



Catalogue & Parts list

Multidirectional ringlock scaffold





solutions holding **your ideas.**

CONTENT

Catari Universal System[®] (US[®]) is a modular system consisting, in terms of structure, of vertical and hprizontal elements and diagonal braces, combined to form a tubular steel truss.

HIGH PERFORMANCE SCAFFOLD

Catari US[®] is manufactured using high-strength steel, with an automated welding and coated with a hot dip galvanization, which offers to the user the highest product quality and durability with the least possible maintenance.

Its design is based on the *ringlock* fitting - *rosette* - and it is meant for the most complex and demanding scaffold constructions.

The *rosette* is an eight holes disk welded to the standards every fifty centimeters, that can accommodate up to eight connections of combined ledgers or diagonal braces through a wedge locking mechanism.

SAFETY

With a simple hammer blow, unblocked connections are transformed into blocked ones (wedge locking mechanism).

Moreover, once the end of the wedge head matches the radius of the standard, forces are transmitted centrally onto the standard over a wide area, assuring solid and high load-bearing capacity joints.

VERSATILITY

The geometry of the *rosette*, with two sizes of holes, allows a wide-ranging combination of angles between ledgers.

This, along with the range of accessories available and the high load-bearing capacity of joints, grants a wide array of layouts and an unmatched range of uses: simple façades, complex industrial structures, sophisticated supporting structures, access or working towers.

Variable spacing for the standards and ledgers ensure that the design of the scaffold comply optimally with on-site conditions.

SPEED AND EASE OF ASSEMBLY

The rigid fitting and the wedge blocking mechanism, fast and non-bolted, ensure automatically right-angled connections, linear or angled, and waiver special assembly tools.

The assembly of the system is self-explanatory and can be complied in safety by regular scaffold crews.

COST-EFFECTIVENESS

Once the *ringlock* fitting uses a blocking wedge, in replace of the time consuming screwed connections of conventional scaffold, the assembly process is simple and reduces, thereby, the manpower needs.

In addition, as with the same components numerous applications are possible, on-site material requirements are automatically reduced and utilization rates are increased.



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16 PARTS LIST

Base jacks, collars and castors Standards Ledgers Bridging ledgers Diagonal braces Steel decks and access decks Toe boards Staircases Guardrails Shoring heads Couplers and accessories



HOW DOES IT WORK?

Catari US[®] is a modular system designed to be intuitive and fast to assemble. It consists of vertical, horizontal and diagonal steel parts, that when combined form a strong and robust scaffold.

Its main feature is the *ringlock* fitting, that transforms its assembly into an easy and simple task.

At this moment you are **8 steps** away to discover how it can be simple:



Project the structure You can contact Catari to request a 3D project.



Choose the components

Or ask for our opinion and guidance to obtain the best price and solution.



Place the bases & collars

And connect them with ledgers using the ring- lock fitting. Level all the structure.



Place the standards Onto the collars.



You have 8 connection possibilities

With the help of a regular hammer simply connect (longitudinally and horizontally) every standard to the other using ledgers and diagonals.



Place the platforms & stairs If or when needed.

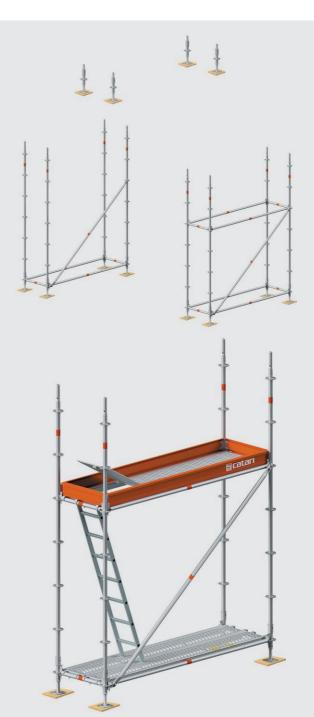


Anchor the structure As stated in your project.



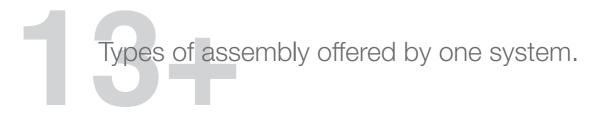
Simply repeat steps 4, 5, 6 & 7

Until you finish the structure and don't forget to use the pigtails or screws to lock every level.



WHAT IS YOUR BENEFIT?

Catari US® numbers and facts.



Is the number of couplers spared with only one standard.

B Working load per standard.

Guaranteed time saving.

24 to 48 months payback in rental business. Considerable years of lifetime durability.

WHAT CAN YOU DO?

Catari US[®] allows you to assemble different types of structures with the same basic components. The following are assembly examples for the most demanded range of uses.

FAÇADE Bricklaying, plastering, coating

Comprehensive range of assembly options is provided for optimum adaptation to irregular façades, such as cornices, cantilevers and niches.

Advantages:

0 nails required to assemble an entire façade.

 2000 m^2 of façade scaffold can be transported in one truck.

8h is the average time for 3 workers to assemble 300 m².



INDUSTRIAL Complex and demanding structures

The range of accessories grant high levels of safety and flexibility which are mandatory for all kind of industries.

Advantages: MULTIPLE ANGLES you can achieve, adapting to circular or irregular surfaces you will be working on.

 ${f 3}$ types of access you can use: access decks, staircases or simple ladder.

/ horizontal standard sizes plus custom made parts to fit your every need.





SUSPENDED SCAFFOLD Reach voids, hollows and wells

Ensure on-site safety within workplaces reachable only from overhead or lateral structures.

Advantages:

8 m of span you can go up to.

2,44 kN/m² you can go up to.



SHORING Falsework and propping

Ensure temporary support for spanning or arched structures in order to hold the components in place until they can support themselves.

Advantages:

35 kN working load per crosshead jack.
3000 m³ of shoring scaffold can be transported in one truck.
3000 kg you can achieve per m².

WORKING TOWERS

Façade or ceiling works, within tight contexts

Lightweight aluminium decks, with trap mechanism and integrated ladders, grant quick assembling and ease of movement between levels.

Advantages: ALL LEVELS can endure workers simultaneously.

2 workers can work per each m².

750 kg per castor you can move on a mobile working tower.



REBAR Anchorless access to walls

Stability is achieved through simple support and, if required, by widening the base.

Advantages:

crane will enable fast displacement of the assembly.

12 m is the height you can achieve free-standing.





STAIRWAY TOWERS

Safe temporary access

Lightweight aluminium staircases allow for higher structures and quicker assembling, which can be performed either integrated into an existing scaffold or as free-standing access structures.

Advantages:

60 m you can access.

2 persons can use the staircase simultaneously.

SAVE TIME calculating your needs by storeys.

WORKING PLATFORMS

Support workers and materials on heights

Working platforms ensure safety so workers can have a sound working area and walkway above ground.

Advantages:

WIDE working surfaces above ground.

CUSTOM lenghts and widths according to your needs.

ADVERTISEMENT

Supporting structures

Re-create the classic outdoor through the US® versatility, allowing a multi-purpose ad solution and interaction with bystanders.

Advantages:

X*Y m don't be limited by usual outdoor sizes.

€ increase your façade's value.



EVENTS Cultural, artistic, sportive and music festivals

With the standard components it is possible to assemble structures or part of structures. Benches, stages or even screens are some of the most commonly assembled structures.

Advantages: PLAN a whole event with only one system. ORIGINAL stages adapted to demanding and complex contexts. 500.000 persons attended events in 2015 with US®.





STABILIZATION OF FAÇADES

Retaining walls for refurbishments

Ensure support for walls and façades while refurbishing works are in place.

Advantages:

2 required tools: hammer and wrench.

250 kgf of horizontal stress holded per m² you can go up to.



BIRDCAGE Work high ceilings and roofs from below

Ensure on-site safety and cost-effectiveness on special contexts such as bridges or high ceilings. Different bay lengths and castors will allow the overcoming of on-site obstacles.

Advantages:

50% of material you can save with the *birdcage* hollow shape.

180° you can reach working on a ceiling from below.

REDUCE the impact of the works on the ground floor.



FLYOVERS

Crossing over gaps

With standard parts and steel decks it is possible to easily assemble connections over excavations or rivers.

Advantages:

12 m span you can reach.
CLASS 6 certified Steel Decks up to 207 cm long.
OVERCOME spans even on high slopes.



OTHER APPLICATIONS

Unusual scaffold assemblies

Less frequently seen assemblies of scaffold can also be projected on demand.

Examples:

Slung scaffold. Pipe rack. Mobile scaffold. Custom engineering projects.

The assembled structures graphics displayed are for information only and may show the situation during scaffold assembly, therefore not always are complete from the safety point of view. The graphics give general overview and cannot cover all the possible applications. All dimension and weight related data is only approximate and appropriate static calculations and structure's project should be performed to prove the appropriate configuration of US[®] components for each assembly situation. When assembing and disassembling US[®] the contractor is entitled to decide in which way the safety and hazzard must be ensured in an adequate manner under the observance of the respective industrial safety regulations. Possible protective actions are technical measures, personal protective equipment (PPE), and special instructions. Please request Catari the specific instructions for assembly and use when ordering.

CERTIFICATION



CATARI ISO 9001:2008 WITH QUALITY CONTROL PROCESSES OF HIGH TECHNICAL STANDARDS.

Besides the processes and product certification, carried out by internationally recognized and respected institutions, Catari has internal procedures that reinforce quality control and non conformity prevention.

Continuous efforts across departments to improve products, services and procedures are our daily commitment.

US[®] EN-12810 MODULAR SCAFFOLD SYSTEM UNDER THE EUROPEAN STANDARDS.

The European Norm 12810-1 has been adopted by the European Committee for Normalization (CEN) on September 2003.

This document, which replaces the previous HD 1000 of 1998, in direct application to the signing states, specifies the performance and general requirements for structural design and evaluation of prefabricated scaffold systems.





BASE JACK

Ensures the correct transmission of loads to the ground. The spindle allows the correct height adjustment.

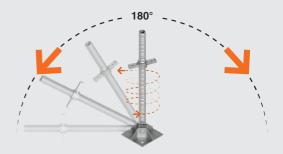




SWIVEL BASE JACK

Ensures the correct transmission of loads to the ground on surfaces with slope.

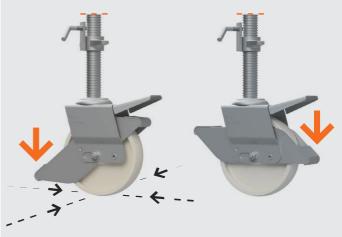




SCAFFOLD CASTOR

With twin break (simultaneous lock) and poly-amide wheel. Allows to displace the scaffold bidirectionally.





BASE COLLAR

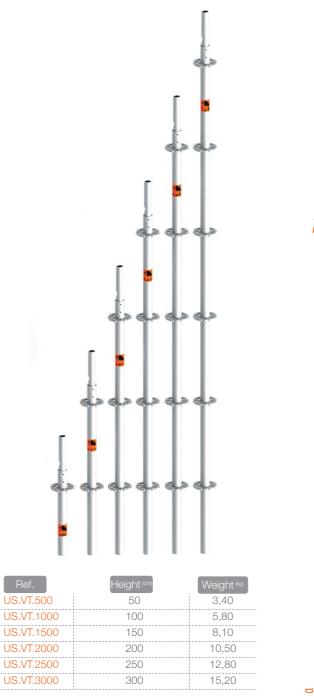


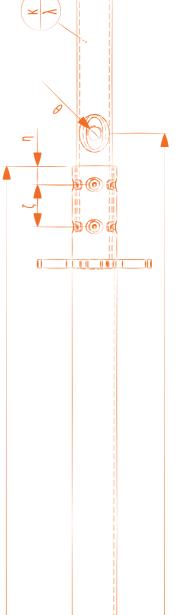
Ensures a right-angled connection between Standards and Ledgers, and the correct alignment at the initial stage. Long collars grant superior rigidity.



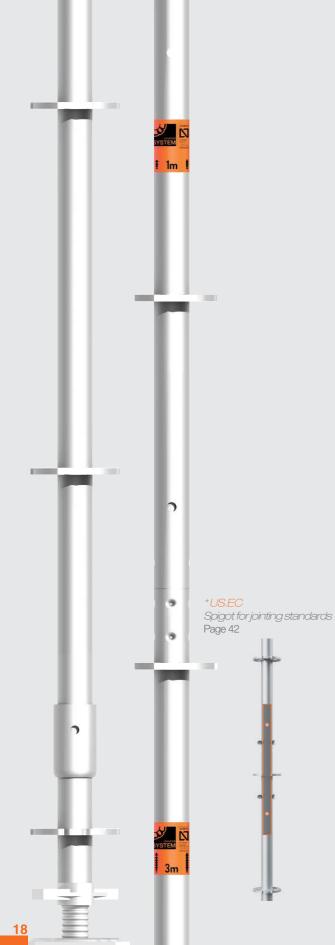
STANDARD

Ensures the transmission of vertical loads. Standards have rosettes welded each 50 cm where Ledgers and Diagonal braces can be fastened.



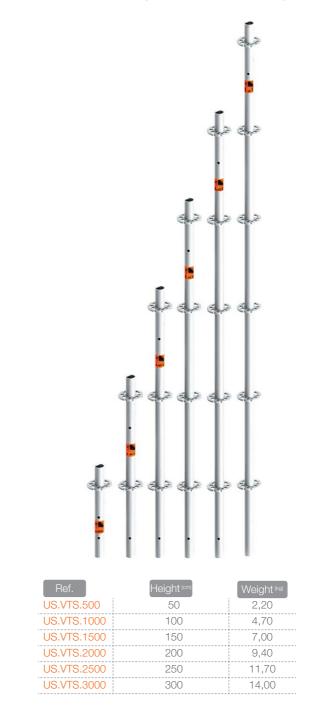


2



STANDARD WITHOUT SPIGOT

Mainly used in suspended structures, propping or situations where the spigot is an obstacle to the passage.



BASE JACK ATTACHMENT WITH COLLAR FOR LIFTING

Fastens the Base jack to the Collar while lifting with a crane.









BASE JACK ATTACHMENT WITH STANDARD FOR LIFTING

Fastens the Base jack to the Standard while lifting with a crane.





SUSPENDED SCAFFOLD CONNECTOR

Reinforces the connection of suspended Standards.





XXUSXXXX XX

CATARI



With two wedge heads to fit the rosettes, it is used as deck's bracket and/or guard-rail. It always serves as a structural element.

	108m S	
Ref.	Width (cm)	Weight ^(kg)
US.HZ.0420	42 🔾	1,80
US.HZ.0730	73 🔾	2,90
US.HZ.1090	109 오	4,10
US.HZ.1400	140 🔾	5,20
US.HZ.1570	157 오	5,70
US.HZ.2070	207 🖸	7,40
US.HZ.2570	257 🖸	9,10
US.HZ.3070	307 🖸	10,90

INTERMEDIATE LEDGER DECK TO DECK

It is used as a deck's bracket at the middle of a span.



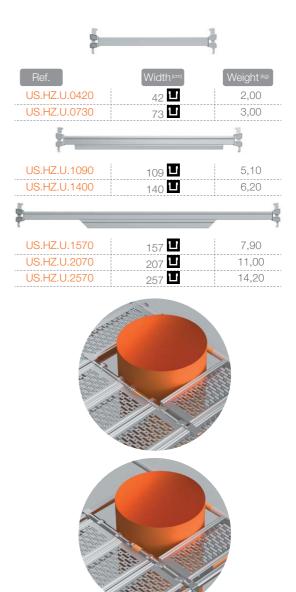
INTERMEDIATE LEDGER TUBE TO TUBE

It is used as a deck's bracket at the middle of a span.



LEDGER

U-type are used to assemble U-decks. The use of U-ledger and U-decks requires using US.FS.XXXX Deck Retainer on Page 29.

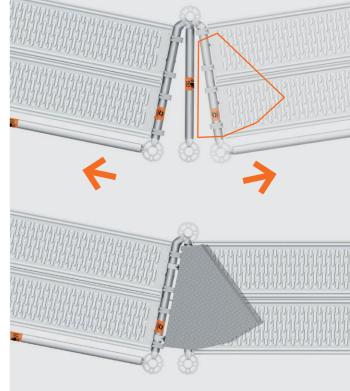


LEDGER 35° O

Overcomes the non-covered angle of Ledgers in circular scaffolds (0°-35°).



Ref.	Width (cm) & Direction	Weight ^(kg)
US.HZ.730.35.E	73 - Left Օ	3,00
US.HZ.730.35.D	73 - Right Օ	3,00
US.HZ.U.730.35.E	73 - Left 🎞	3,10
US.HZ.U.730.35.D	73 - Right 🎞	3,10



BRIDGING LEDGER O

For spans larger than 1,57 m, Ledgers are replaced by Bridging ledgers to bear higher loads.

The use of U-bridging ledger and U-decks requires using US.FS.XXXX Deck Retainer on Page 29.

		-
Ref.	Width (cm)	Weight ^(kg)
US.VP.1570 O	157	10,20
US.VP.2070 O	207	13,90
US.VP.2570 O	257	17,50
US.VP.3070 O	307	21,10
US.VP.U.1570 😐	157	10,10
US.VP.U.2070	207	13,60
US.VP.U.2570 🗳	257	17,10
US.VP.U.3070 🔟	307	20,60



LATTICE BEAM WITH 4 WEDGE HEADS 💽 🔳

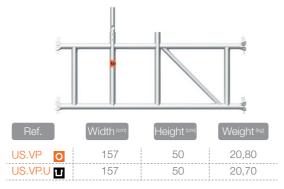
Used for increasing the load bearing capacity or to double the standard spans.



Ref.	Width (cm)	Height (cm)	Weight ^(kg)
US.VS.1090 O	109	50	13,50
US.VS.3070 O	370	50	29,90
US.VS.4140 O	414	50	45,30
US.VS.5140 O	514	50	55,20
US.VS.6140 O	614	50	65,00
US.VS.U.4140 🎞	414	50	43,00
US.VS.U.5140 🔳	514	50	52,30
US.VS.U.6140 🎞	614	50	61,50

WALKWAY BEAM O

Delimits 157 cm walkways and allows the upper assembly of a façade scaffold with 73 ou 109 cm width.



STEEL LATTICE BEAM

Used as bracket for decks on further scaffold assemblies such as suspended scaffolds, or as a reinforcement to bear heavy loads when the assembly is above ground.

Ref.	Width (cm)	Height (cm)	Weight ^(kg)
AA.VP.2000	200	40	20,60
AA.VP.3000	300	40	28,20
AA.VP.4000	400	40	39,90
AA.VP.5000	500	40	48,90
AA.VP.6000	600	40	59,20
AA.VP.5000.75	500	75	57,30
AA.VP.6000.75	600	75	69,80





***AA.VP.EC** Spigot for jointing lattice beam Page 42

DIAGONAL BRACE

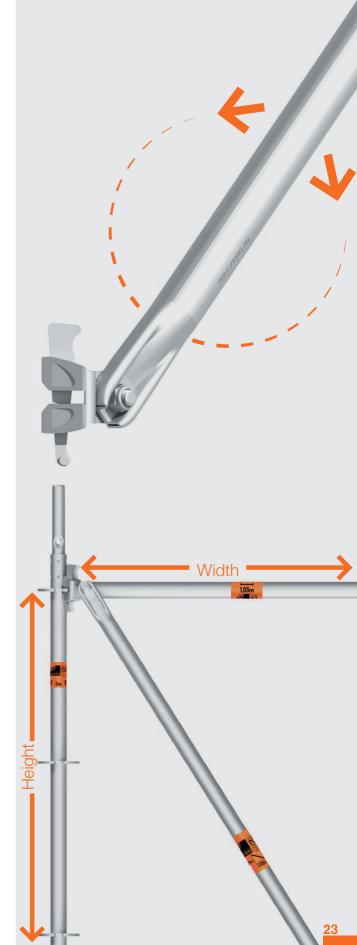
With articulated wedge heads at both edges, it ensures the rigidity of the scaffold assembly.

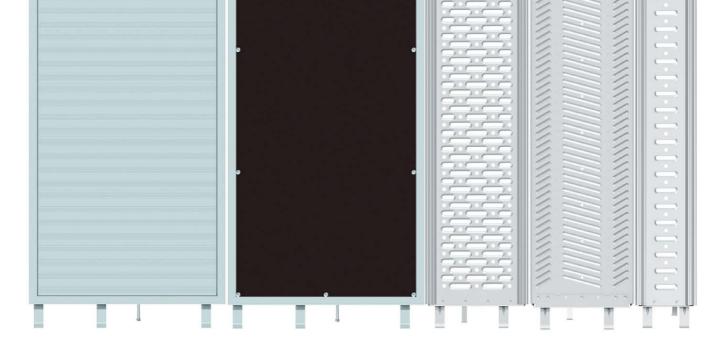


Height 200 (cm)	Width (cm)	Weight ^(kg)
US.DG.2000.730	73	7,60
US.DG.2000.1090	109	8,00
US.DG.2000.1400	140	8,40
US.DG.2000.1570	157	8,60
US.DG.2000.2070	207	9,50
US.DG.2000.2570	257	10,50
US.DG.2000.3070	307	11,60

Height 150 ^(cm)	Width (cm)	Weight ^(kg)
US.DG.1500.730	73	6,30
US.DG.1500.1090	109	6,80
US.DG.1500.1400	157	7,20
US.DG.1500.1570	157	7,60
US.DG.1500.2070	207	8,60
US.DG.1500.2570	257	9,70
US.DG.1500.3070	307	10,90

Height 100 (cm)	Width (cm)	Weight 🛯
US.DG.1000.730	73	5,10
US.DG.1000.1090	109	5,70
US.DG.1000.1400	140	6,20
US.DG.1000.1570	157	6,70
US.DG.1000.2070	207	7,90
US.DG.1000.2570	257	9,10
US.DG.1000.3070	307	10,40





STEEL DECK O

The most resistant and engineered steel deck by Catari. Designed for an intuitive and safe assembly, with anti-slip surface and lifting blocker. Sturdy and light.



Ref.	Width (cm)	Standard Length (cm)	Class	Weight 🛯
US.PL.0730 0		73	6	6,20
US.PL.1090 0		109	6	8,50
US.PL.1400 0	d 1 1 1	140	6	10,60
US.PL.1570 0		157	6	11,70
US.PL.2070 0	d 1 1 1	207	6	15,00
US.PL.2570 0		257	5	18,80
US.PL.3070 0		307	5	22,00
FA.PL.0730 🔟	32	73	6	5,80
FA.PL.1090 🔟		109	6	8,20
FA.PL.1400 🔟		140	6	10,30
FA.PL.1570 🔟	9 1 1 1	157	6	11,40
FA.PL2070		207	6	14,60
FA.PL.2570		257	5	18,40
FA.PL.3070 🔟		307	5	21,70



CLASS & LOADS

Class	Distributed load $(KN/m2)$
6	6,0
5	4,5
4	3,0
3	2,0



US.PL.320.0730 O		73	6	5,90
US.PL.320.1090 0		109	6	7,90
US.PL.320.1570 0		157	6	10,70
US.PL.320.2070 O	32	207	6	13,50
US.PL.320.2570 O		257	4	16,60
US.PL.320.3070 O		307	3	19,50
FA.PL.320.0730 🔟		73	6	5,60
FA.PL.320.1570		157	6	10,30
FA.PL.320.2070 🔟		207	6	13,20
FA.PL.320.2570 🔟		257	4	16,30
FA.PL.320.3070 🔟		307	3	19,20

SLIM STEEL DECK 💽 🔳



Ref.	Width (cm)	Length (cm)	Weight ^(kg)
US.PL.190.1090 O		109	6,90
US.PL.190.1570 O		157	9,60
US.PL.190.2070 O		207	12,40
US.PL.190.2570 O	19	257	15,30
US.PL.190.3070 O		307	18,10
FA.PL.190.1570		157	9,40
FA.PL.190.2070 🔳		207	12,20
FA.PL.190.2570 🔳		257	15,10
FA.PL.190.3070 🔳		307	17,90
		*	*



DOUBLE DECKS 💽 🔳

Replaces two conventional Steel decks, having the advantage of reducing the weight and making the assemblage and dis-assemblage faster. The frame is made of aluminium and the floor can be plywood antislip or aluminium.



PLYWOOD

Ref.	Width (cm)	Length (cm)	Class	Weight ^(kg)
US.PAM.1570 0		157	3	13,10
US.PAM.2070 O		207	3	16,80
US.PAM.2570 O	61	257	3	20,50
US.PAM.3070 O		307	3	25,70
FA.PAM.1570		157	3	12,70
FA.PAM.2070		207	3	16,40
FA.PAM.2570 🔟		257	3	20,10
FA.PAM.3070 🔟		307	3	25,30

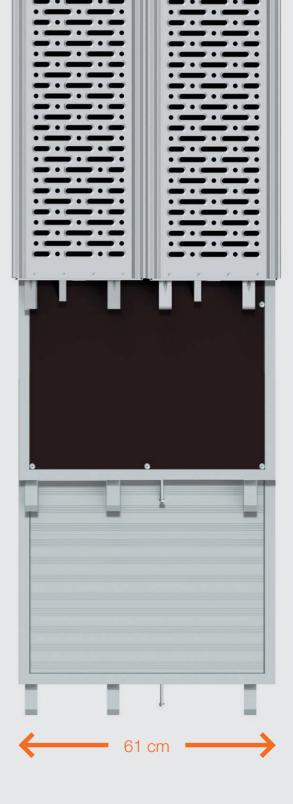
ALUMINIUM

Ref.	Width (cm)	Length (cm)	Class	Weight ^(kg)
US.PAA.1570 0		157	3	11,40
US.PAA.2070 O		207	3	14,70
US.PAA.2570 O	61	257	3	17,80
US.PAA.3070 O		307	3	22,40
FA.PAA.1570 🔳		157	3	11,00
FA.PAA.2070		207	3	14,30
FA.PAA.2570 🔟		257	3	17,40
FA.PAA.3070 🔳		307	3	22,00

ACCESS DECK 1,09 M O

Used for spans of 109 cm.





ACCESS DECKS O

With an aluminium ladder that allows a safe passage from one level to another. The aluminium frame with plywood antis-lip or aluminium floor, reduces the weight making it easier to assemble and disassemble. The access decks *2570* and *3070* have an integrated ladder.



PLYWOOD

Ref.	Width (cm)	Length (cm)	Class	Weight ^(kg)
US.PA.2070 O		207	3	17,40
US.PA.2570 0		257	3	24,10
US.PA.3070 0		307	3	29,30
FA.PA.2070 🔟	61	207	3	17,00
FA.PA.2570 🔟		257	3	23,70
FA.PA.3070 🔳		307	3	28,90
AA.EA Aluminium	ladder for US	PA 2070 and P	-A PA 2070	3,20

AA.EA Aluminium ladder for US.PA.2070 and FA.PA.2070 3,20

ALUMINIUM

Ref.	Width (cm)	Length (cm)	Class	Weight ^(kg)
US.PA.AL.2070 O		207	3	16,10
US.PA.AL.2570 O		257	3	22,30
US.PA.AL.3070 O		307	3	26,90
FA.PA.AL.2070 🔳	61	207	3	15,80
FA.PA.AL.2570 🔳		257	3	21,90
FA.PA.AL.3070 🔳		307	3	26,50
AA.EA Aluminium ladder for US.PA.AL.2070 and FA.PA.AL.2070			3,20	

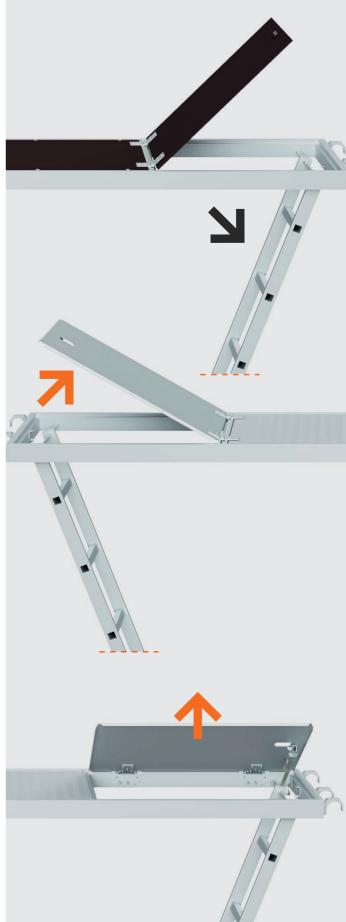
LATERAL ACCESS DECK 🖸 🔳

Access deck with lateral opening trap.





ALONINION				
Ref.	Width (cm)	Length (cm)	Class	Weight ^(kg)
US.PA.AL.LA.2070 0		207	3	14,80
US.PA.AL.LA.2570 0		257	3	23,00
US.PA.AL.LA.3070 👩	0.1	307	3	27,50
FA.PA.AL.LA.2070 🔟	61	207	3	14,40
FA.PA.AL.LA.2570 🔟		257	3	22,60
FA.PA.AL.LA.3070 🔟		307	3	27,10
AA.EA Aluminium ladder for US.PAALLA.2070 and FAPAALLA.2070		3,20		

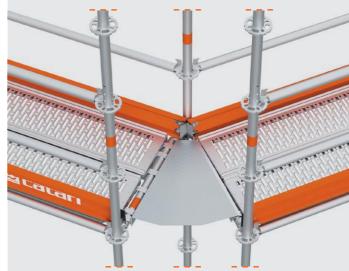


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ANGULAR DECK 0/45° 🖸 🔳

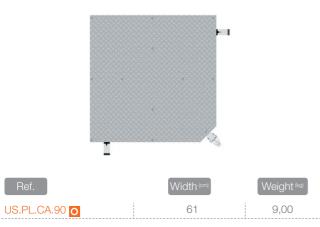
Covers gaps between decks placed with angles up to 45°.





CORNER DECK 90°

Covers interior corners of 90°.





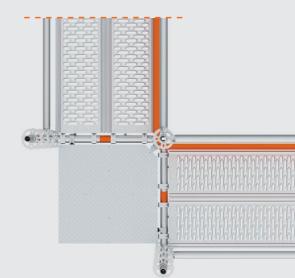
Covers gaps between scaffolds.

Width

61

9,60

9,70





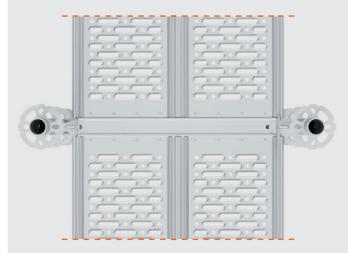
US.PL.LC O

FA.PL.LC 🔟

DECK RETAINER

Prevents decks of being lifted involuntarily and prevents the accumulation of dirt in U-type.

_		- 6 -
L	J	
Ref.	Width ^(cm)	Weight ^(kg)
US.FS.0420 1	42	0,66
US.FS.0730 🔳	73	1,30
US.FS.1090 🔟	109	1,90
US.FS.1400 🔳	140	2,50
US.FS.1570 🔳	157	2,80
US.FS.2070 🔳	207	4,50
US.FS.2570 🔳	257	5,80
US.FS.3070	307	7,10



METALLIC TOE BOARD

Prevents objects from falling. Made of steel with special edge head for a perfect fitting.

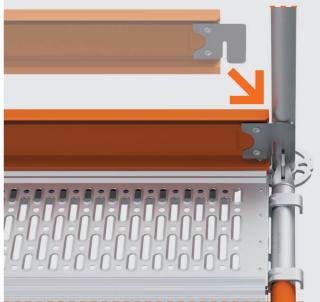
	S catari (
Ref.	Length (cm)	Weight ^(kg)	
US.RPM.0420	42	1,30	
US.RPM.0730	73	2,10	
US.RPM.1090	109	3,00	
US.RPM.1400	140	3,70	
US.RPM.1570	157	4,20	
US.RPM.2070	207	5,40	
US.RPM.2570	257	8,20	
US.RPM.3070	307	9,80	

WOOD TOE BOARD

Prevents objects from falling. Made of wood with special edge head for a perfect fitting.



Ref.	Length (cm)	Weight ^(kg)
US.RP.0420	42	1,50
US.RP.0730	73	2,50
US.RP.1090	109	3,60
US.RP.1400	140	4,60
US.RP.1570	157	5,10
US.RP.2070	207	6,60
US.RP.2570	257	8,20
US.RP.3070	307	9,70



STAIRCASES 💽 🔳

Lightweight aluminium staircase with an anti-slip surface, mainly used for assembling stair towers.



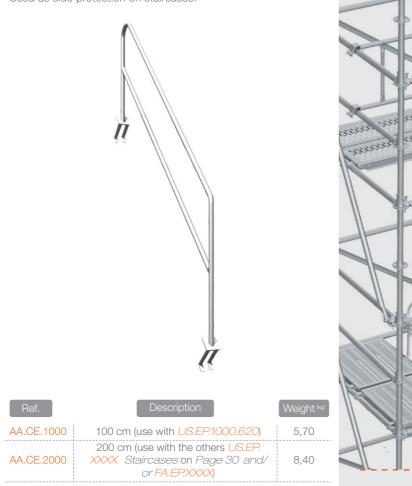
Ref.	Width (cm)	Length (cm)	Weight 🛯
US.EP.2570 O	257	62	26,00
US.EP.3070 O	307	62	30,80
US.EP.1000.620 O	When the flight is s (height), place it ov		14,60
US.EP.2000.960.2570 O	257	96	40,50
US.EP.2000.960.3070 O	307	96	48,20
US.EP.1000.960 O	When the flight is s (height), place it ov		23,20
FA.EP.2570 🔟	257	62	25,70
FA.EP.3070 🔳	307	62	30,50
	When the flight is s (height), place it ov		



30

HANDRAIL FOR STAIRCASE

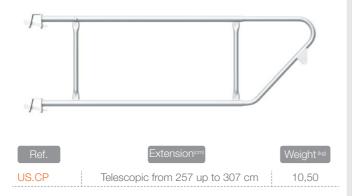
Used as side protection on staircases.

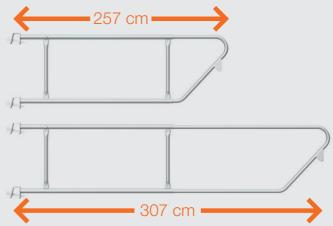




UPSTAIRS GUARDRAIL

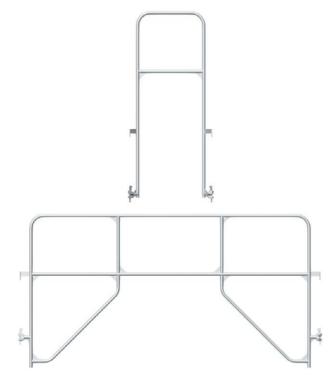
Used as side protection on the top landing of stair-towers.





DEFINITIVE ADVANCE GUARDRAIL

Used as advanced side protection against falls during the assembly of the upcoming scaffold level. It remains in place after the assembly is finished.



Ref.	Length (cm)	Weight ^(kg)
US.GCMD.730	73	5,90
US.GCMD.1090	109	6,70
US.GCMD.1570	157	9,10
US.GCMD.2070	207	11,20
US.GCMD.2570	257	12,90
US.GCMD.3070	307	14,00



ADVANCE GUARDRAIL POST (ALUMINIUM)

Used as temporary advanced side protection against falls during the assembly of the upcoming scaffold level. It is dismantled after the assembly is finished.



ADVANCE GUARDRAIL (ALUMINIUM)

Used as temporary advanced side protection against falls during the assembly of the upcoming scaffold level. It is dismantled after the assembly is finished.

Ref.	Extension	Weight ^(kg)
AA.TEGM.1570.2070	157 up to 207 (AL)	2,00
AA.TEGM.2570.3070	257 up to 307 (AL)	2,60



CONSOLE BRACKETS 💽 🔳

Expands the working surface by one, two or three supplementary Steel decks *US.PL.XXXX*. The use of U-console and U-decks requires using *US.FS.XXXX Deck Retainer* on *Page 29*.



BRACKET BRACE

Reinforces the Console bracket 730 when two or more levels are assembled above.





CROSS HEAD JACK FOR H20 BEAM

Supports the H20 beams in false-work, transferring the load to the Standards without spigot.



HEAD JACK

Supports steel beams, transferring the load to the Standards without spigot.



ADJUSTABLE SPINDLE & U HEAD

Used with US.CU U head as support to steel beams, transferring the load to the Standards without spigot.



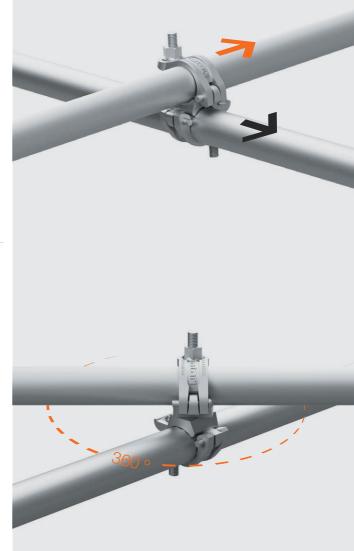


DOUBLE COUPLER

Connects two perpendicular tubes with 48,3 mm diameter each.



Ref.	Weight ^(kg)
AA.OT.48	1,30



SWIVEL COUPLER

Connects two tubes with 48,3 mm diameter each. Allows 360° rotation positions.



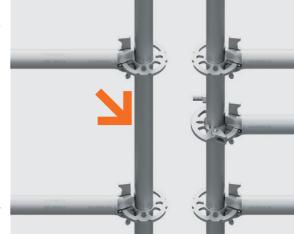
ROSETTE COUPLER

Connects Ledgers or Diagonal braces between the rosettes of a Standard, increasing the range of $U\!S^{\scriptscriptstyle (\!\!\!\!\!\!\!^o)}$ possibilities.

Weight ^(kg)

1,20





TWIN WEDGE COUPLER

Connects two Standards increasing the load bearing capacity.





LOCKING PIN (PIG TAIL)

Fastens two Standards.

US.TD







HINGED PIN

Spring locking pin to fasten two Standards.







CLAW COUPLER

Suspends scaffold tubes of diameter 48,3 mm on steel profiles. Used in pairs.



SWIVEL COUPLER FOR PROFILE WITH BOLT

Suspends scaffold tubes of diameter 48,3 mm on steel profiles. Allows rotating positions and screwing. Used in pairs.





PROFILE COUPLER WITH BOLT

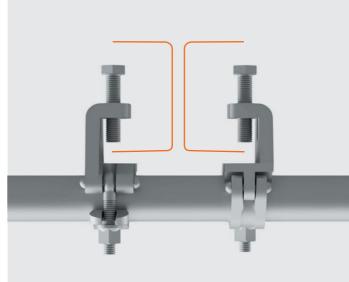
Suspends scaffold tubes of diameter 48,3 mm on steel profiles. Allows screwing. Used in pairs.



Weight 👳

1,90





WALL TIE

Transmits the lateral loads of the scaffold to an anchor ground.

5		
Ref.	Length ^(cm)	Weight ^(kg)
AA.GA.250	25	1,10
AA.GA.300	30	1,30
AA.GA.500	50	2,10
AA.GA.1000	100	3,90
AA.GA.1500	150	5,80
AA.GA.2000	200	7,60



RING SCREW

STOPPER

Attaches wall ties to an anchor ground.



Works together with the AA.OL.XXX Ring Screw. It is indicated to fasten in solid elements, such as cement, concrete, ceramic tiles, etc.



1.40

SPIGOT FOR JOINTING

Connects two tubes with diameter 48,3 mm in one axis. It must be used along with AAAD.48 Sleeve coupler.



SLEEVE COUPLER

AA.AD.48

Connects two tubes with diameter 48,3 mm in one axis. It must be used along with AA.EE Spigot for jointing .

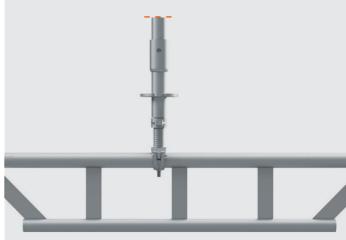


ENTAGANA DISPLANAN DISPLANAN DISPLANAN DISPLANAN DISPLANAN DISPLANAN

JACK WITH COUPLER

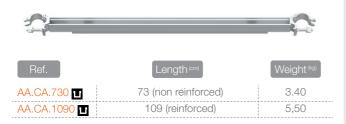
Used when an additional Standard is needed at the middle of a span, allowing a correct height adjustment.





U-LEDGER WITH COUPLERS

Assembled on Standard creating different levels of platforms.





COUPLER WITH SPIGOT 💽 🔳

Used when an additional Standard is needed at the middle of a span, increasing the number of ${\sf US}^{\otimes}$ possibilities.







CLAMP FOR RUBBISH RETAINING



CLAMP FOR ADVERTISING

Supports an advertising canvas. Used in pairs.



SPIGOT FOR JOINTING STANDARDS

Connects US.VTS.XXXX Standard without spigot on Page 18. It has four holes for fastening four AA.PP.12.65 Screw with nut.





SPIGOT FOR JOINTING LATTICE BEAM

Connects AA.VP.XXXX Steel lattice beam on Page 22. It has four holes for fastening four AA.PP.12.65 Screw with nut.



SCREW WITH NUT

M12*65.



L COUPLER

Doubles the bearing capacity of suspended scaffold. Used on tubes with 48,3 mm diameter.



FITTING COUPLER

Ref. Weight ⁽⁴⁾ 2,50

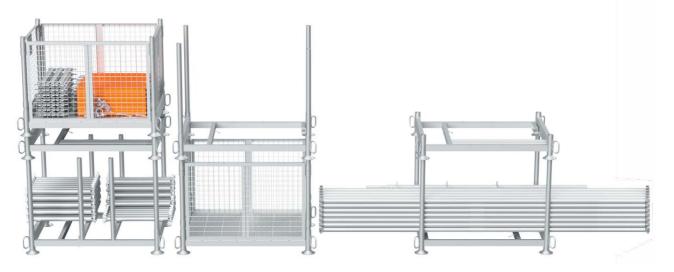
Supports steel beams on suspended scaffold. Used in paires.

COUPLER FOR STEPS

Creates the bracket for a supplementary step in staircases.







UNIVERSAL PALLET BASIC TYPE

To pack or transport Standards, Ledgers, Diagonal braces, Toe boards, etc.



UNIVERSAL PALLET WITH MESH CRATE

To pack or transport Standards, Ledgers or Toe boards with a maximum of 150 cm and all sort of small or unbundled items such as couplers and spigots.

They can be stacked and transported with crane or lift-truck; in the end they can be disassembled to save space.





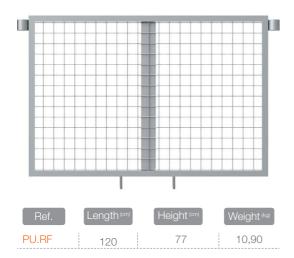
CENTRAL SUPPORT FOR UNIVERSAL PALLET

To pack or transport Ledgers or Toe boards with 73 cm or 109 cm.

The folded organisation assures an optimised space consumption and the maximum safety when 73 cm Ledgers or Toe board have to be displaced.



FRONT MESH CRATE PANEL



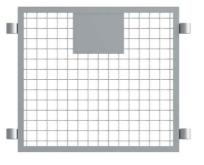
BOTTOM FOR UNIVERSAL PALLET



Ref.	Length®	n)	Width ^(cm)	Weight ^(kg)
PU.CF	 120		85	18,20



LATERAL MESH CRATE PANEL



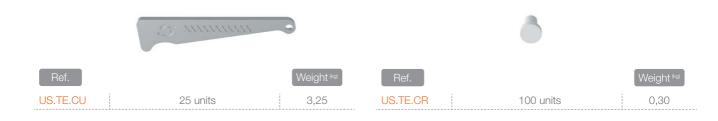


WEDGES

Spare wedges for replacement.

RIVET FOR WEDGE

Spare wedges' rivets for replacement.



T-BOLT FOR COUPLER

Spare T-Bolts for replacement.

NUT FOR T-BOLT

Spare nuts of T-Bolts for replacement.

ight ^(kg)	Ref.		Weight ^(kg)
,90	AA.AB.PO	100 units	4,40

GALVANIZED TUBE

AA.AB.PA

Diameter 48,3 mm and 3,2 mm thickness.

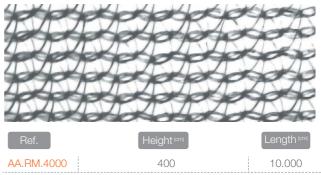
Ref.	Length ^(cm)	Weight ^(kg)
AA.TU.0500.G	50	1,90
AA.TU.1000.G	100	3,70
AA.TU.1500.G	150	5,60
AA.TU.2000.G	200	7,40
AA.TU.2500.G	250	9,40
AA.TU.3000.G	300	11,20
AA.TU.4000.G	400	15,00
AA.TU.5000.G	500	18,70
AA.TU.6000.G	600	22,30

4,

50 units

SCAFFOLDING NET

For derbis netting, to protect passers-by and traffic of dirt caused by works on the scaffold.





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