.9x2,3mm	173cm		
50152 Galvanized 50102 Painted		2,4 2,3	
Package: 100pz.			
DIAGONAL BRACE Tube ø 26.9x2,3mm	203cm		
50153 Galvanized 50103 Painted		2,8 2,7	
Package: 100pz.			

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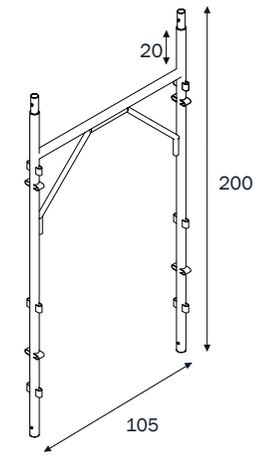
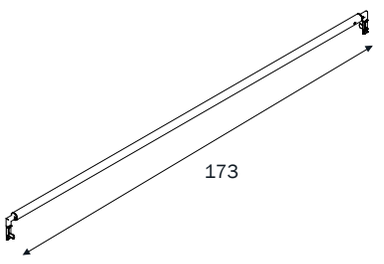
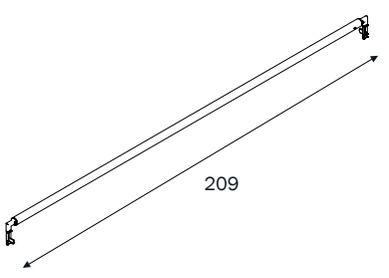
STANDARD B

ART.	DIM(cm)	WEIGHT (Kg)	
FRAME Tube ø 48.25x2,9mm	105x200cm		
50750 Galvanized 50700 Painted		20,6 20	
Box: 50pz. Package with metal strap: 23pz.			
LEDGER Tube ø 26.9x2,3mm	172cm		
50752 Galvanized 50702 Painted		2,4 2,3	
Package: 100pz.			
DIAGONAL BRACE Tube ø 26.9x2,3mm	209cm		
50753 Galvanized 50703 Painted		2,8 2,7	
Package: 100pz.			

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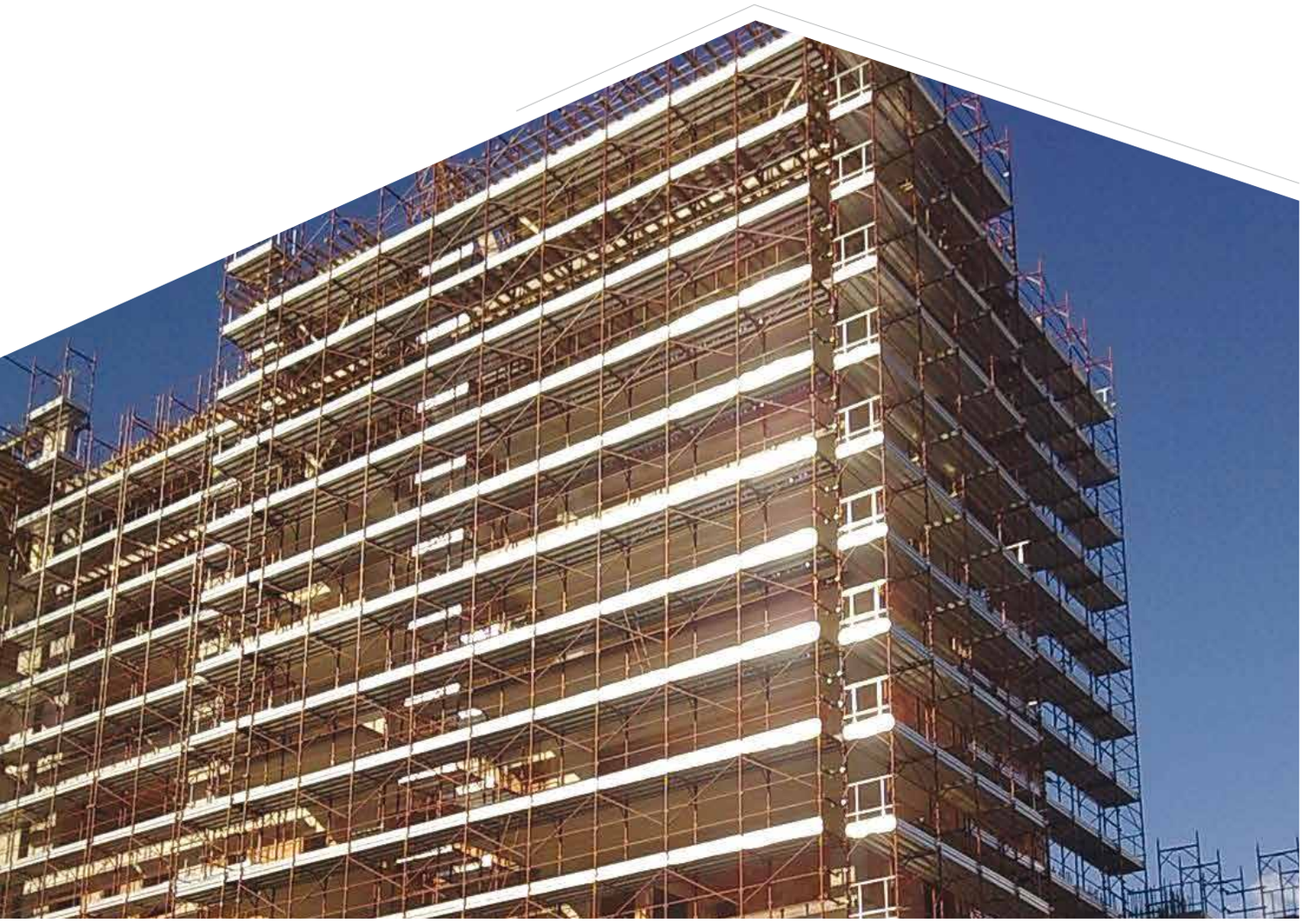
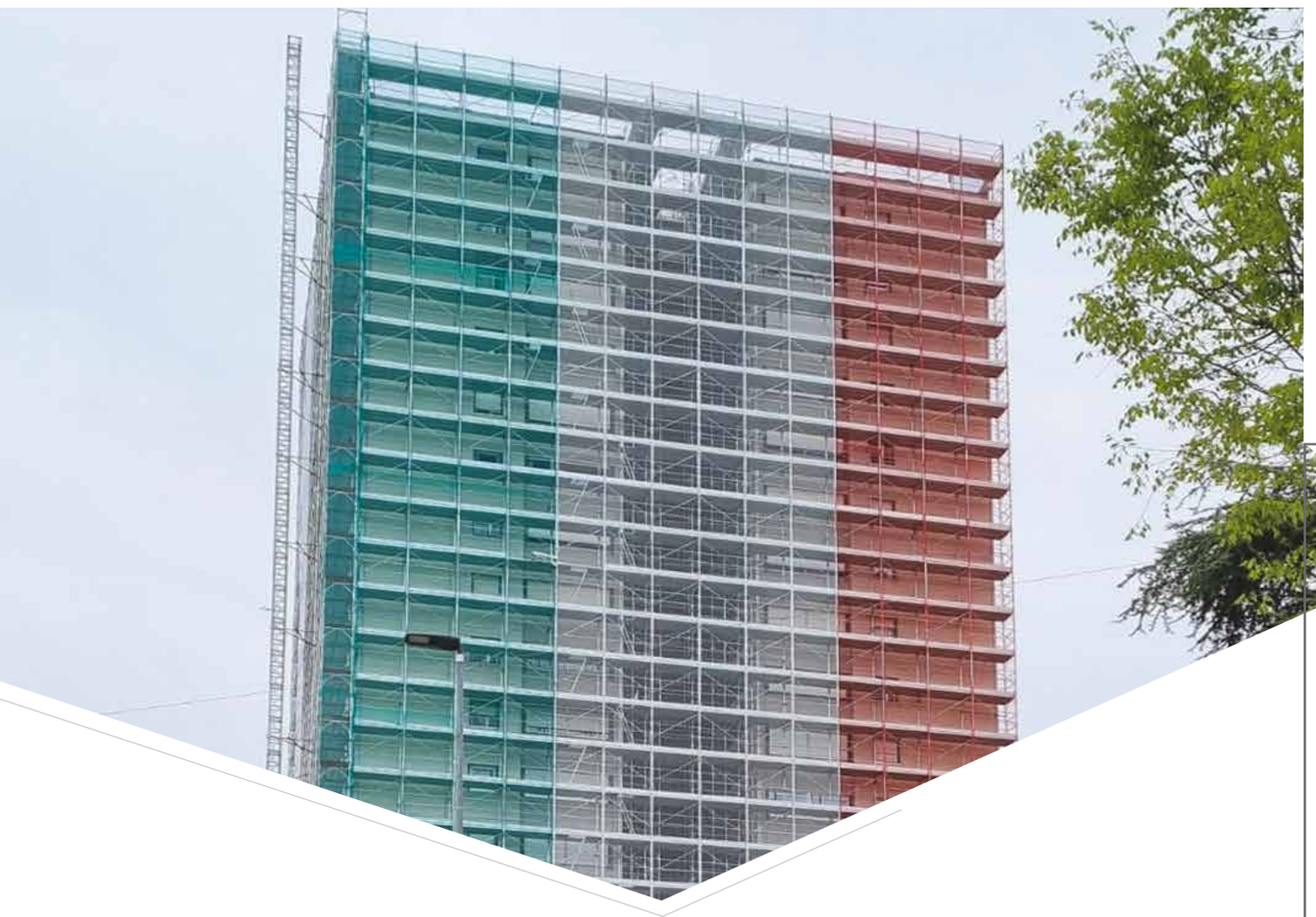


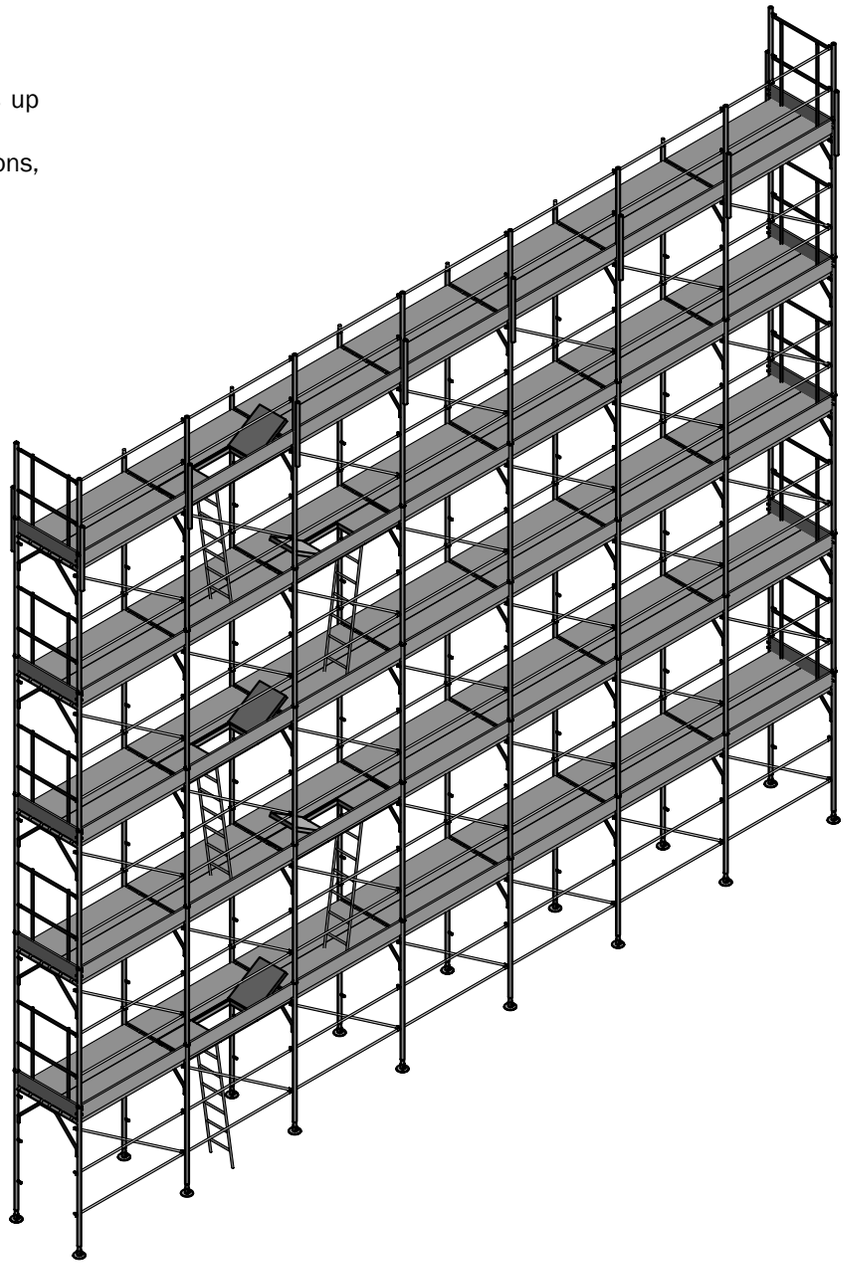


Frame with pins

Scaffolding system made up of frames which allow the design of scaffolding with a pin coupling system for positioning ledgers and diagonals.

The characteristics of the system are:

- Steel: S235JR
- Diameter tube: 48.3 mm x 2.90mm
- Coupling: pins
- Spans: 180 cm
- Authorization for construction loads up to: 300 daN/mq (cl 4,)
- Certifications: Ministry Authorizations, EN 12810.



The System

The scaffolding system with pins is made up of frames with a pin coupling system for positioning ledgers and diagonals.

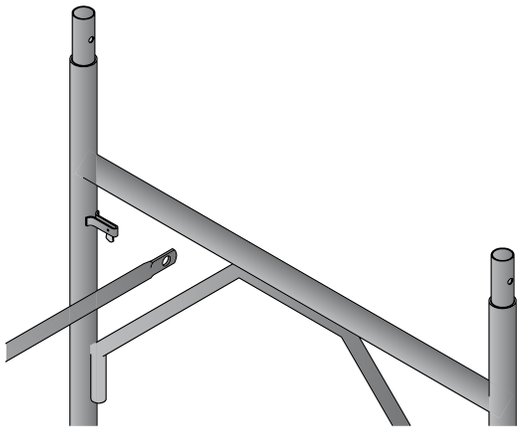
Due to its simple assembly it is widely used by construction companies. Tube and coupler scaffolding can be integrated for special operations. The elements of the prefabricated scaffolding were designed for a simple and safe assembly.

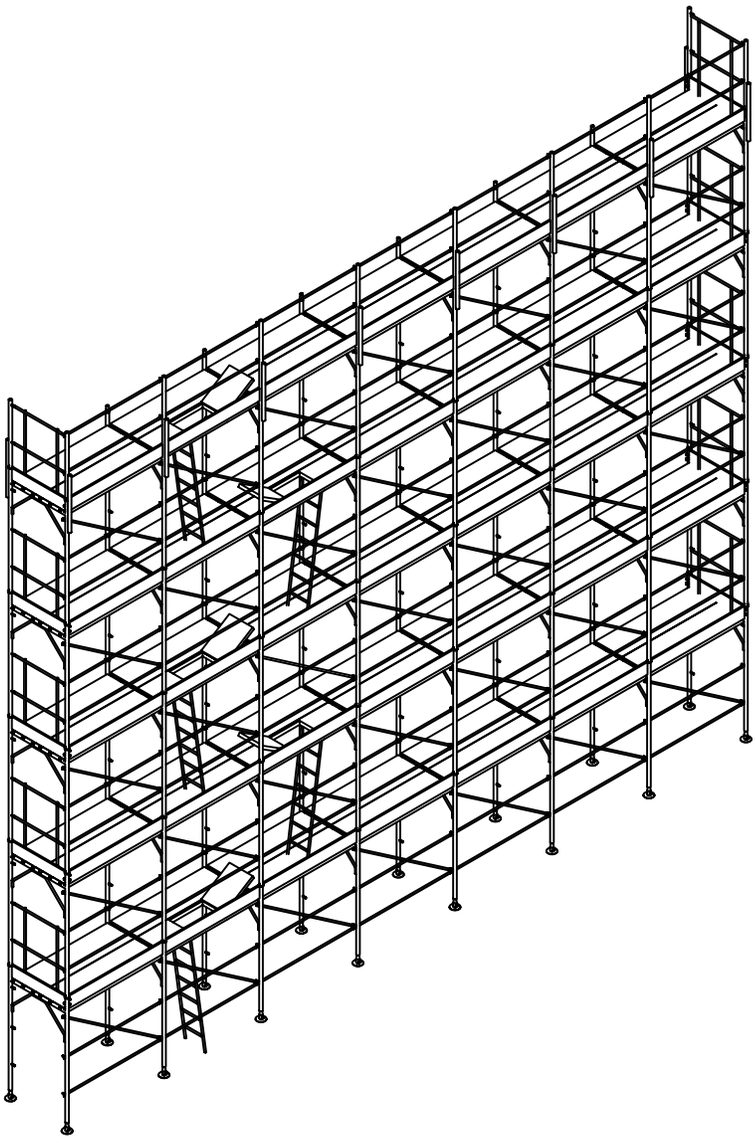
The wide range of accessories allows the design of projects meeting the most sophisticated and complex construction and architectural techniques.

All the elements of the scaffolding were tested and certified by the I.S.P.E.S.L. Laboratory. (Safety Technology Departments and authorized by the Ministry of Labour and Social Affairs with specific AUTHORIZATIONS AND EXTENSIONS).

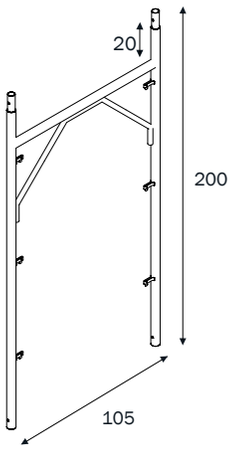
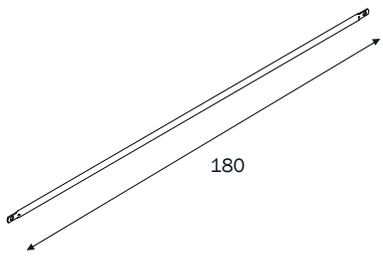
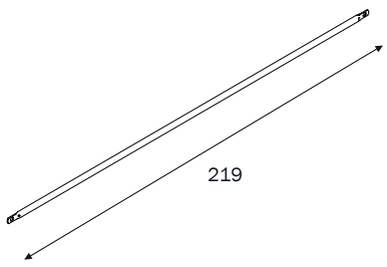
An efficient system for the control of weldings makes CONDOR scaffolding with pins reliable and trustworthy over the time.

The scaffolding with pins is recommended for both renovations and new constructions.





OMEGA

ART.	DIM(cm)	WEIGHT (Kg)	
FRAME Tube ø 48.25x2,9mm	105x200cm		
50350 Galvanized 50300 Painted		19,5 19,5	
Box: 36pz. Package with metal strap: 24pz.			
LEDGER Tube ø 26.9x2,3mm	180cm		
50352 Galvanized 50302 Painted		2,4 2,4	
Package: 100pz.			
DIAGONAL BRACE Tube ø 26.9x2,3mm	219cm		
50353 Galvanized 50303 Painted		2,9 2,9	
Package: 100pz.			

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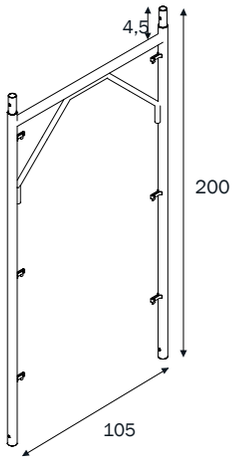
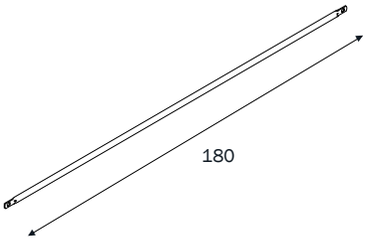
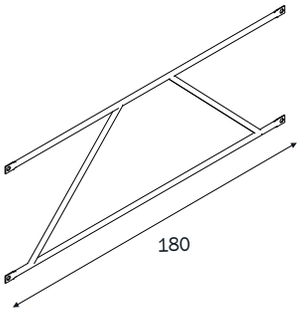
TP105

ART.	DIM(cm)	WEIGHT(Kg)	
FRAME Tube ø 48.25x2,9mm	105x200cm		
50450 Galvanized 50400 Painted		21 20,3	
Box: 36 - 50pz. Package with metal strap: 24pz.			
LEDGER Tube ø 26.9x2,3mm	180cm		
50453 Galvanized 50403 Painted		2,6 2,4	
Package: 100pz.			
FRONT GUARDRAIL Tube ø 26.9x2,3mm	180cm		
50452 Galvanized 50402 Painted		7 7	
Package: 25pz.			

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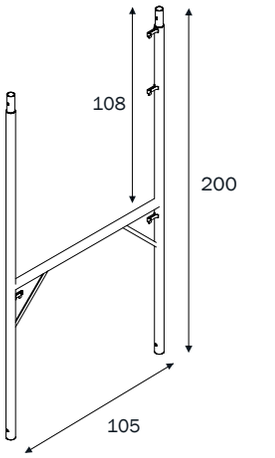
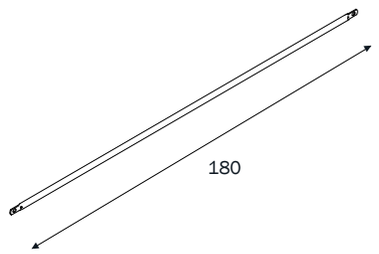
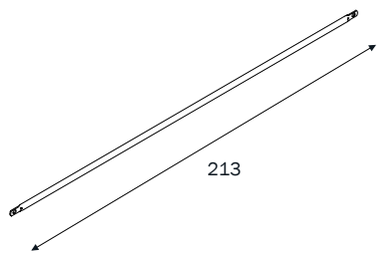
ST2H

ART.	DIM(cm)	WEIGHT (Kg)	
FRAME Tube ø 48.25x2,9mm	105x200cm		
50550 Galvanized 50500 Painted		18,5 18	
Box: 36pz. Package with metal strap: 24pz.			
LEDGER Tube ø 26.9x2,3mm	180cm		
50552 Galvanized 50502 Painted		2,7 2,6	
Package: 100pz.			
DIAGONAL BRACE Tube ø 26.9x2,3mm	213cm		
50553 Galvanized 50503 Painted		3,1 3	
Package: 100pz.			







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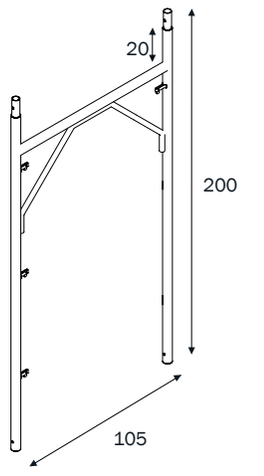
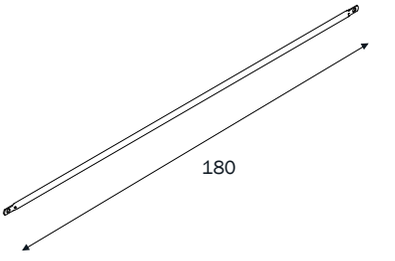
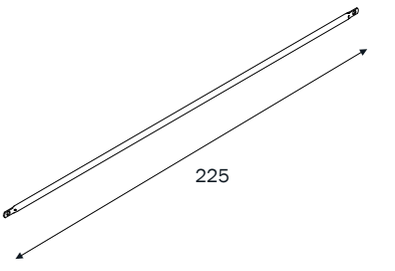
ST2P

ART.	DIM(cm)	WEIGHT (Kg)	
FRAME Tube ø 48.25x2,9mm	105x200cm		
50650 Galvanized 50600 Painted		21 20,3	
Box: 36pz. Package with metal strap: 24pz.			
LEDGER Tube ø 26.9x2,3mm	180cm		
50652 Galvanized 50602 Painted		2,7 2,5	
Package: 100pz.			
DIAGONAL BRACE Tube ø 26.9x2,3mm	225cm		
50653 Galvanized 50603 Painted		2,8 2,8	
Package: 100pz.			

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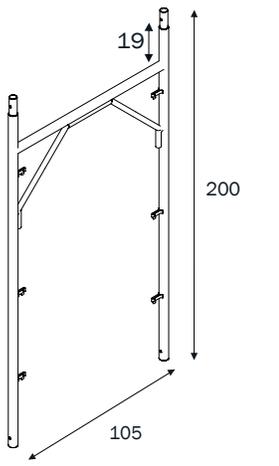
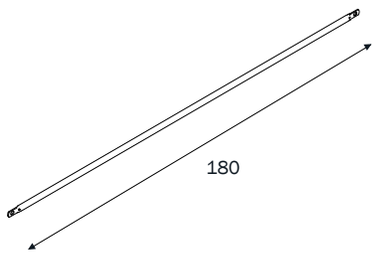
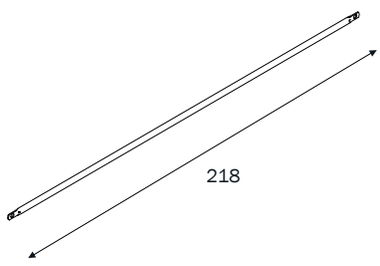
RP6

ART.	DIM(cm)	WEIGHT(Kg)	
FRAME Tube ø 48.25x2,9mm	105x200cm		
50950 Galvanized		18,5	
50900 Painted		18	
Box: 36pz. Package with metal strap: 24pz.			
LEDGER Tube ø 26.9x2,3mm	180cm		
50952 Galvanized		2,7	
50902 Painted		2,6	
Package: 100pz.			
DIAGONAL BRACE Tube ø 26.9x2,3mm	218cm		
50953 Galvanized		3,1	
50903 Painted		3	
Package: 100pz.			

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CHANEL
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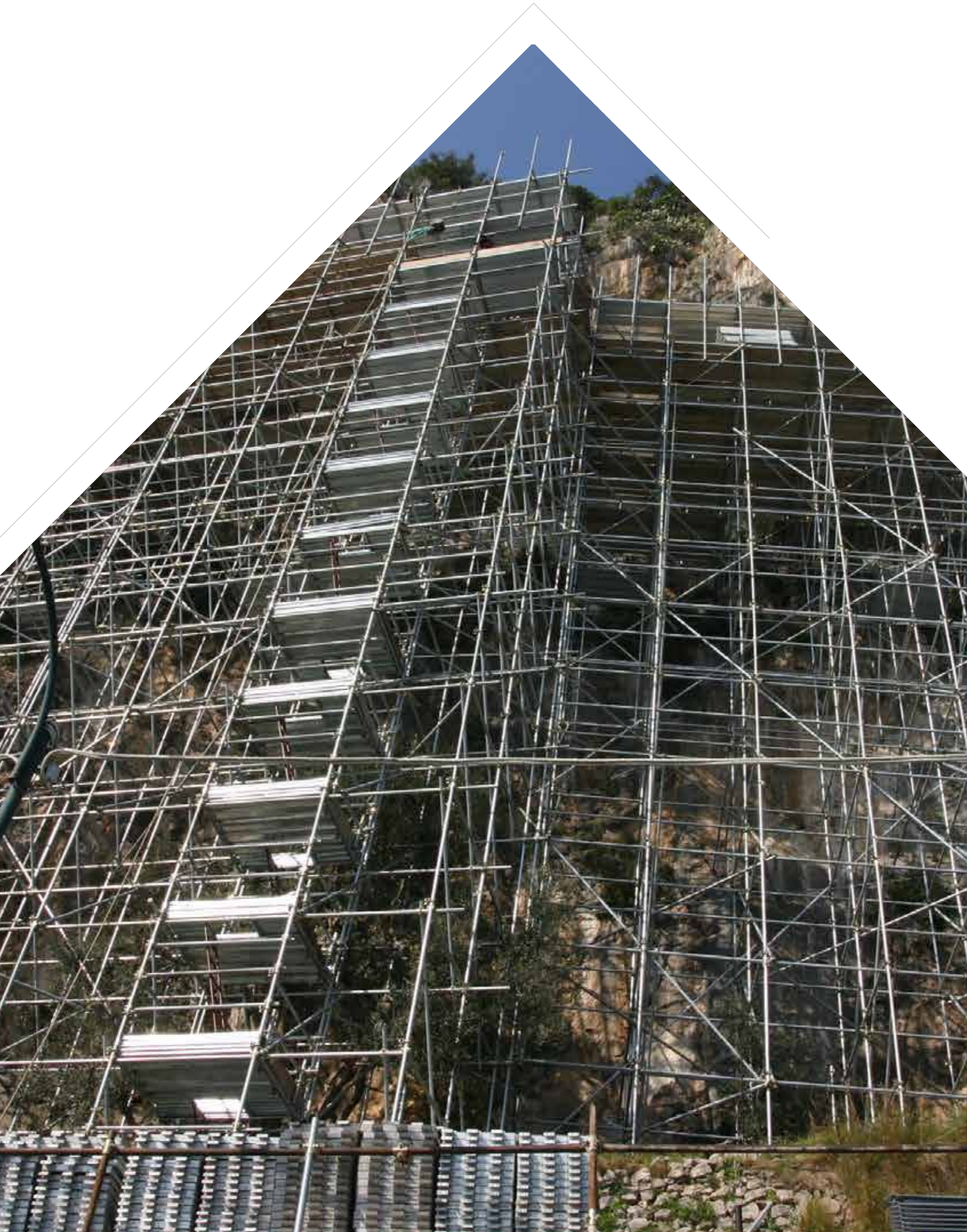
CHANEL

Scaffolding

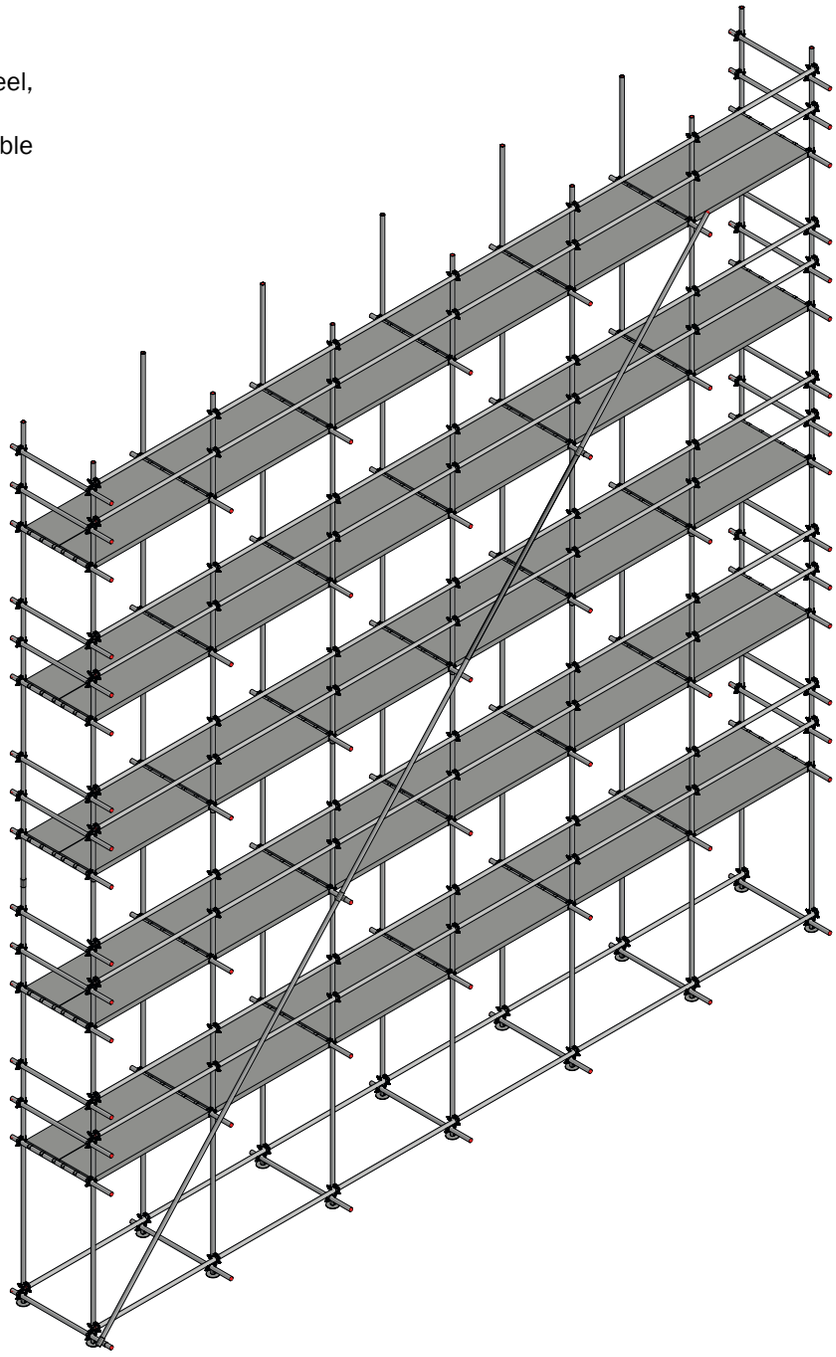


Tube and coupler

Simple, adaptable and cheap, it allows the coupling of components through right angle couplers.

The characteristics of the system are:

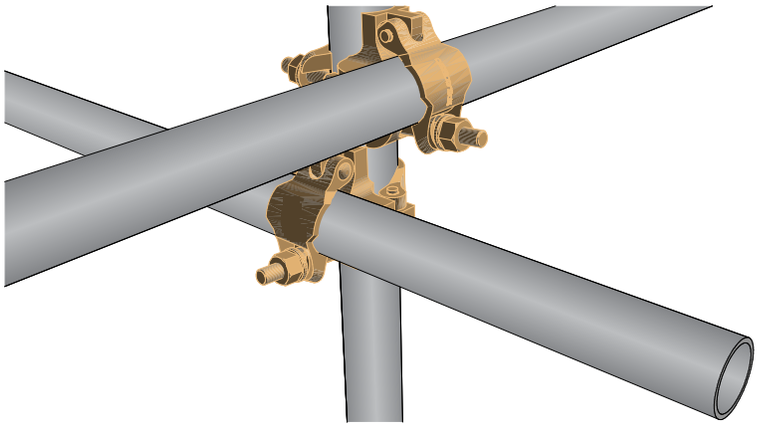
- Steel: S235JR
- Coupler: Pressed, high resistance steel, tropicalized
- Tube: painted and galvanized, available in different length
- Diameter: 48.3mm x 3.20mm

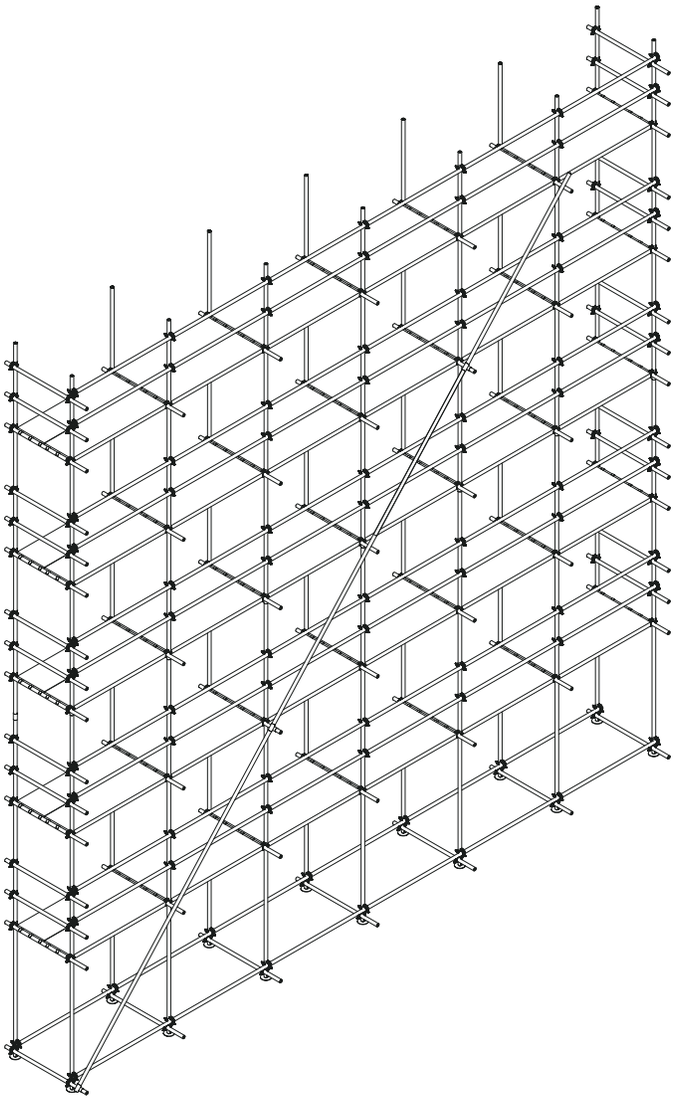


The System

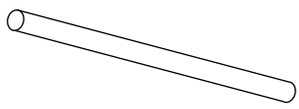
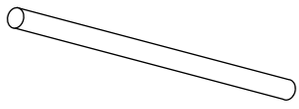
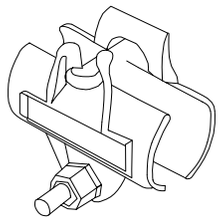
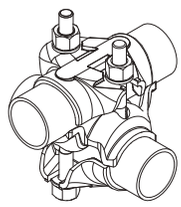
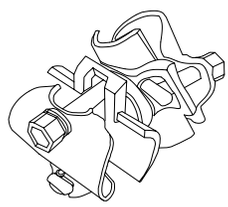
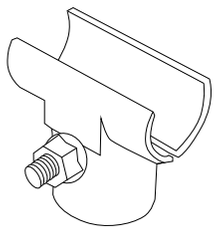
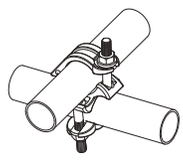
This scaffolding can be used in civil engineering and industrial one, with solutions accepted by Ministry Authorizations: restoration of buildings, shoring and reinforcement structures, maintenance and restoration of particularly complex or extremely deteriorated architectural works.

The scaffolding with tube and coupler is the best solution for construction or maintenance works, matching economic convenience, safety and quality, in compliance with regulation in force.



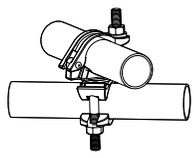
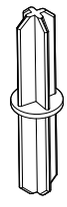
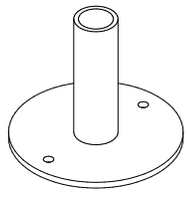
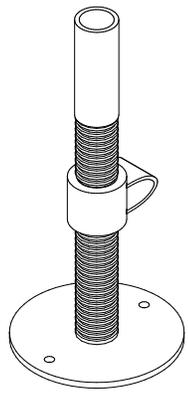


Components

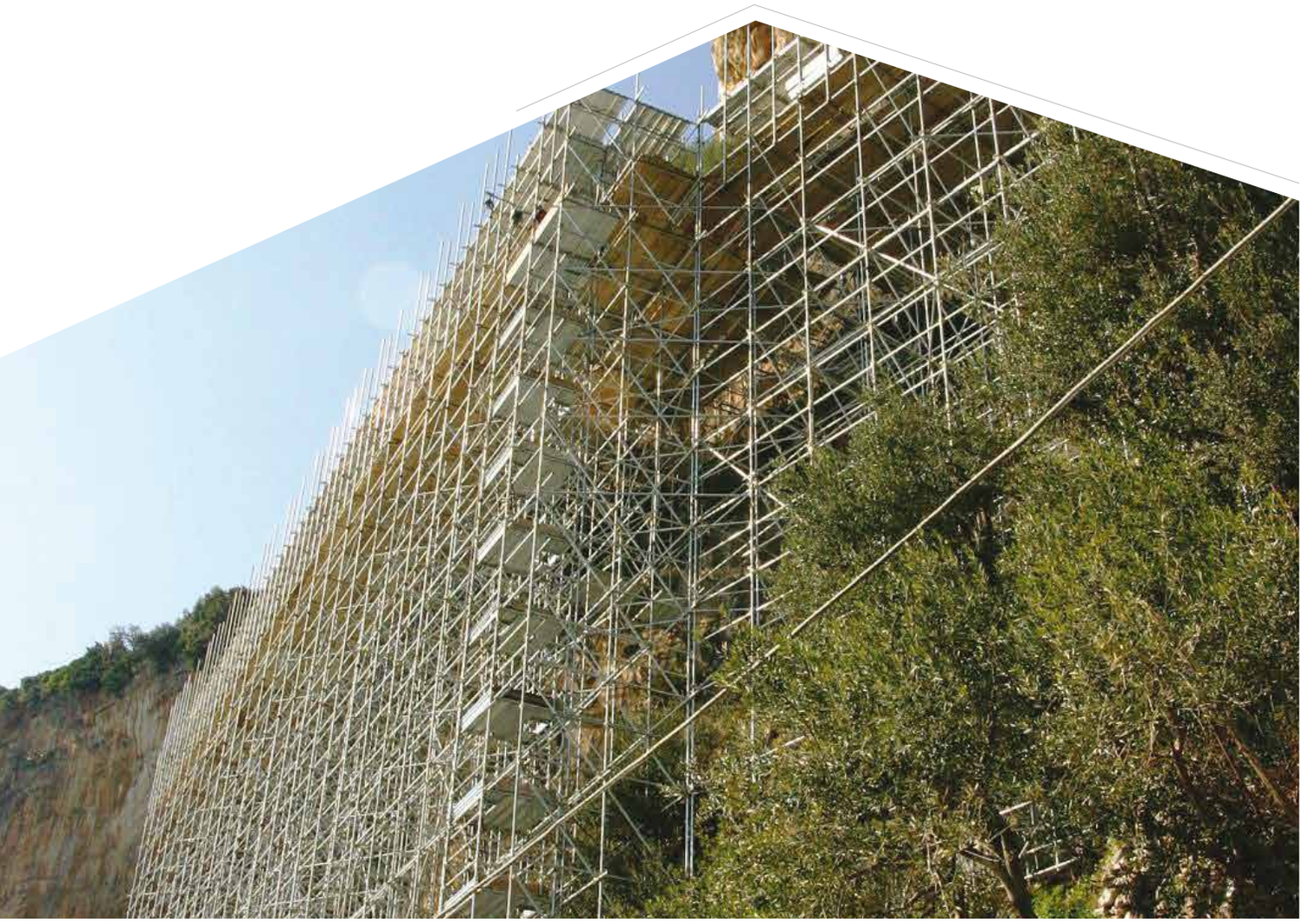
ART.	DIM(cm)	WEIGHT(Kg)	
PAINTED STEEL TUBE Tube ø 48.25x3,2mm 53011 Package: 50 tube	MAX 6m	 3,5/ml	
GALVANIZED STEEL TUBE Tube ø 48.25x3,2mm 53111 Package: 50 tube	MAX 6m	 3,6/ml	
SIMPLE COUPLER 53226 Package: 50pz.		 0,9	
RIGHT ANGLE COUPLER 53220 Pressed with 4 screws 53221 Tropicalized with 2 screws Package: 500pz.		 1,4 1,4	
SWIVEL COUPLER 53213 Tropicalized with 2 screws Package: 400pz.		 2	
T-END COUPLER 53227 Tropicalized		 1,1	
EN74 RIGHT ANGLE COUPLER 53218		 1,2	

Accessories on page 238
Steel decks on page 246

Components

ART.	DIM(cm)	WEIGHT (Kg)	
EN74 SWIVEL COUPLER 53210		1,1	
PLUG 59137 Package: 50pz.		0,6	
SIMPLE BASE 59111 Galvanized 59010 Painted Package: 50pz.		1 1	
ADJUSTABLE BASE Galvanized 59107 59108 59110 59105 Painted 59006 59007 59009 59004 Package: 50pz.	 35cm 50cm 75cm 100cm 35cm 50cm 75cm 100cm	 2,3 2,8 3,6 4,3 2,2 2,6 3,3 4,3	

Accessories on page 238
Steel decks on page 246



Rooftop

ROOFTOP is a roof modular system designed for wide spans ideal for events or protection of a building site.

This structure is made of modular bearing beams in aluminium 74 cm height with built-in guides for inserting roof pvc cover sheets.

The bearing beams are connected with diagonal bracings with constant spacing of 2.5 metres.

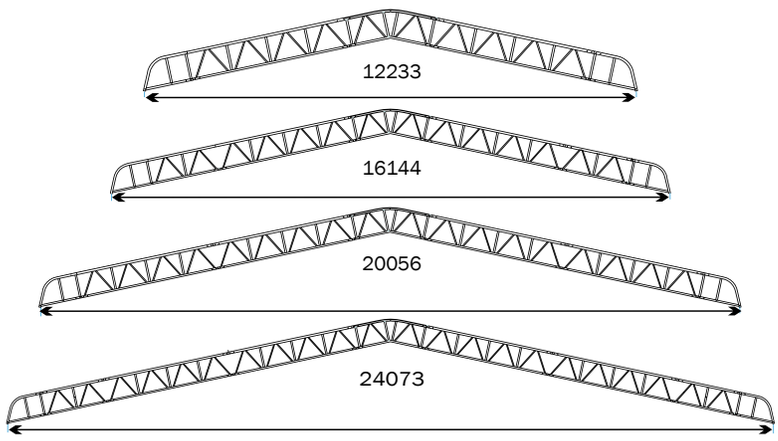
Total canopy comes in several pieces in order to facilitate handling and transportation

Individual cover sheets, 2,5m wide, made pvc of 650 g/m2, class 2 fire resistant, have lateral curbs of sliding in the upper rail system and ends sheaths for fixing pull pipes of cover sheets: they are specially designed to avoid water pockets or infiltrations.

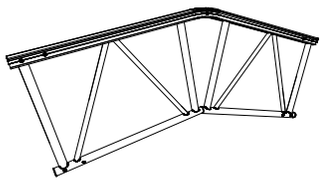
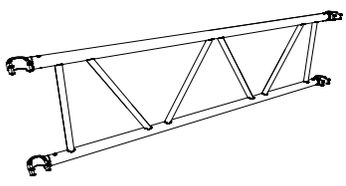
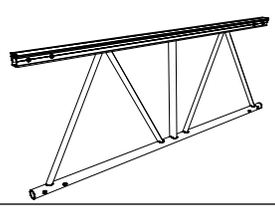
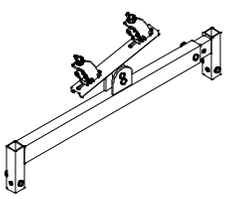
The fixing of the terminal roofing sheets of the roof takes place using a practical system of quick-coupling pipes.

The modularity of the system allows to build a span up to 24 metres in length.

ROOFTOP can be secured on any type of scaffolding systems or shoring towers.

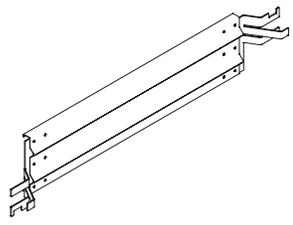
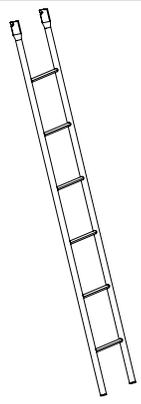
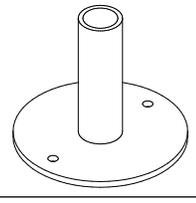
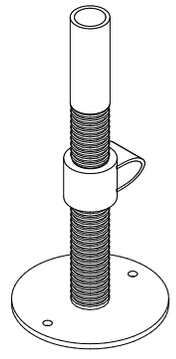
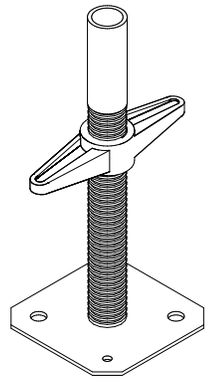


Components

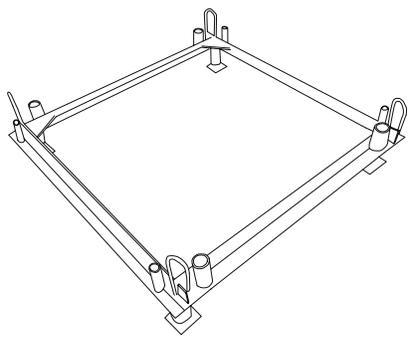
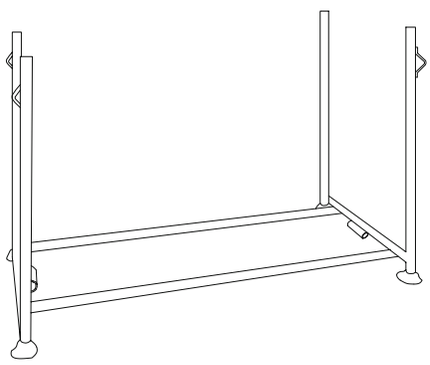
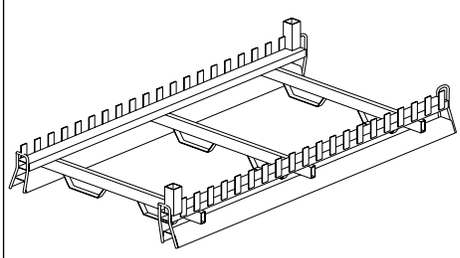
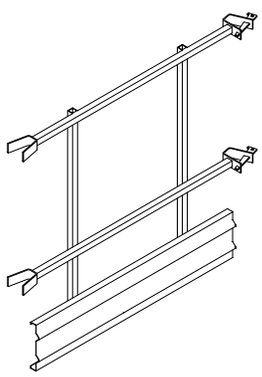
ART.	DIM(cm)	WEIGHT (Kg)	
RIDGE TRUSS 12° WITH KEDER RAIL FOR TARPAULIN			
52707		14,3	
FRONTAL TRUSS WITH KEDER RAIL FOR TARPAULIN			
59702	L=200	11,5	
59703	L=300	18	
59704	L=400	22,5	
PLUG			
59137			
DIAGONAL BRACE SELF-LOCKING CLAMP			
52711	L=250	4,3	
LEDGER SELF-LOCKING CLAMP			
52701	L=250	3,9	
TRANSVERSAL BEAM H52			
52705	L=200	8,6	
52706	L=250	10,5	
EAVES ROUND BEAM			
52701	L=126	5,5	
ADJUSTABLE TILTING SUPPORT			
52701	105/110	12,5	

Scaffolding accessories

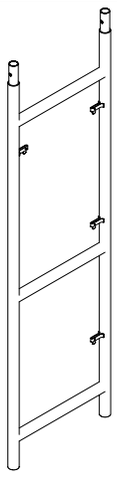
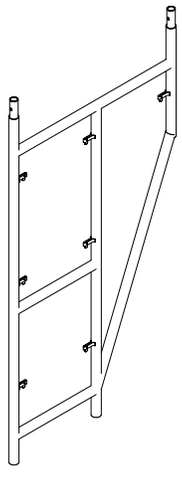
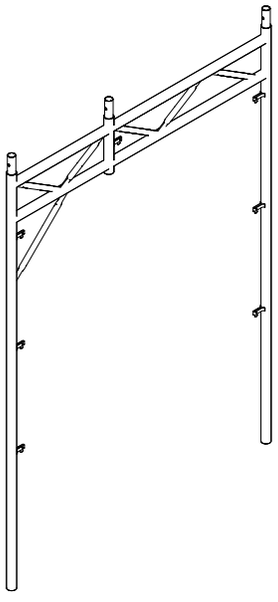
Components

ART.	DIM(cm)	WEIGHT(Kg)	
TOEBOARD			
73000 Galvanized	180cm	3,6	
73015 Galvanized	250cm	5	
Package: 50pz.			
STAIR FOR TRAP-DOOR			
Tube ø 26,9x2,3mm			
70007 Galvanized		7,5	
70006 Painted		7,2	
SIMPLE BASE			
59111 Galvanized		1	
59010 Painted		1	
Package: 50pz.			
ADJUSTABLE BASE			
Galvanized			
59107		2,3	
59108		2,8	
59110		3,6	
59105		4,3	
Painted			
59006		2,2	
59007		2,6	
59009		3,3	
59004		4,3	
Package: 50pz.			
MC ADJUSTABLE BASE			
Galvanized			
52002	35cm	2,5	
52003	50cm	2,9	
52004	75cm	4,3	
52005	100cm	4,7	
Package: 50pz.			

Components

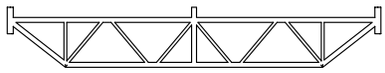
ART.	DIM(cm)	WEIGHT(Kg)	
BOX			
36 Frame with pins			
59427 Galvanized	110x110x30cm	29	
59014 Painted	110x110x30cm	29	
46 Steel deck			
59605 Galvanized	185x84x135cm	47	
59409 Painted	185x84x135cm	40,4	
50 Frames (overlappable)			
59603 Galvanized	115x210cm	65	
59407 Painted	115x210cm	65	
SIDE GUARDRAIL			
59112 Galvanized		9,5	

Components

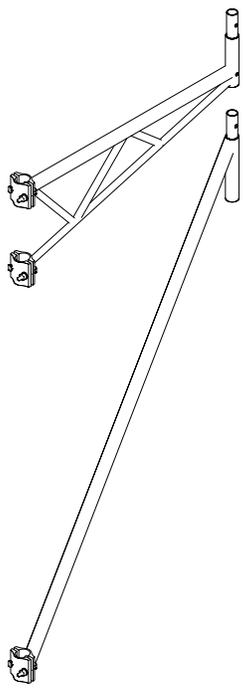
ART.	DIM(cm)	WEIGHT(Kg)	
INFERIOR FRAME FOR TIGHT START			
59140 Galvanized		19,3	
59070 Painted		19	
			
SUPERIOR FRAME FOR TIGHT START			
59146 Galvanized		27,4	
59074 Painted		26,9	
			
LARGE STARTING FRAME			
59141 Galvanized	150cm	39	
59142 Painted	170cm	42	
			

Components

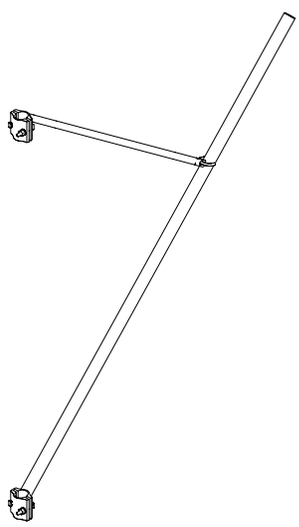
ART.	DIM(cm)	WEIGHT(Kg)	
OPENING TRUSS			
59152 Galvanized	360cm	78	
59080 Painted	360cm	75,2	
59153 Galvanized	540cm	90	
59081 Painted	540cm	130	



BRACKET WITH STRUT			
59121 Galvanized		9,4	
59030 Painted		9,1	
BRACKET			
59621 Galvanized		6,5	
59430 Painted		6,5	
STRUT FOR BRACKET			
59607 Galvanized		9,2	
59418 Painted		7,5	

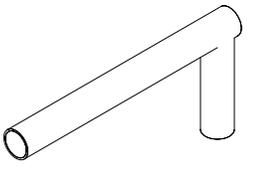


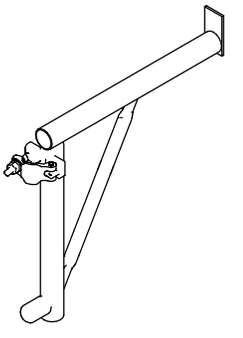
STONE PROTECTION BOARD			
59130 Galvanized		8,9	
59039 Painted		8,6	

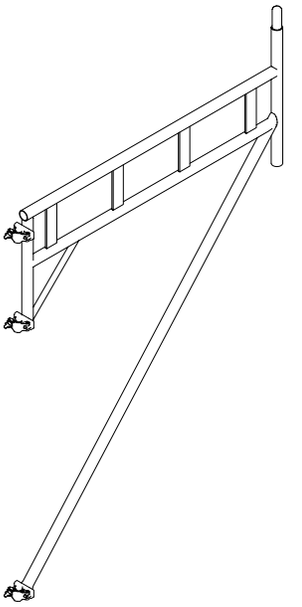


Components

ART.	DIM(cm)	WEIGHT(Kg)	
TOP GUARD RAIL FOR FRAME WITH PINS			
59150 Galvanized	100cm	7,5	
59151 Galvanized	200cm	11,7	
59078 Painted	100cm	7,3	
59079 Painted	200cm	11,7	
TOP GUARD RAIL FOR FRAME WITH BUSHES			
59148 Galvanized	100cm	7,5	
59149 Galvanized	200cm	11,7	
59076 Painted	100cm	7,5	
59077 Painted	200cm	11,7	
ANCHORAGE FIXED PIPE			
59138 Galvanized		1,6	
BRACKET			
59119 Galvanized	40cm	4,4	
59027 Painted	40cm	4,1	
59120 Galvanized	65cm	6,7	
59028 Painted	65cm	6,3	
BRACKET FOR LOADING PLATFORM			
51504 Galvanized		20,5	
51404 Painted		20,1	







Scaffolding decks

As a result of an accurate study of production process and intended applications, CONDOR decks have unique and matchless features in matter of safety, resistance and manageability.

CONDOR produces a wide range of steel decks, made both in galvanized steel and aluminum. Decking levels have an anti-slip system (embossed/drilled), which makes CONDOR products unique in matter of safety and quality, in compliance with the strictest requirements of Italian and European safety regulations. The CONDOR steel deck system can be easily attached to the frame beam, which makes it an extremely manageable product, easy and quick to assemble.

All decks are assembled with the clinching system and have no welding points, which allows to avoiding the formation of rust. The decks are designed to provide maximum safety to those who consider safety as a significant goal in their work. Thanks to its original anti-slip surface and to the special drilled pattern, it eases the elimination of water, avoiding dangers resulting from frost and humidity. Moreover, the sheet's bent edges exclude the problem of sharp protrusions.

All decks are approved as class 4 (certification granted by ISPESL laboratories), i.e. for capacities up to 300 daN/ m2. Thus they can be used for both maintenance and building scaffolding. Some types of decks guarantee capacities up to 600 daN/mq. These high performances are provided by the special pattern of reinforce ribs and by the development of lower cold-formed support frames .

Decks produced by CONDOR are:

- SIRIO SERIES*: produced in the following standard sizes:
  - Width: 30 / 33/ 50 cm
  - Length: 75 / 100 / 105 / 113 /150 / 180 / 200 /250 /300 cm

- VEGA SERIES: produced in the standard size 180x50cm with hook fittings.

- ALU-WOOD SERIES: deck with aluminum frame and anti-slip wooden surface.

- STEEL TRAPDOORS: decks used to reach the scaffolding levels.

- ALUMINUM TRAPDOORS: are characterized by high lightness even in big sizes (250 / 300cm).

- STEEL AND WOODEN TRAPDOORS: deck with aluminum frame and anti-slip wooden surface.

The range of steel scaffolds is completed by compensation decks and sheets, which can be used instead of wooden decks, in order to make spans to level and to close holes and gaps, in compliance with fire-resistance requirements, as required in the industrial field, for instance.

Sirio

The deck is produced by a single cold-formed sheet. The “TP” mark results from embossing the hook fittings.
The deck is made up as follows:

- Galvanized sheet surface, 1 mm thick, S250GD, 494 mm wide and L long, with three folds forming three closed profile, which make up the decking level. The sheet creates a 60 mm high profile. The surface of the decking level has anti-sliding indentation, which produce an anti-slip effect.

- no. 2 hook fittings in sheet S250GD, 2.5 mm thick. A support surface and three ribbed hooks are cold-pressed on them, which can be attached with the transoms of the prefabricated frames. Hook fittings are then secured to the walking steel surface with 7 TOX points. Each hook fittings has a safety steel lock S250GD, made of 2.5 mm thick pressed sheet, and slides in a rail placed in the head. This steel lock is formed so that it cannot loosen after being assembled.

When sliding towards the extremity, the steel lock fastens under the transom with pressure, and prevents the deck to accidentally lift. On the contrary, when it slides inward of the deck, it releases the transom and allows for the removal of the deck. In both cases the position of the steel lock is stable and physical intervention is needed in order to change its position.

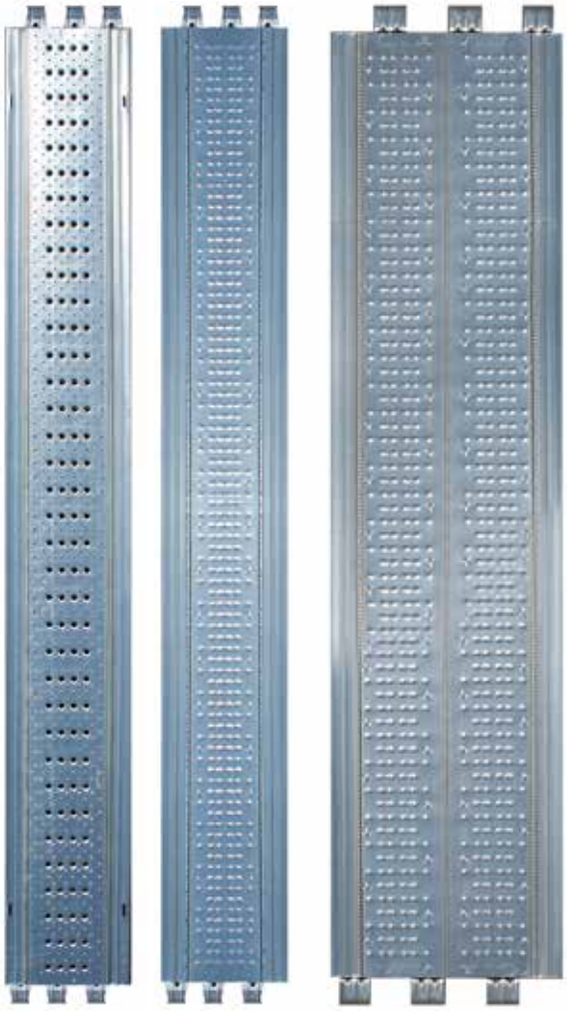
The disposal of contingent standing water is guaranteed by the presence on the surface of holes drilled every 108 mm. Contingent thin ice formations resulting from inevitable partial standing water do not exceed anti-slip indentations, which protrude 2 mm over the deck surface.

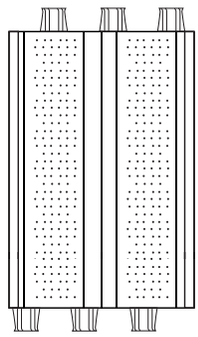
Depending on its length, the deck can achieve 6 class capacity (UNI EN 12811), corresponding to a load of 600Kg/ mq.

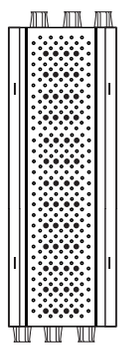
The deck is produced in several sizes 75 - 105 - 150 - 180 - 200 - 250 - 300.

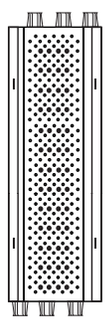
The characteristics of the system are:

- Central reinforce with anti-slip indentations without sharp edges;
- Passage is facilitated by the support heads with three hooks with lowered reinforcing ribs.
- Strategic positioning of surface-attaching points, in order to avoid significant bending due to the variation of load;
- High stability to longitudinal warpage guaranteed by the continued seam of the profile;
- Possibility to build decks up to 250 cm of length on traditional scaffolding with 180 cm step.
- CL6 load, amounting to 600 daN/mq, equal to twice the traditional CL4 decks, with 300 daN/mq capacity.



“SIRIO” DECK - Width 50cm								
Classification based on load classes (UNI EN 12811-1: 2004)								
	Length (cm)							Pattern
	75	105	150	180	200	250		50cm
Load uniformely distributed	CL.6	CL.6	CL.6	CL.4	CL.4	CL.4		
	kN/m^2							
0,75 kN/m^2	•	•	•	•	•	•		
1,50 kN/m^2	•	•	•	•	•	•		
2,00 kN/m^2	•	•	•	•	•	•		
3,00 kN/m^2	•	•	•	•	•	•		
4,50 kN/m^2	•	•	•	•	•	-		
6,00 kN/m^2	•	•	•	-	-	-		

“SIRIO” DECK - Width 33cm								
Classification based on load classes (UNI EN 12811-1: 2004)								
	Length (cm)							Pattern
	75	105	150	180	200	250	300	33cm
Load uniformely distributed	CL.6	CL.6	CL.6	CL.5	CL.5	CL.4	CL.3	
	kN/m^2							
0,75 kN/m^2	•	•	•	•	•	•	•	
1,50 kN/m^2	•	•	•	•	•	•	•	
2,00 kN/m^2	•	•	•	•	•	•	•	
3,00 kN/m^2	•	•	•	•	•	•	-	
4,50 kN/m^2	•	•	•	•	•	-	-	
6,00 kN/m^2	•	•	•	-	-	-	-	

“SIRIO” DECK - Width 30cm								
Classification based on load classes (UNI EN 12811-1: 2004)								
	Length (cm)							Pattern
	75	105	150	180	200	250	300	30cm
Load uniformely distributed	CL.6	CL.6	CL.6	CL.5	CL.5	CL.4	CL.3	
	kN/m^2							
0,75 kN/m^2	•	•	•	•	•	•	•	
1,50 kN/m^2	•	•	•	•	•	•	•	
2,00 kN/m^2	•	•	•	•	•	•	•	
3,00 kN/m^2	•	•	•	•	•	•	-	
4,50 kN/m^2	•	•	•	•	•	-	-	
6,00 kN/m^2	•	•	•	-	-	-	-	

Vega

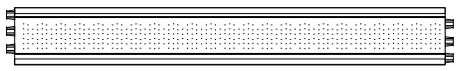
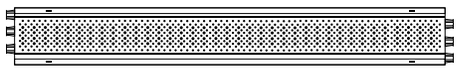
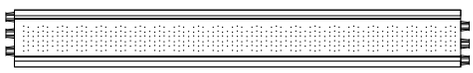
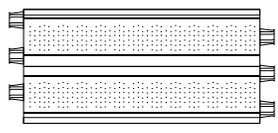
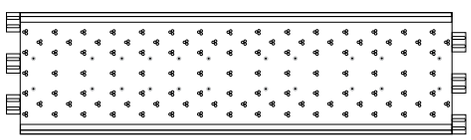
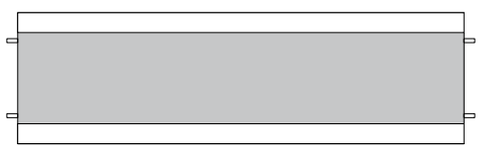
The deck is made with a surface in galvanized sheet, with anti-slip protruded elements on the walking level. The support structure is made with two cold-formed frames, fastened to the sheet with a clinching system.

Hook fittings are made by cold-pressing the galvanized sheet. The deck is put in place with three hooks with ribs, in order to ensure a perfect resting on prefabricated frame's transoms. The hook fittings are fastened to the surface with a clinching system.

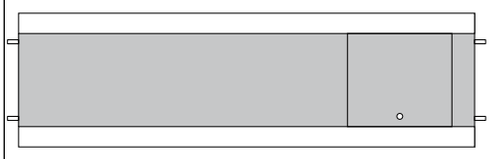
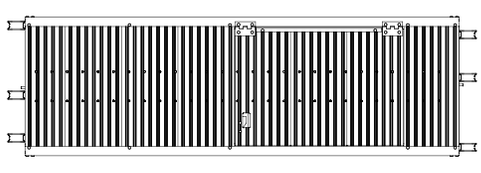
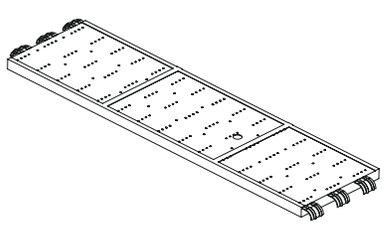
Each head has a safety steel lock, which slides in a rail placed in the head itself. This steel lock is formed so that it cannot loosen after being assembled. The deck has a 300Kg/mq (class 4) authorized capacity and it is produced in only one length (180cm).

TECHNICAL INFORMATION	
Width	50cm
Length	180cm
Weight	14,32 Kg
Steel	Galvanized
Anti-slip	YES
Fixture clamping	YES
Maximum Load	3,0 kN/m2
Capacity class UNI EN 12811-1	4

Components

ART.	DIM(cm)	WEIGHT(Kg)	
SIRIO STEEL DECK			
70046	30x150cm	8	
70030	30x180cm	9,9	
70031	30x200cm	10,9	
70032	30x250cm	15,4	
70033	30x300cm	18,4	
			
With slot			
72106	30x73cm	4,2	
72107	30x75cm	4,3	
72108	30x105cm	5,8	
72109	30x150cm	7,8	
72110	30x160cm	8,4	
72111	30x180cm	9,9	
72112	30x200cm	10,9	
72113	30x250cm	15,4	
72114	30x300cm	18,4	
70049	33x75cm	4,9	
70050	33x105cm	6,4	
70045	33x150cm	8,6	
70041	33x180cm	10,2	
70042	33x200cm	11,7	
70043	33x250cm	16,4	
70044	33x300cm	19,5	
With slot			
72140	33x73cm	4,8	
72141	33x75cm	4,9	
72142	33x105cm	6,4	
72143	33x150cm	8,6	
72144	33x160cm	9,1	
72145	33x180cm	10,2	
72146	33x200cm	11,7	
72147	33x250cm	16,4	
72148	33x300cm	19,5	
Package with metal strap: 80pz.			
70023	50x75cm cl6	8,4	
70024	50x105 cl6	10,5	
70025	50x150 cl6	13,7	
70026	50x180 cl6	15,8	
70028	50x200 cl4	17,2	
70027	50x250 cl4	20,8	
Package with metal strap: 48pz.			
VEGA STEEL DECK			
70001 DX	50x180cm	14,3	
70003 SX	50x180cm	14,3	
Package with metal strap: 50pz.			
ALU-WOOD DECK			
72173	62x150cm	14,3	
72176	62x200cm	18,5	
72177	62x250cm	22,7	
72178	62x300cm	27,4	

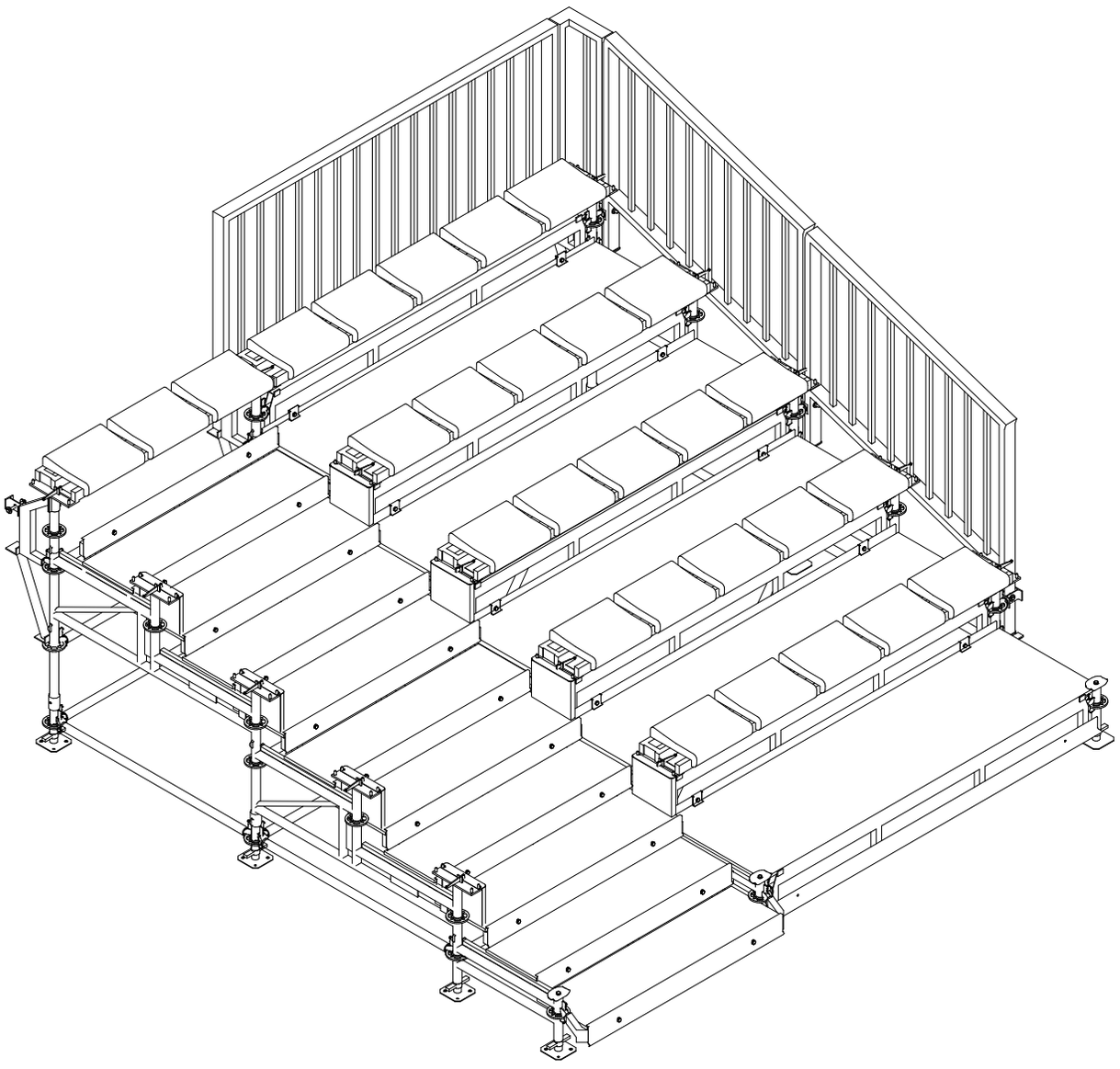
Components

ART.	DIM(cm)	WEIGHT(Kg)	
ALU/WOOD TRAPDOOR			
72073	61,5x250cm	23,4	
STAGE ALUMINIUM DECK			
72029	50x200cm	20,5	
ADJUSTABLE ANGLESTAGE ALU DECK			
72030	50x200cm	20,5	
ALUMINIUM TRAP-DOOR			
72017	61,2x150cm	23	
72015	61,2x180cm	24	
72018	61,2x200cm	25	
72019	61,2x250cm	27	
72020	61,2x300cm	29	
TRAP-DOOR STEEL DECK			
70004 DX	50x180cm	22	
70005 SX	50x180cm	22	

Events

Thanks to its variability and modularity, MULTICOM system is also used in sport, cultural and musical events. The versatility of MULTICOM system allows for safely, conveniently and quickly assembling stages for events, modular coverings, audio/ light towers, galleries, stairs, personalized safe barriers, telescopic columns and high bleachers.

CONDOR makes available for events' companies a technical department which is able to meet any construction or structural need.



Bleachers

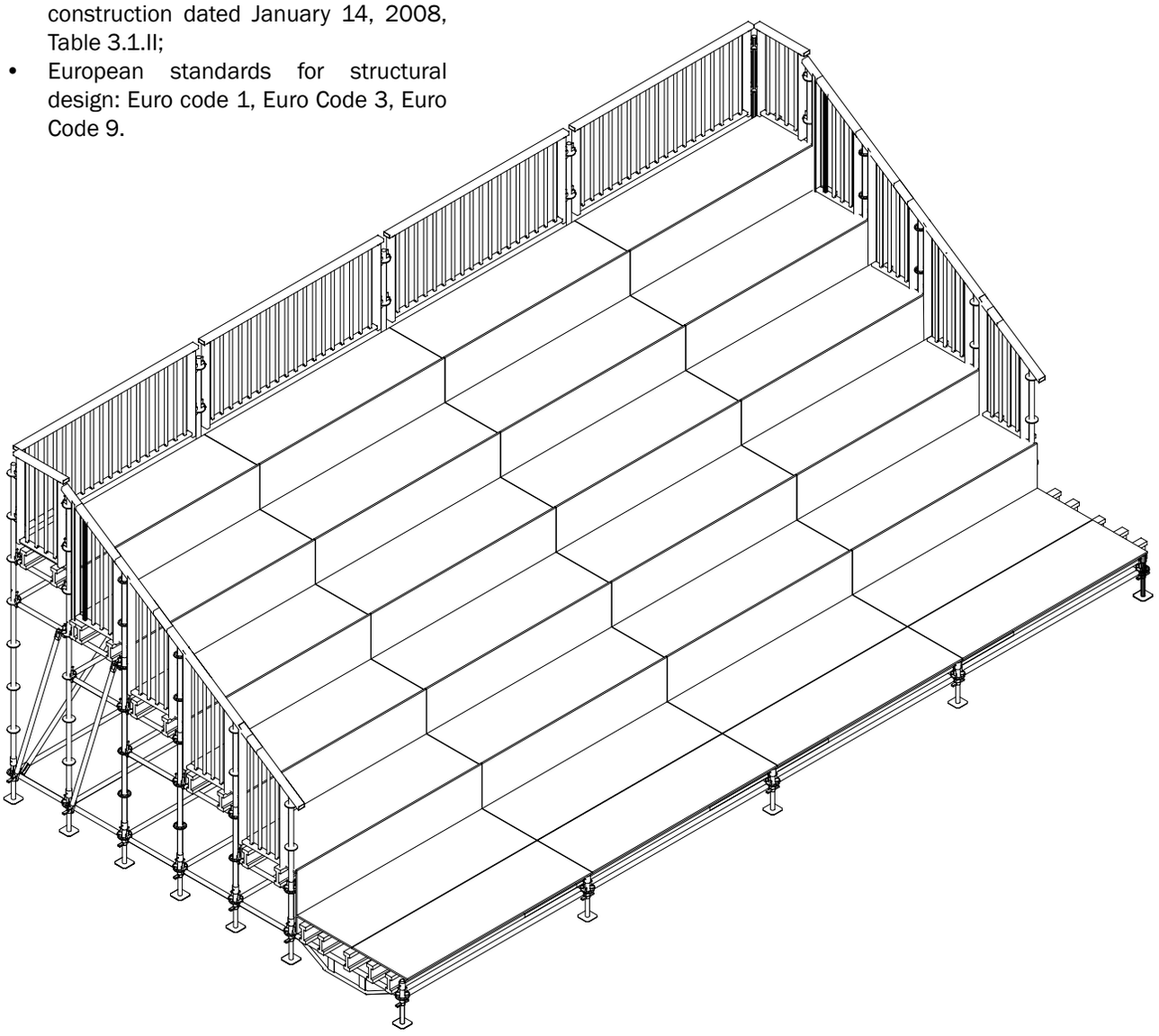
Bleachers are special grandstands without fixed seats, made with MULTICOM CONDOR system.

The standard module is 75x250 cm and 50 cm high. The modularity of MULTICOM system can achieve any desired length and width.

The whole structure has safety parapets and access steps.

CONDOR bleachers are designed in compliance with regulation in force:

- New Technical Standards for construction dated January 14, 2008, Table 3.1.II;
- European standards for structural design: Euro code 1, Euro Code 3, Euro Code 9.



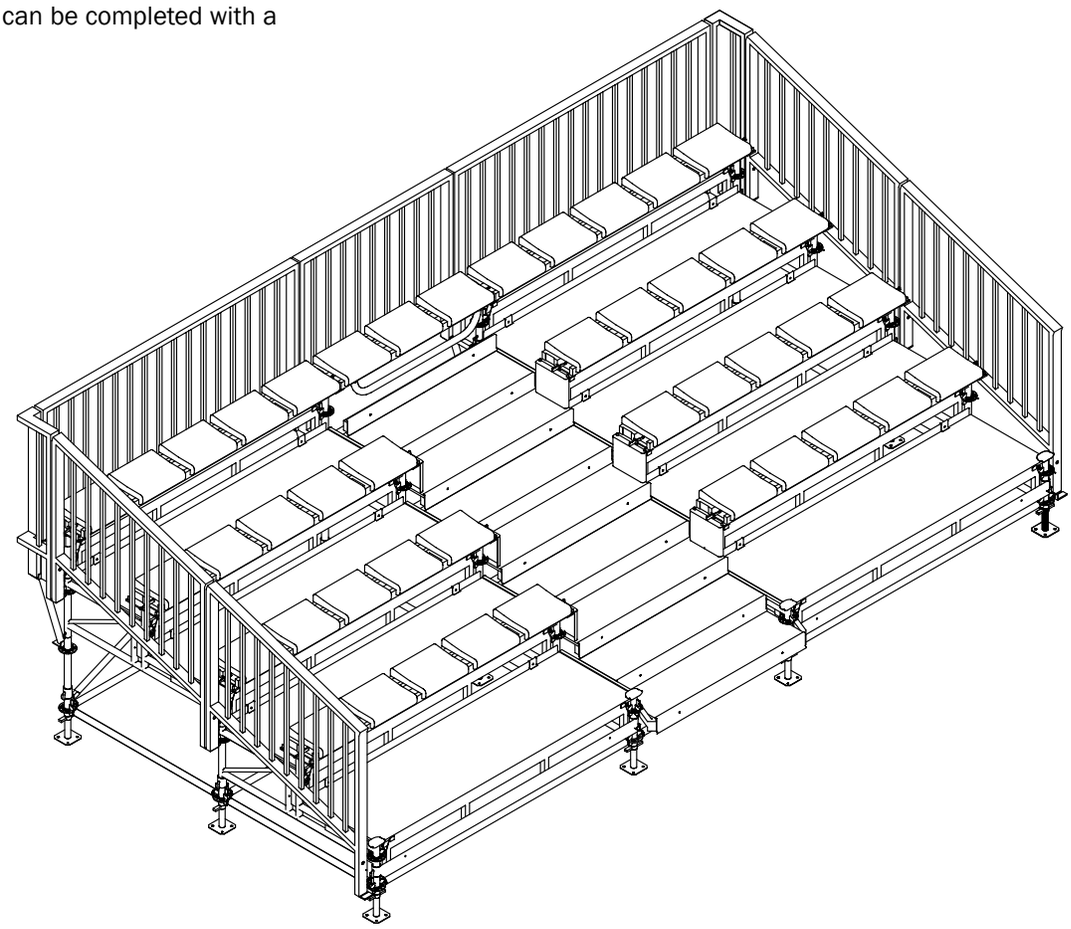
Galleries

Galleries with seats are made up by a base structure of MULTICOM multidirectional system with high step frames and carply tread surface.
The standard module is 250x75cm.

The gallery can be assembled with or without a front walkway. The first module can be placed at different heights, in order to allow the audience to see from the high level. In case there is no front walkway, the base frame is placed on the ground and develops upwards.

As for the seats, two solutions are available: PVC fire-resistant class 1 seats with high or low back. The stair module is 250 cm wide and the gallery includes safety parapets on all exposed sides.

The modularity and flexibility of the system allows the design of galleries of different length, width and height, depending on specific needs and can be completed with a covering.



Stages

Structures in CONDOR multidirectional system for stages with standard modules of 200x200 cm and 200x100 cm.

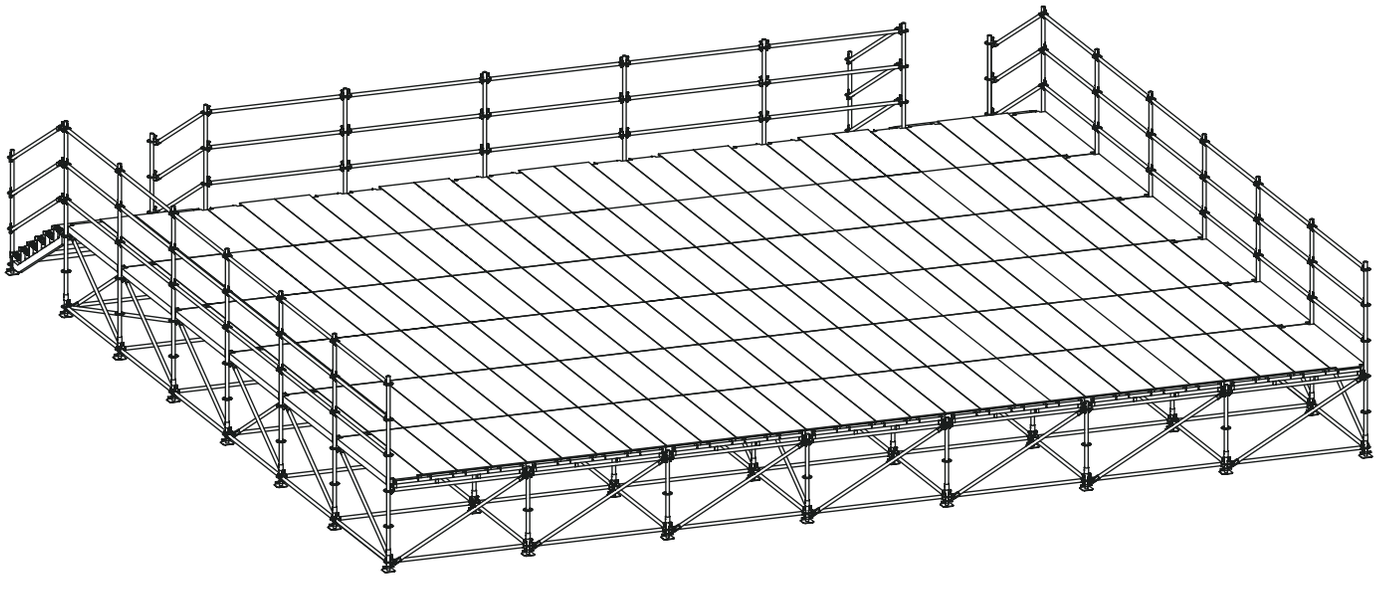
Walking surfaces with both stage decks (in aluminum) of 200x50 cm in anti-slip fire-resistant multilayer class 1 wood and wooden beams and decks.

The stage includes access stairs. The height of the stage can vary by using differently sized standards. Parapets can be made with both standard ledgers of the multidirectional scaffolding or with one closing element only.

CONDOR stages can have lateral, single or double walls, with different height, made with multidirectional scaffolding, directly connected to the stage, in order to enable the connection of engines for lifting up the covering and the audio/light system.

CONDOR stage was designed in compliance with regulation in force for a capacity of 600 Kg/m2.
CONDOR stages are designed in compliance with regulation in force:

- New Technical Standards for construction dated January 14, 2008, Table 3.1.II;
- European standards for structural design: Euro code 1, Euro Code 3, Euro Code 9.



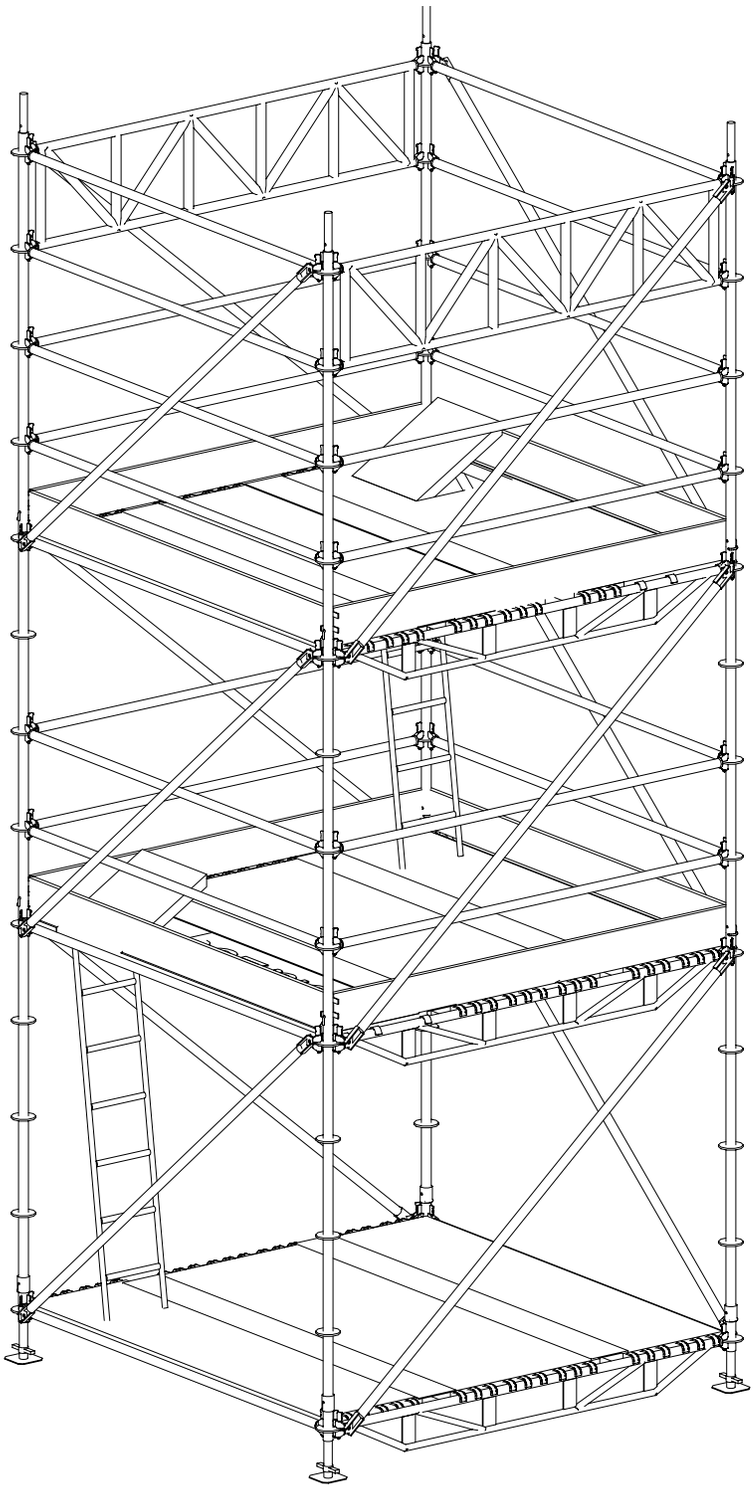
Control towers

CONDOR MULTICOM system allows the design of control towers to host the technicians and the operators of the event.

The structure is made with base modules of 200x200cm and 250x250cm and 300x300cm with variable height depending on needs. The walking surface is made with “SIRIO” series standard steel decks.

Accesses can be made with decks with trapdoor or external stairs.

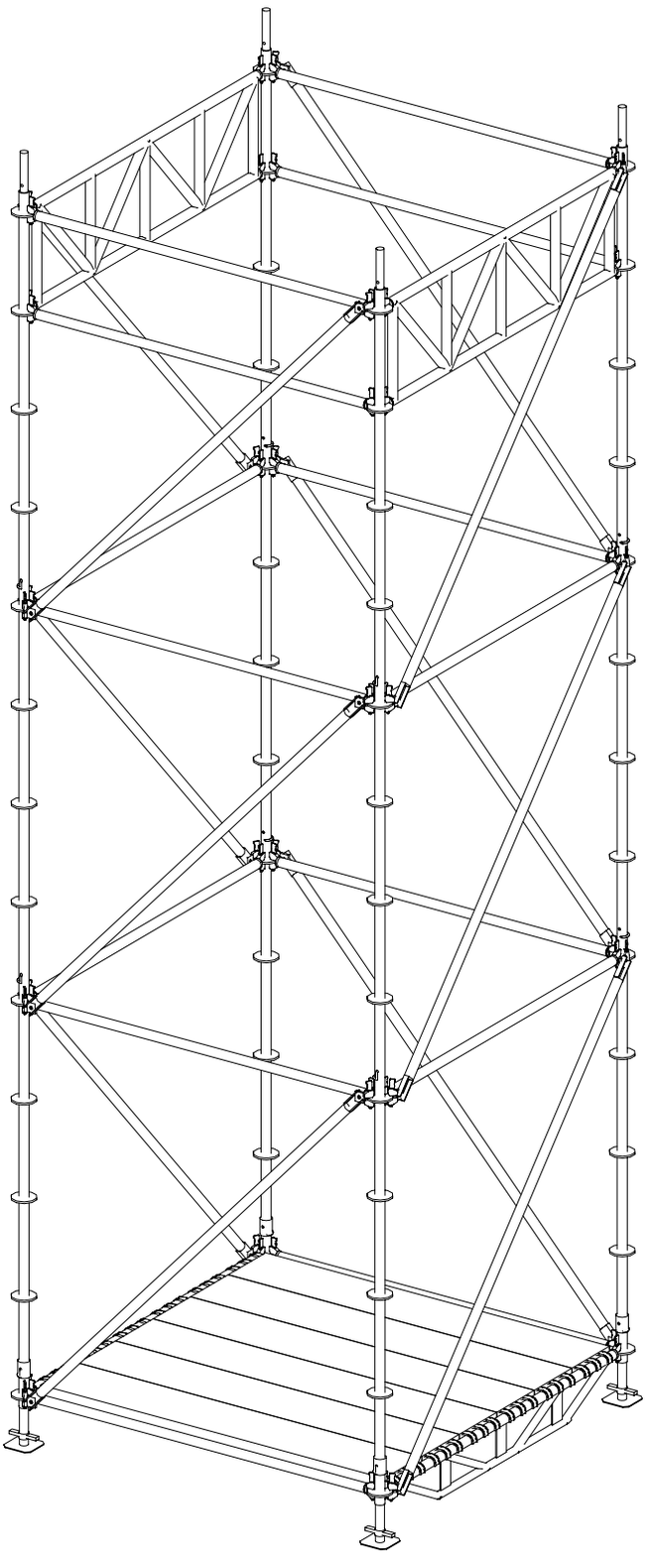
Towers of different sizes and heights are available, according to needs.



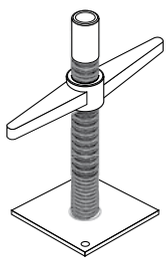
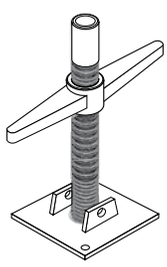
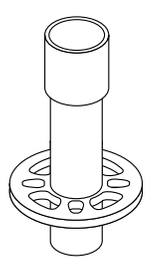
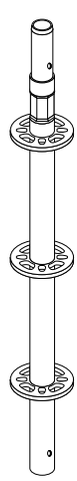
Audio/Light Towers

MULTICOM CONDOR system allows the design of towers for the audio/light system in 200×200cm, 250x250cm and 300×300cm modules with variable height, according to needs.

They are suitable to support audio and light systems and house technical staff. Customizable with screen printed cloths. It is possible to create structures also on uneven grounds and on water.

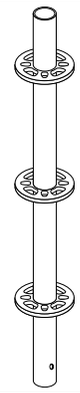


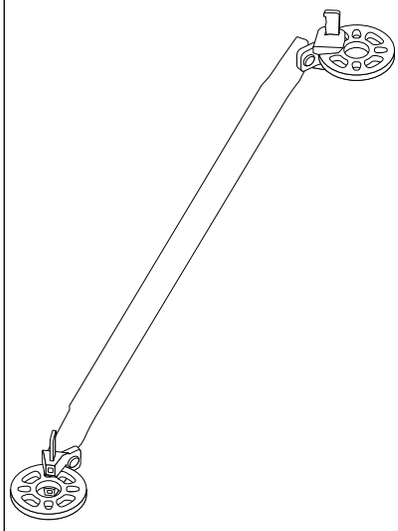
Components

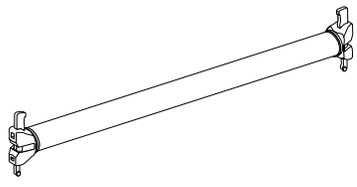
ART.	DIM(cm)	WEIGHT (Kg)	
ADJUSTABLE BASE PLATE			
52002	35cm reg. max 25cm	2,5	
52003	50cm reg. max 35cm	2,9	
52004	80cm reg. max 55cm	4,3	
52005	100cm reg. max 70cm	4,7	
SWIVELLING BASE PLATE			
52006	50cm reg. max 35cm	5,8	
52007	100cm reg. max 70cm	8,8	
STARTING ELEMENT			
52000	23,5cm	1,6	
STANDARD			
52020	25cm	1,5	
52021	50cm	2,7	
52022	100cm	5,4	
52023	150cm	7,7	
52024	200cm	9,8	
52025	250cm	12	
52026	300cm	14,3	
52027	350cm	18,7	

Components

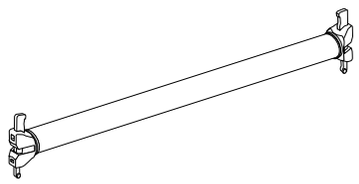
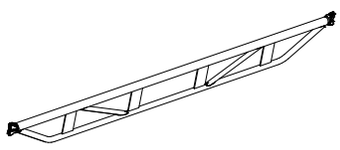
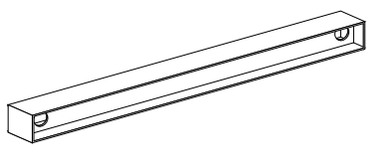
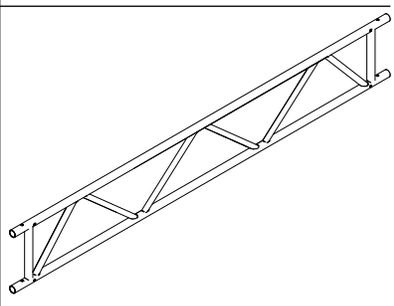
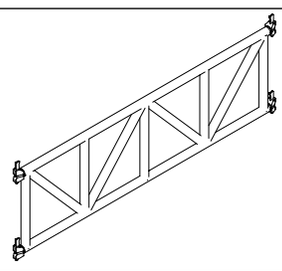
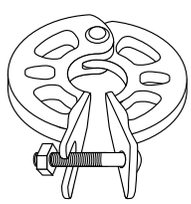
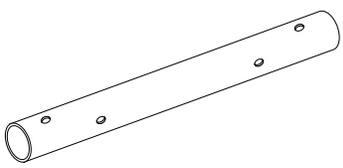
ART.	DIM(cm)	WEIGHT (Kg)	
STANDARD WITHOUT SPIGOT			
52028	25cm	1,3	
52029	50cm	2	
52030	100cm	4,6	
52031	150cm	6,9	
52032	200cm	9	
52033	250cm	11,2	
52034	300cm	13,5	
52035	400cm	17,9	
FRONT DIAGONAL BRACE			
52100	h200x75cm	8,6	
52101	h200x100cm	8,9	
52102	h200x105cm	9	
52103	h200x113cm	9,1	
52104	h200x150cm	9,7	
52105	h200x180cm	10,4	
52106	h200x200cm	10,8	
52107	h200x250cm	12,1	
52108	h200x300cm	13,5	
52109	h150x75cm	6,9	
52110	h150x100cm	7,2	
52111	h150x105cm	7,4	
52112	h150x113cm	7,5	
52113	h150x150cm	8,3	
52114	h150x180cm	9,1	
52115	h150x200cm	9,6	
52116	h150x250cm	11,1	
52117	h150x300cm	12,6	
52118	h100x75cm	5,3	
52119	h100x100cm	5,8	
52120	h100x105cm	5,9	
52121	h100x113cm	6,1	
52122	h100x150cm	7,1	
52123	h100x180cm	8	
52124	h100x200cm	8,6	
52125	h100x250cm	10,2	
52126	h100x300cm	11,9	
52127	h50x75cm	3,9	
52128	h50x100cm	4,6	
52129	h50x105cm	4,8	
52130	h50x113cm	5,1	
52131	h50x150cm	6,3	
52132	h50x180cm	7,3	
52133	h50x200cm	8	
52134	h50x250cm	9,7	
52135	h50x300cm	11,4	
LEDGER			
52060	41,3cm	1,9	
52061	75cm	3,2	
52062	100cm	4,3	
52063	105cm	4,4	
52064	113cm	4,6	
52065	150cm	6	
52066	180cm	7,1	
52067	200cm	7,8	
52068	250cm	9,6	
52069	300cm	11,4	





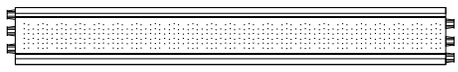


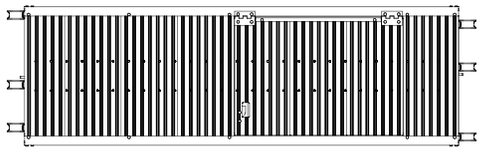
Components

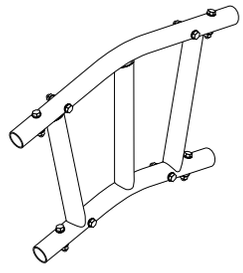
ART.	DIM(cm)	WEIGHT(Kg)	
FLOOR DIAGONAL BRACE			
52136	100x100cm	5,5	
52137	100x200cm	8,3	
52144	150x150cm	8,4	
52138	150x250cm	10,9	
52143	180x180cm	9,8	
52139	200x200cm	11,5	
52140	200x250cm	13,2	
52141	250x250cm	14,6	
52142	250x300cm	15	
REINFORCED CROSS LEDGER			
52200	150cm	9,5	
52201	180cm	12,4	
52202	200cm	13,7	
52203	250cm	16,8	
52204	300cm	19,7	
GIRDER			
52214	h160x200cm	32	
52215	h160x250cm	40,1	
52216	h160x300cm	48,2	
RETICULAR NET/BEAM			
52205	h40x250cm	36,5	
52206	h40x310cm	38,6	
52207	h40x370cm	44,3	
52208	h40x410cm	47,9	
52209	h40x510cm	57,4	
52210	h40x610cm	66,7	
HOOK NET BEAM			
52211	h50x200cm	36	
52212	h50x250cm	39	
52213	h50x300cm	46	
52315	h50x400cm	51,9	
52316	h50x500cm	63,1	
52317	h50x600cm	71,8	
MOVABLE HINGE ROSETTE			
52218		1	
MOBILE WRIST PIN WITH 2 SCREWS			
52219		1	

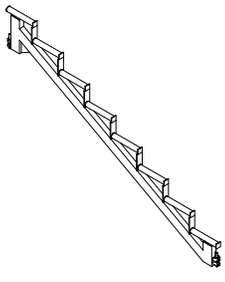
Components

ART.	DIM(cm)	WEIGHT(Kg)	
SIRIO STEEL DECK			
70046	30x150cm	8	
70030	30x180cm	9,9	
70031	30x200cm	10,9	
70032	30x250cm	15,4	
70033	30x300cm	18,4	
Package with metal strap: 80pz.			
ALUMINIUM TRAP-DOOR			
72017	61,2x150cm	23	
72015	61,2x180cm	24	
72018	61,2x200cm	25	
72019	61,2x250cm	27	
72020	61,2x300cm	29	
STAGE ALUMINIUM DECK			
72029	50x200cm	20,5	
ADJUSTABLE ANGLESTAGE ALU DECK			
72030	50x200cm	20,5	
RETICULAR BEAM COVER 12° H 40			
52240		1	
SIDE OF RAMP/STAIRS			
52415	h150x200cm	34,5	
52416	h100x160cm	21,5	
52417	h50x100cm	11,5	

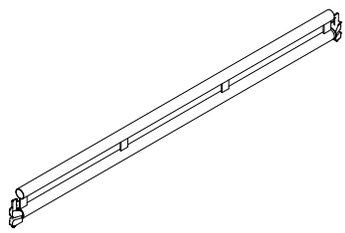
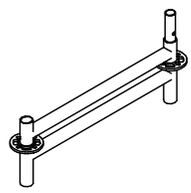
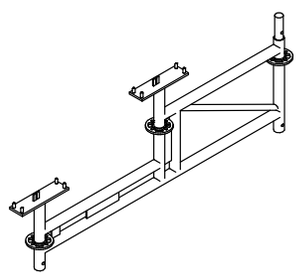
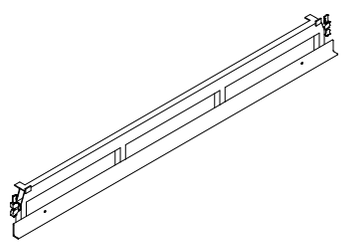
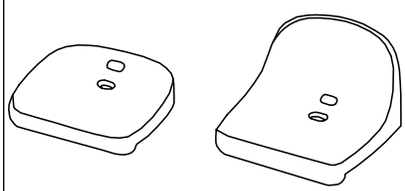
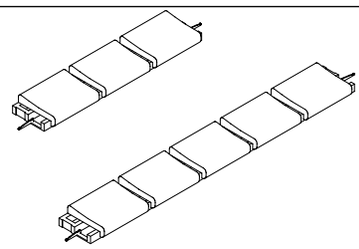




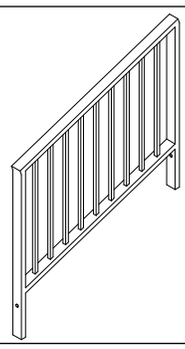
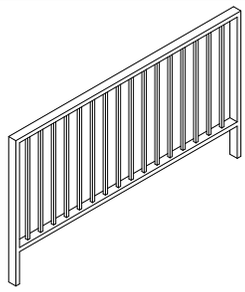




Components

ART.	DIM(cm)	WEIGHT(Kg)	
REINFORCED CROSS LEDGER / STAGE PLANK			
52322	L=100cm	9	
52217	L=200cm	16,5	
STARTING HALF BACK SUPPORT			
52504	750x250cm	8,1	
STANDARD BACK SUPPORT			
52523	150x50cm	23	
GANTRY CROSS LEDGER			
52536	L=150cm	18,4	
52537	L=250cm	30	
SEAT			
52519		1	
SEAT WITH CHAIR BACK			
52520		1,6	
SEATS FRAME			
52532	3 SEATS	14	
52533	5 SEATS	26	

Components

ART.	DIM(cm)	WEIGHT(Kg)	
LATERAL HANDRAIL			
52512	150cm	28	
REAR/FRONT HANDRAIL			
52514	L=150cm	28	
52515	L=250cm	31,5	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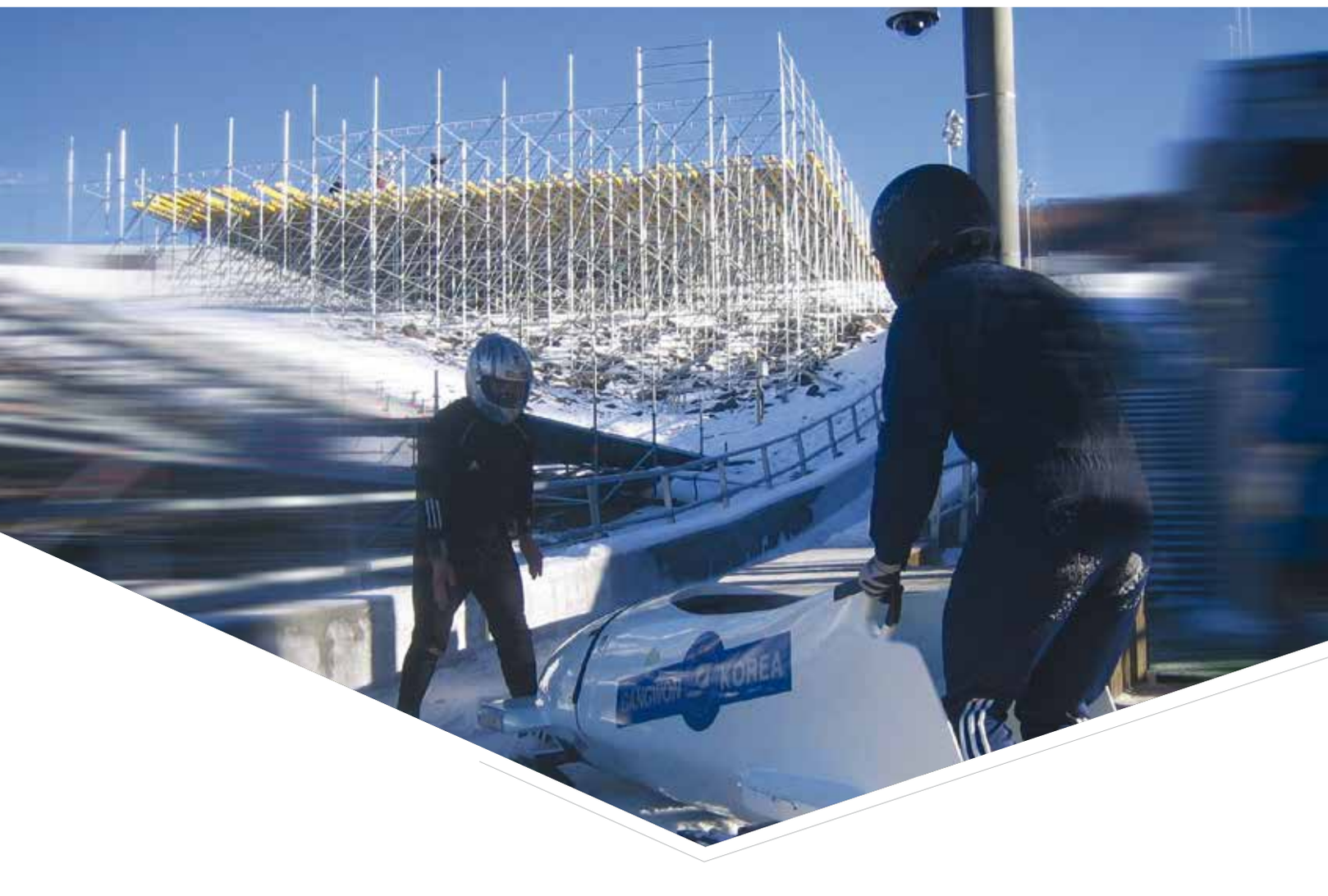
RAVELLOFESTIVAL


KOREA


CONDOR

Trench Shoring

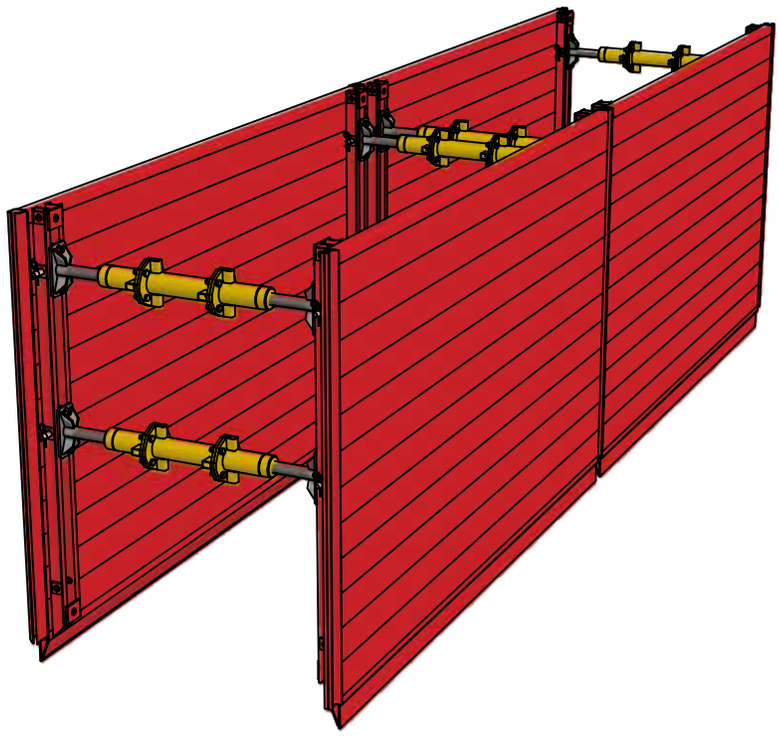
Trench shoring is a provisional system aiming at supporting excavation walls inside which works are performed relating to sewage and pipeline of several types.

The European standard EN 13331-1/2 (and the italian D.lgs 81/2008) requires that, for excavations deeper than 1.50 m, reinforcements must be applied in order to prevent excavation walls from collapsing and avoid any danger for the operators.

CONDOR trench shoring systems are designed to meet high safety standards during excavations, thus saving time and money.

CONDOR offers two types of trench shoring, depending on the characteristics of the excavation and the soil:

- MA System
- GD600 System



MA System

CONDOR developed the MA trench shoring system, in order to guarantee maximum safety in trenching works up to maximum 4.40 m depth with soil of good consistency.

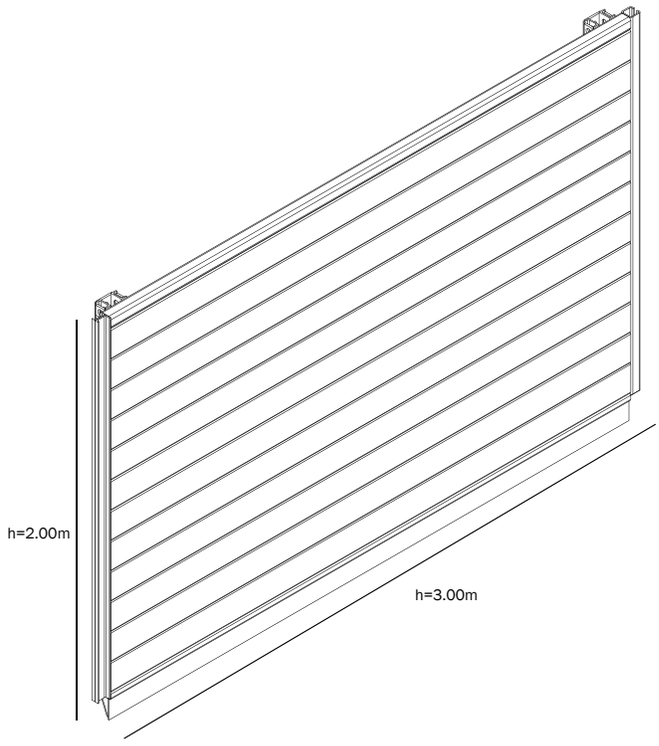
The system is used already assembled in the job site.

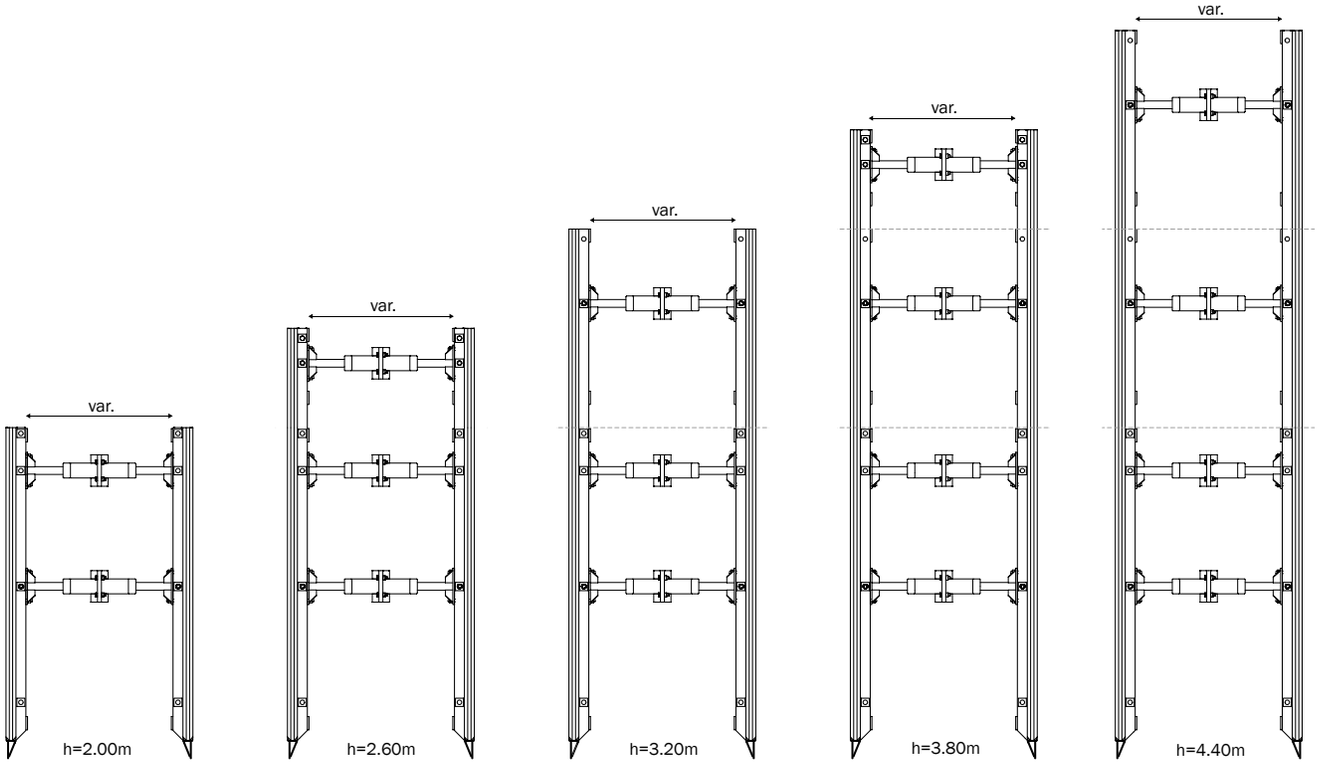
The MA trench shoring is made up of a standard 3.00m x H=2.00m panels, connected with adjustable spacers.

If excavation is deeper, it's possible to install elevation elements.

By combining elevation panels to the standard ones the maximum depth reachable is 4,40m in absolute safety.

The system is designed to withstand a pressure up to 45 kN/sqm.





GD600 System

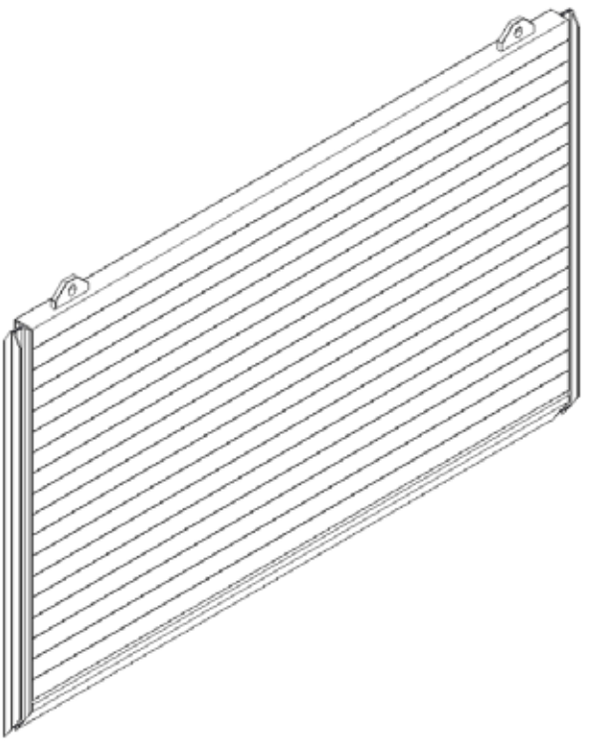
GD600 is a trench shoring system to protect excavation and canalization works up to 6,00m depth and 5,00m width.

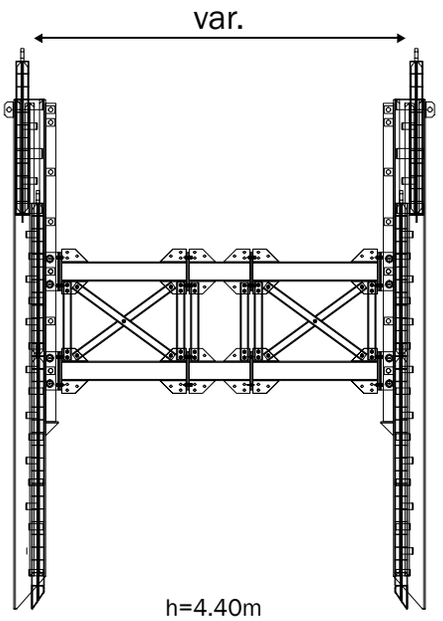
The system is made up of standard 3.00m x H=2.00m panels which pass along a double guide. The connection system is made up of spacers including sideshift elements.

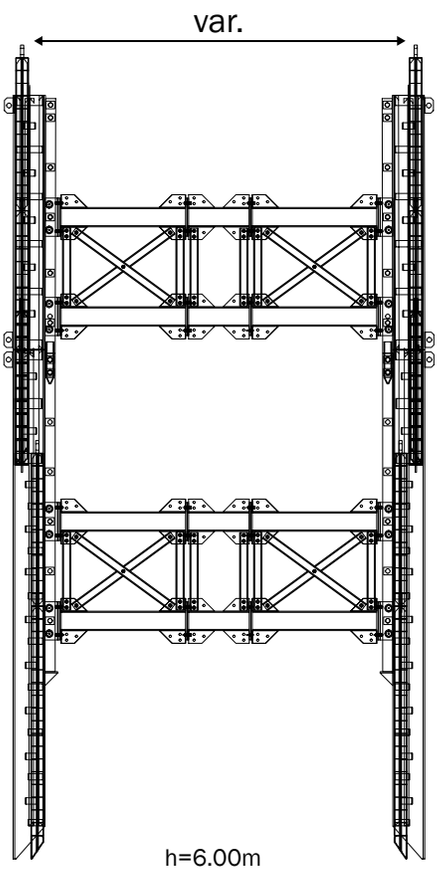
The double guide allows the positioning of connecting spacers at a specific height, thus facilitating excavation and pipe+ installation operations.

The system was designed for intallation of large size elements, ensuring safety, productivity and flexibility.

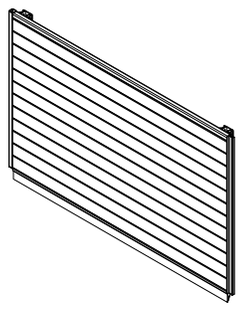
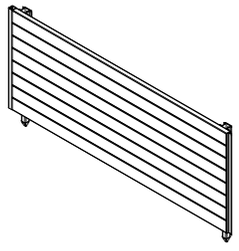
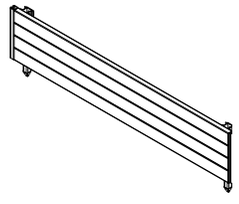
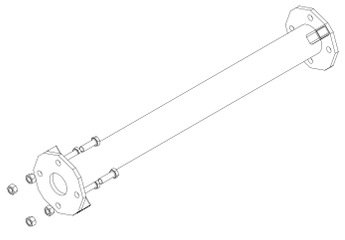
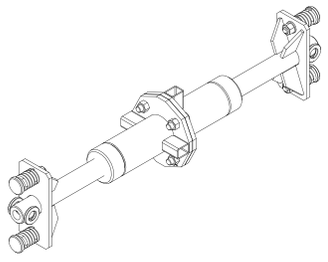
The system is designed to withstand a pressure up to 45 kN/sqm.



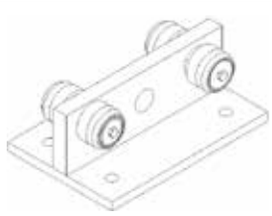
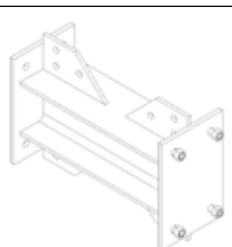




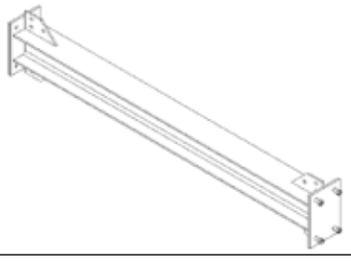
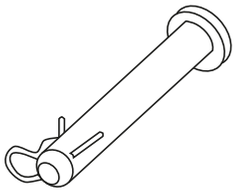
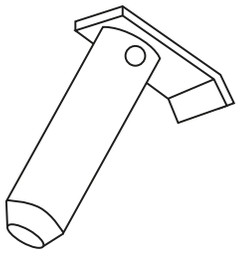
Components

ART.	DIM(cm)	WEIGHT(Kg)	
MA PANEL H=200cm 14500		484	
MA ELEVATION PANEL H=120cm 14501		313	
MA ELEVATION PANEL H=60cm 14502		176	
EXTENSION SYSTEM			
14510	20-20cm	7	
14511	33-33cm	8,8	
14512	50-50cm	10,2	
14513	100-100cm	15,4	
MA DOUBLE EFFECT TITLING SCREW. COMPL. 14520		22,8	

Components

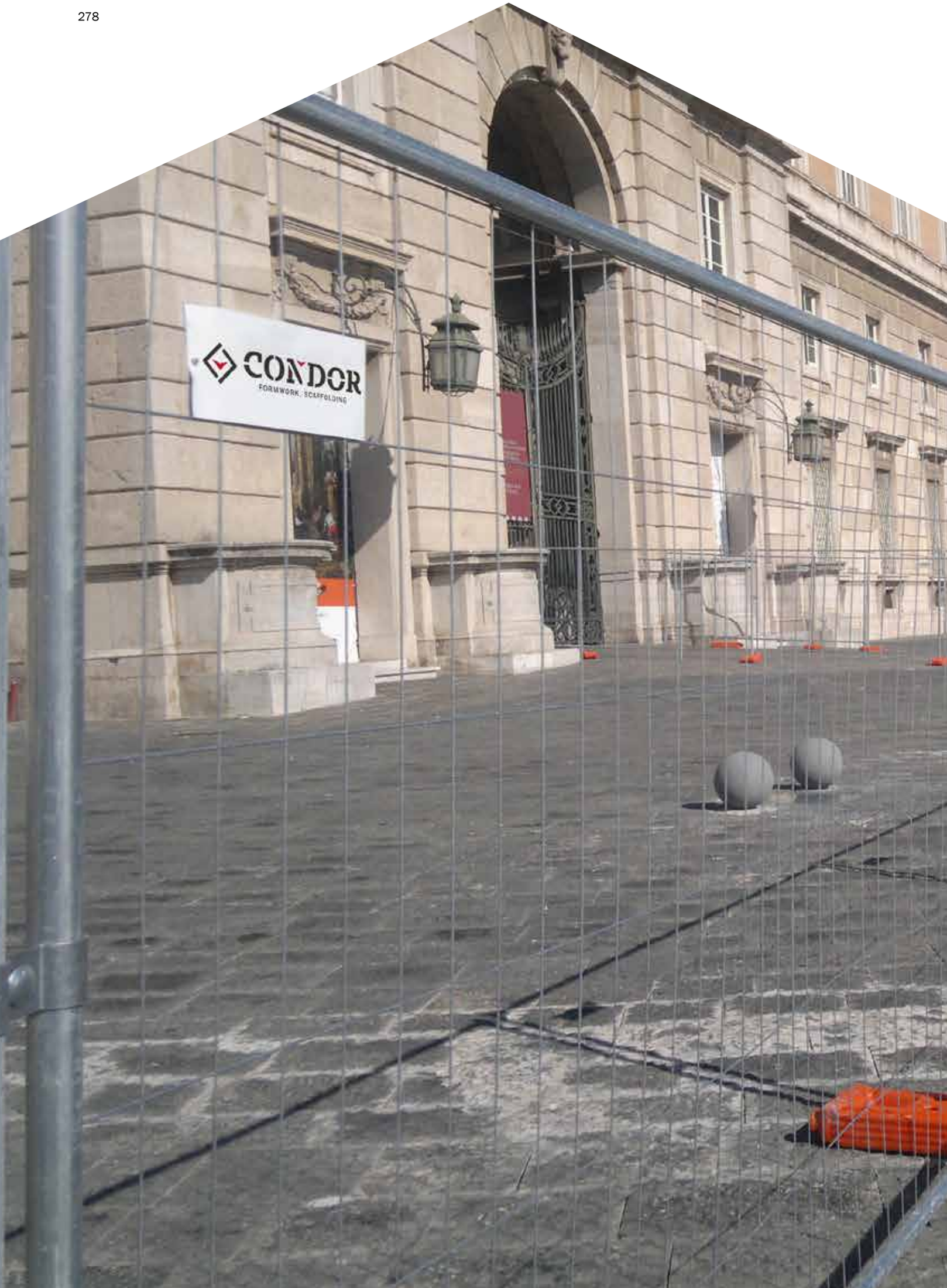
ART.	DIM(cm)	WEIGHT (Kg)	
GD600 DOUBLE GUIDE PANEL H=300x200cm 14600		634	
GD600 ELEVATION PANEL H=300x120cm 14601		410	
GD600 DOUBLE GUIDEH=400cm 14610		418	
GD600 DOUBLE GUIDE ELEVATION H=200cm 14612		273	
GD600 SIDESHIFT CART 14613		17,5	
GD600 EXTENSION L=50cm 14615		31	

Components

ART.	DIM(cm)	WEIGHT(Kg)	
GD600 EXTENSION L=100cm 14616		45	
GD600 EXTENSION L=200cm 14617		76	
PIN ø 30mm L=20cm COM. COTTER PIN 14620		1,2	
PIN ø 30mm CONN. RISER PANELS GD600 14621		0,8	
TROLLEY VERTICAL BAR GD600 L=61cm 14625		4,2	
DIAGONAL BAR GD600 L=96cm 14626		6,6	


CONDOR


CONDOR


CONDOR
FORMWORK . SCAFFOLDING

Equipment for the construction site


CONDOR
FORMWORK, SCAFFOLDING

Spider

Perfect for quickly delimit areas intended for construction sites or temporarily closed to the public.

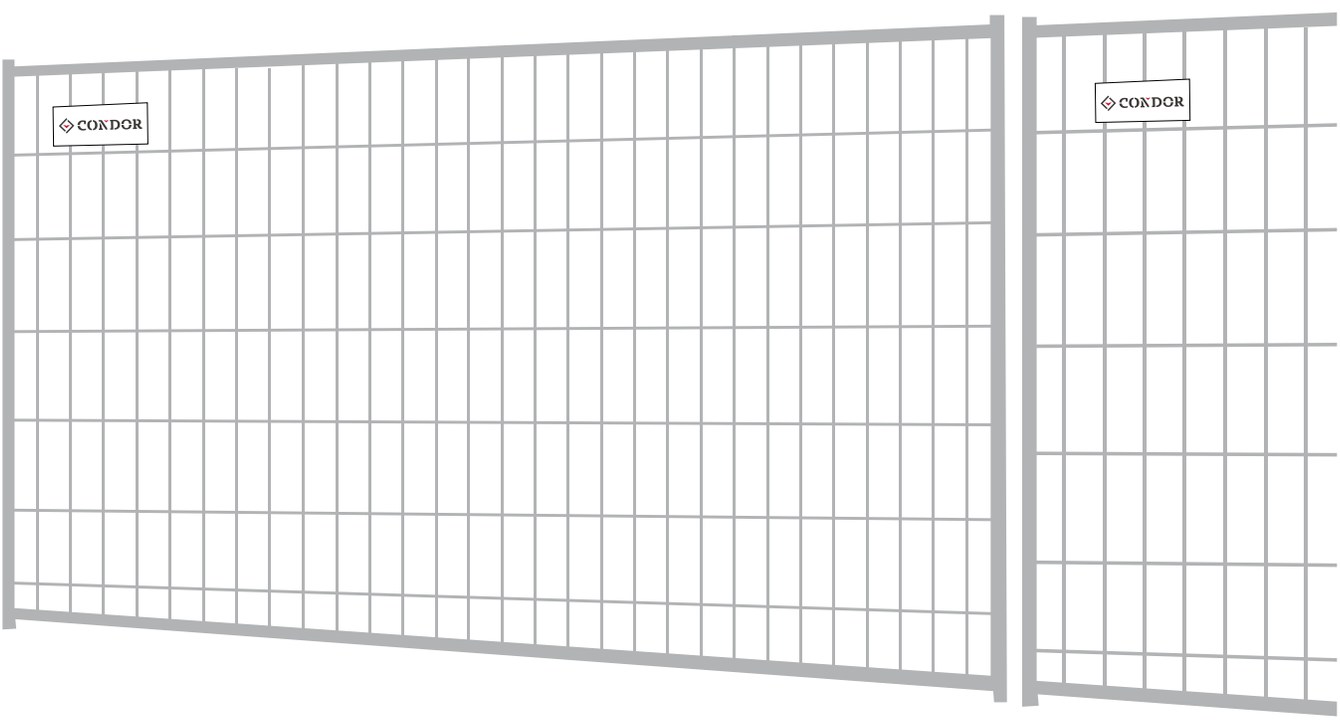
The SPIDER panel, sizing 350x200cm, completely galvanized, is made with uprights in tube ø 40cm and beams ø 33 cm inserted in the drilled upright.

The electro-welded fence with a 90x250mm, twine ø4cm rectangular mesh is welded at the center of the frame.

The joint hook made with a ø8cm tube is welded on an upper side.

The concrete base is covered in refractive PVC. The connection coupler in galvanized steel and the hinge to make a gate complete the system.

Package: 35pcs




CONDOR

Mobile scaffold FN

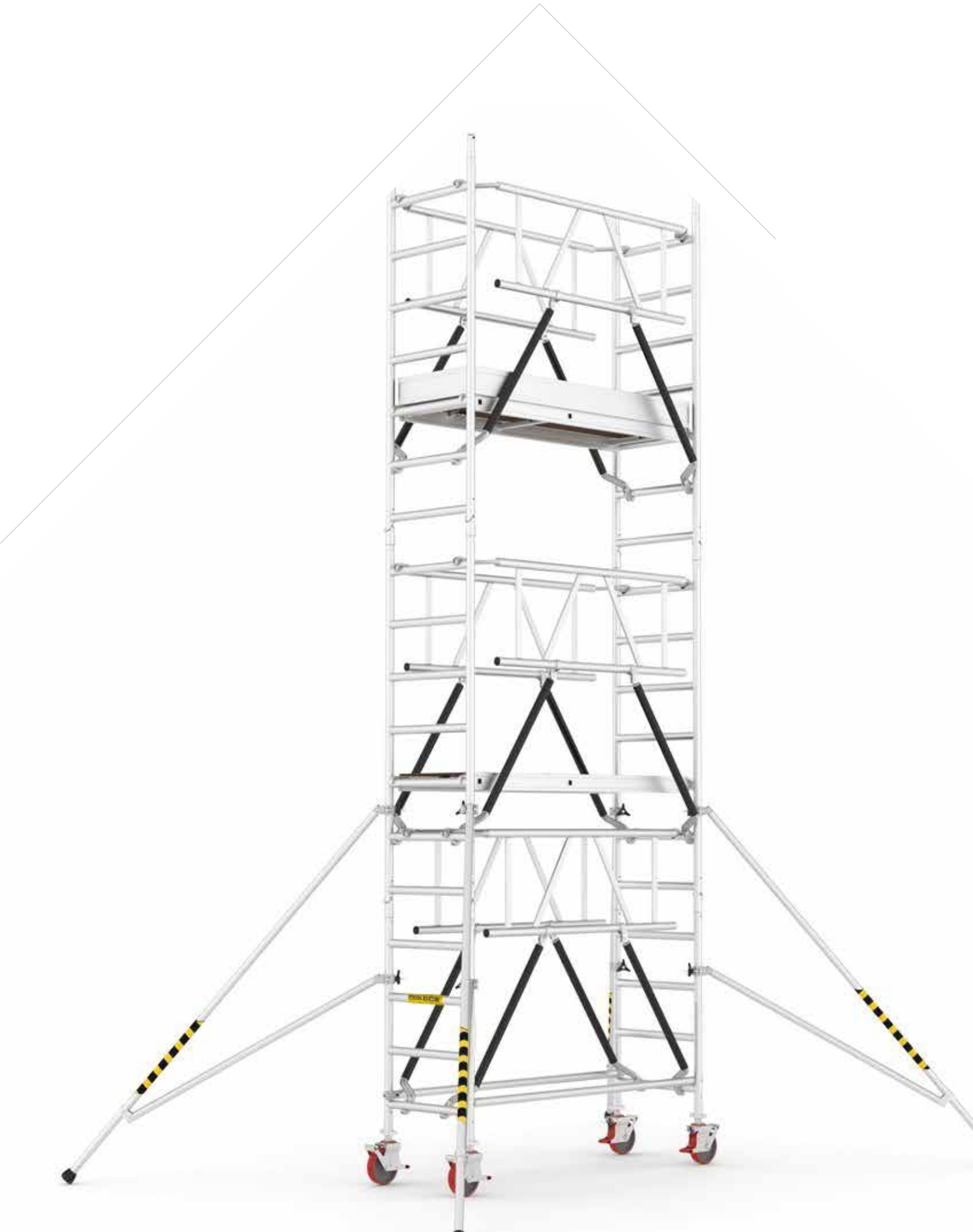
Used for external works, the mobile scaffold is used for repair and maintenance of facades and wherever works on height are needed.

Steady and strong, FN model has a shoring structure made of aluminium tubes of 50 mm diameter.

Each span is 180x60 cm and combinable heights vary from 195 to 496 cm.
The mobile scaffold lays on four swivel wheels of 125 mm diameter with brake and it has a capacity load of 200 Kg.

The distance between steps is 30cm and it is equipped with a comfortable «automatic» folding base.

FN mobile scaffold complies with the most stringent UNI EN 1004 regulations and with Italian D. Lgs.81/08.



Mobile scaffold SN

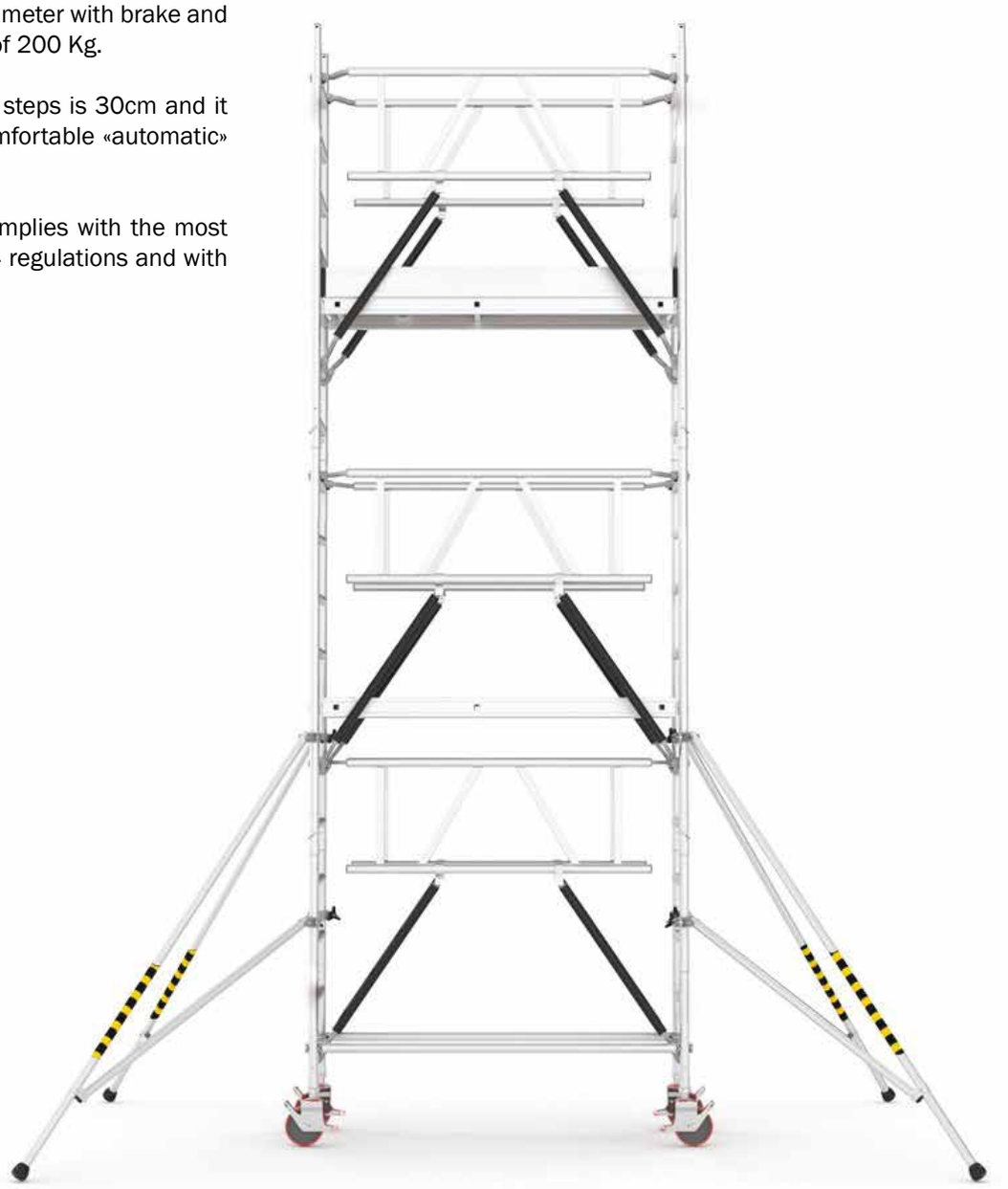
Used for external works, the mobile scaffold is used for repair and maintenance of facades and wherever works on height are needed.

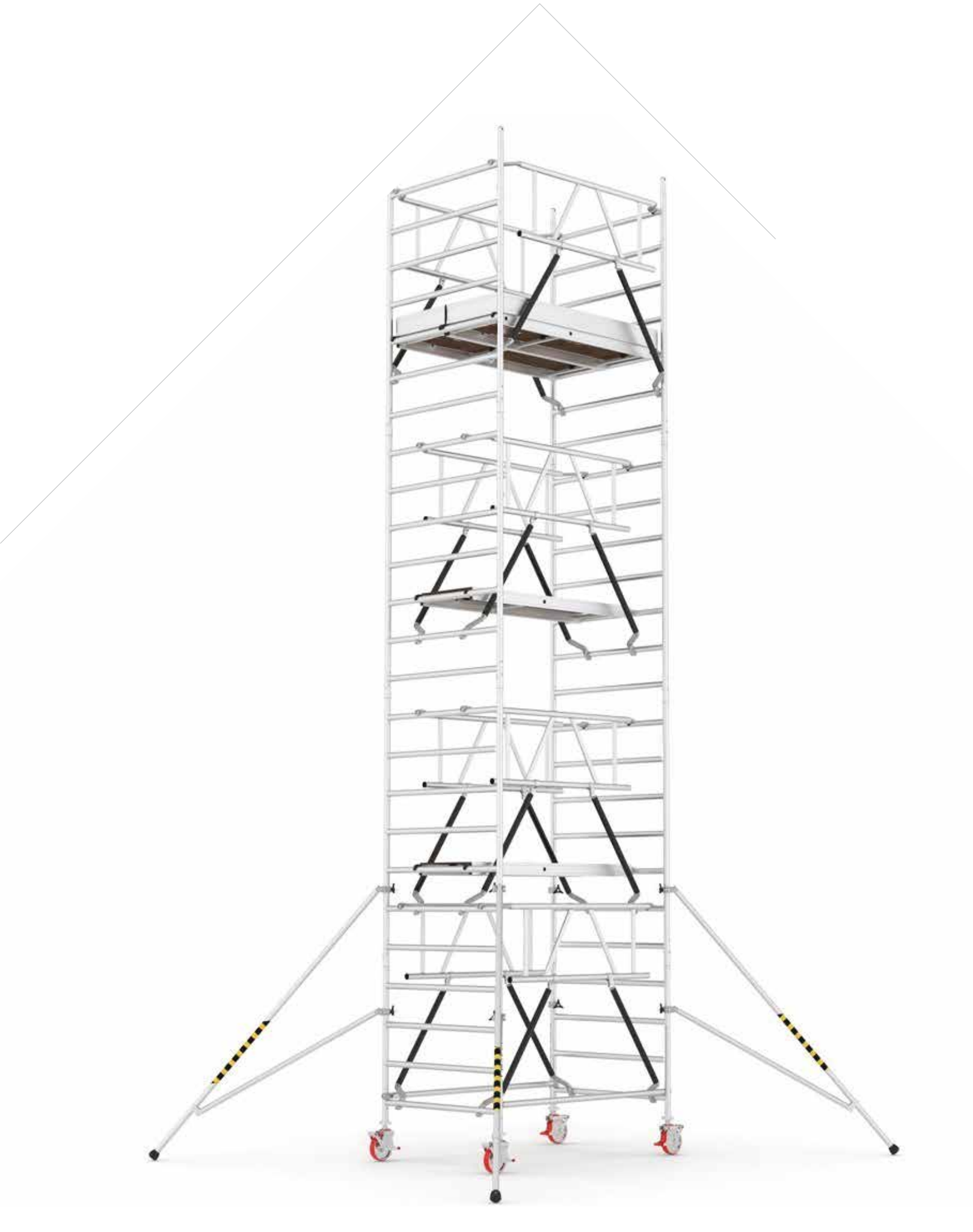
Steady and strong, SN model has a shoring structure made of aluminium tubes of 50 mm diameter.

Each span is 180x60 cm and combinable heights vary from 373 to 1036cm.
The mobile scaffold lays on four swivel wheels of 200 mm diameter with brake and it has a capacity load of 200 Kg.

The distance between steps is 30cm and it is equipped with a comfortable «automatic» folding base.

SN mobile scaffold complies with the most stringent UNI EN 1004 regulations and with Italian D. Lgs.81/08.





Mobile scaffold LN

Used for external works, the mobile scaffold is used for repair and maintenance of facades and wherever works on height are needed.

Steady and strong, LN model has a shoring structure made of aluminium tubes of 50 mm diameter.

Each span is 180x1200 cm and combinable heights vary from 373 to 1036cm.
The mobile scaffold lays on four swivel wheels of 200 mm diameter with brake and it has a capacity load of 200 Kg.

The distance between steps is 30cm and it is equipped with a comfortable «automatic» folding base.

LN mobile scaffold complies with the most stringent UNI EN 1004 regulations and with Italian D. Lgs.81/08.

CONDOR

WELCOME THE CHALLENGES

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