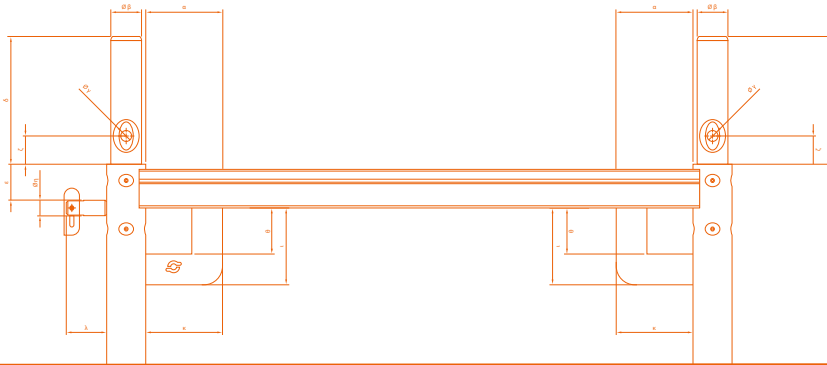




solutions holding your ideas.



FA-48[®]

Catalogue & Assembly solutions

Frame scaffold system



www.catarigroup.com



**FOR ALL TYPES
OF FAÇADE WORKS**



INDEX

06| CATARI FA-48® OVERVIEW

Key features
Assembly flow
Certification
Benefits

17| FRAMES

19| SIDE PROTECTION

Guardrails
Advance guardrails

22| DIAGONAL BRACES

23| TOE BOARDS

24| DECKS

26| ACCESSES

Access decks
Staircases

29| TEMPORARY PROTECTION FOR SCAFFOLDERS

30| BRACKETS

32| ACCESSORIES FOR CORNERS

Adjustable toe board and guardrail
Decks for circular lineups
Decks for straight corners

34| ASSEMBLY FRAMES

Sidewalks protection
Slopes or uneven floors
Protruding façades

37| LATTICE BEAMS

38| SCAFFOLD TIES

40| FA-48® COUPLERS

41| MOBILE SCAFFOLDING

42| COMPATIBILITY WITH CATARI US®

43| MODULAR PALLET



TECHNICAL FEATURES

| | |
|---|---|
| System type | Frame |
| Tube diameter ⁽¹⁾ | 48,3 mm |
| Tube thickness ⁽¹⁾ | 2,9 mm |
| Steel grade ⁽¹⁾ | S235 JR |
| Coating ⁽¹⁾ | Hot-dipped galvanized |
| Load capacity of the steel decks | 4,5 kN/m ² (3,07 m and 2,57 m) ⁽²⁾ 6,0 kN/m ² (< 2,57 m) ⁽³⁾ |
| Applications | Façade ▪ Stair tower ▪ Rebar ▪ Working platform |
| Maximum height | 100 m ⁽⁴⁾ |
| Bay widths | 0,73 m |
| Bay lengths | 0,73 ▪ 1,07 ▪ 1,57 ▪ 2,07 ▪ 2,57 ▪ 3,07 m |
| Access types | Deck with trapdoor ▪ Staircase |
| Accessories | Mobile scaffold ▪ Circular line-up ▪ Pedestrian protection ▪ Protruding façades ▪ Complementary protection |
| Average weight when assembled | 14 kg/m ² |
| Average assembly rates | 16,5 m ² /man-hour ▪ 13 m ² / man-hour ▪ 225 kg/ man-hour ⁽⁵⁾ |
| Average cargo per truck/ 40 ft container | 1200/1000 m² |
| Certification | class 3 according to EN 12810-1, ANEOR |

⁽¹⁾ Frame FA-48®

⁽²⁾ class 5 according to EN 12810-1

⁽³⁾ class 6 according to EN 12810-1

⁽⁴⁾ depending on the scaffold configuration, wind action, live loads and local conditions

⁽⁵⁾ considering an experienced team of 3 scaffolders

CATARI FA-48® OVERVIEW

The frame is the key component of the system and allows a working area with a width of 64 cm and an height of 2 m. The remaining components are available in incremental sizes to provide the system an increased flexibility.

The fitting mechanisms of the guardrails and diagonal braces were conceived to grant a self-explanatory and efficient assembly workflow, without hammer or other special tools.

The available accessories enhance the adaptation of the scaffold to the most irregular façades and even set up other configurations.

Safety comes easy

The gravity pins ensure the guardrails and diagonal braces are fastened with a single push, while the built-in spigots grant a straightforward connection between frames and their correct setting in the upright.

Once stacked, the upper frames automatically prevent the decks against accidental lifting or tilting.

High assembly rate

The reduced number of components per m² when compared to the multidirectional systems, and the lightweight guardrails favour the performance of scaffolders and improve the assembly rates.

Durability

Manufactured with structural steel, automatic welding and coated with an hot-dipped galvanization, the system grants the user the best quality and durability, with the least possible maintenance.

Catari US® compatible

As the decks and the staircases of Catari FA-48® fit on Catari US® U-ledgers, it is possible to use these components on both systems, thus reducing the investment.

Due to the matching grid-size of Catari FA-48® and Catari US®, it is possible to combine both systems for an easier assembly in complex structures.

HOW DOES IT WORK?

To increase the length of the scaffold, add new frames and connect them with guardrails; to increase the height, stack additional frames on the top of the existing ones. Diagonal braces and decks will grant the rigidity of the scaffold, waiving the use of ledgers.

Frame

The built-in spigots on the top of the frames ensure their quick fit and correct setting in the upright. Three single-push fittings are available and allow the assembly of two guardrails on the backside and one on the side of the façade.

Decks

Fit on the U profile of the frames and work as structural elements for the stability of the assembly. The lower bar of the frame above prevents them from accidental lifting.

The access decks are used to ensure a safe passage between levels. The integrated ladders are retractable to also permit working on these bays.

Guardrails

Used as side protection, they are locked with a single-push onto the slide-in fittings of the frames.

Diagonal braces

Fit on the gravity pins located on the external side of the frames and start ledgers, uniting them and ensuring the scaffold bracing.

Toe boards

Fixed to the frames by sliding the sockets on their extremities. Along with the guardrails, toe boards work as protective elements along the working corridor.





EN 12810-1

CERTIFICACION

CATARI FA-48® EN 12810-1

AENOR cold stamping on the components attest the conformity of Catari FA-48® system with the European norms **EN 12810** and **EN 12811**.

The fulfilment of these norms grants the user the compliance of the components with the function for which they were developed, with high level of accuracy, safety and durability, as a result of a manufacturing process monitored by an approved and certified internal quality management system.

As a result of being certified, the scaffold Catari FA-48® can even be assembled for a general usage⁽¹⁾ up to a height of 24 m without static calculation. With project-specific planning, other combination of loads and heights are also possible, taking full advantage of Catari's steel decks load-bearing capacity.

⁽¹⁾Inspection, cleaning, maintenance, painting, plastering and restoration works up to 200 kg/m² (class 3).

WHICH ARE THE BENEFITS?

HIGH ASSEMBLY RATE
for a reduction of the labour costs

ACCESSORIES
for all types of façade

COMPATIBILITY
with the Catari US® scaffold system

CERTIFIED
for 24 m height scaffolds without assembly project

100 m
of maximum height, with project-specific planning



MULTI-STOREY BUILDINGS

An assembly rate up to 16,5 m²/man-hour

Up to 100 m height

The same scaffold for rebar, formwork and façade works

Special frames to create a safe passage for the pedestrians

Adjustable guardrail and toe board for straight corners

Advanced guardrails for an increased safety of the scaffolders



TANKS

Angular decks for a continuous working corridor in circular line-ups

Flame retardant aluminium access decks and steel toe boards

Working decks with a load-bearing capacity up to 600 kg/m²



CEILING

Working loads up to 75 kg/m²

Aluminium lattice beams for an easier handling

Compatible with Catari US® bridging ledgers for a more effective assembly



SEQUENTIAL WORKS

Work in sections up to an height of 6 m, reusing the same base components

Possibility of working façades or ceilings



STAIR TOWERS

Aluminium staircases for an easy handling on site

Integrated landing to allow the movement between staircases without the assembly of additional decks

Handrails and guardrails for the protection of the stairwell on the last floor



WHAT'S NEW?



EN 12810-1

Certification badge

This badge marks EN12810-1 certified products.



To be used with

This badge notifies the components that work in combination to achieve their full potential or safety.



Assembly tips

This badge will guide the user exploring the different possibilities of the system.

Innovative solutions for corners

Speed up the assembly on corners replacing the tube and couplers by adjustable components.

Extended working areas

Easily reach over wider balconies by enlarging the scaffold up to 1 m.

Anchorage for delicate façades

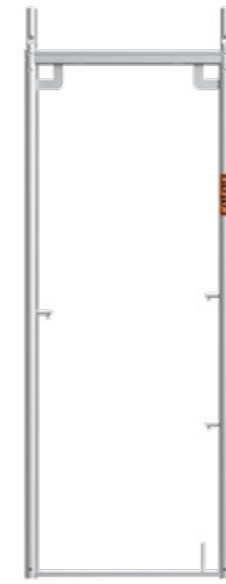
Reverse tying solutions when it isn't possible to fix the scaffold to a regular concrete wall.



EN 12810-1

FRAMES

Made of steel, they contain built-in spigots, a support for toe boards and slide-in fittings for guardrails and diagonal braces. The upper U profile bears two steel-decks while the lower profile locks the ones below in position.



73 cm

| Ref. | Height (cm) | Width (cm) | Fittings | Weight (kg) |
|------------------|-------------|------------|----------|-------------|
| FA.MD.730.2000 | 200 | 73 | 3 | 18,90 |
| FA.MD4F0730X2000 | | | 4 | 19,00 |
| AA.PS.48 | - | - | - | 0,08 |

⊗ Locking pin 8 mm



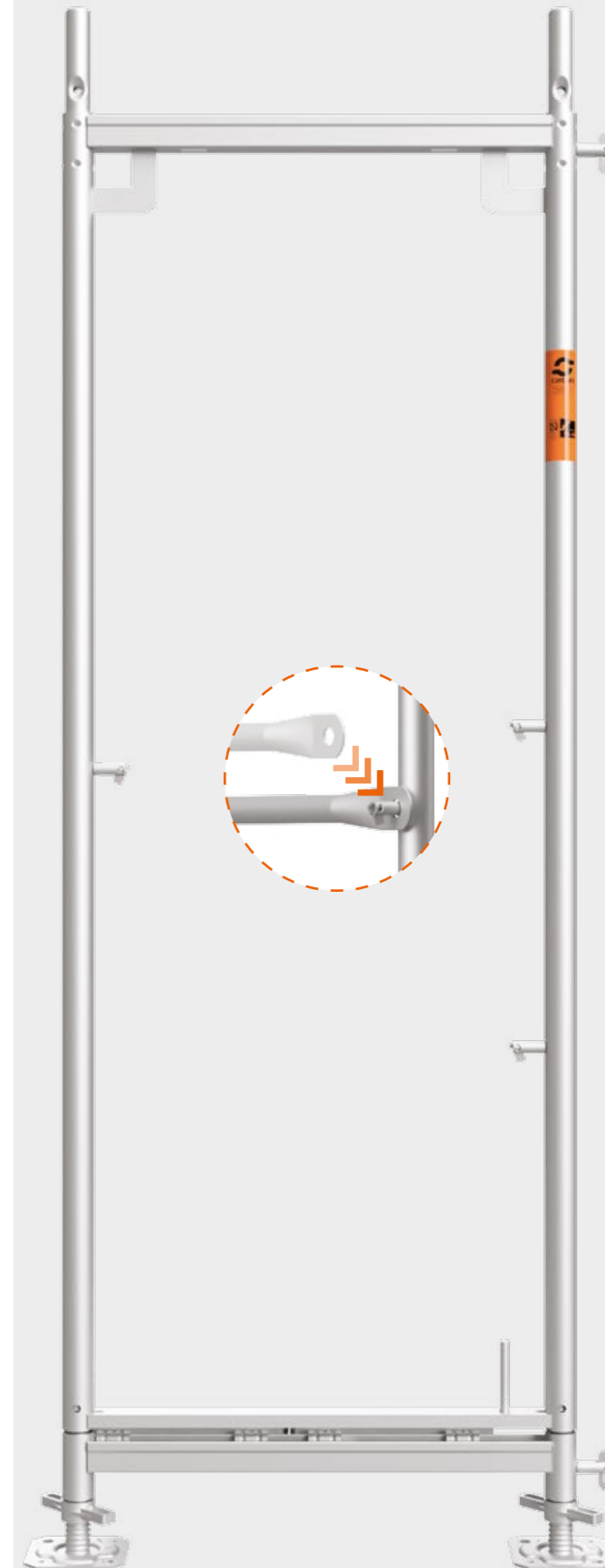
EN 12810-1

START LEDGER

Enables the assembly of steel decks on the ground level and the fixation of a diagonal brace on the initial frame.



| Ref. | Width (cm) | Width (kg) |
|-----------|------------|------------|
| FA.SI.730 | 73 | 3,00 |





TOP END FRAME

Replaces the frames on the extremities of the last level. Provided with slide-in fittings for fixing guardrails and a socket for toe boards.

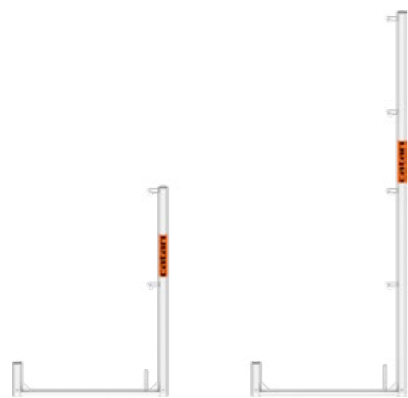


| Ref. | Height (cm) | Width (cm) | Weight (kg) |
|------------|-------------|------------|-------------|
| FA.PT.0730 | 100 | 73 | 10,70 |

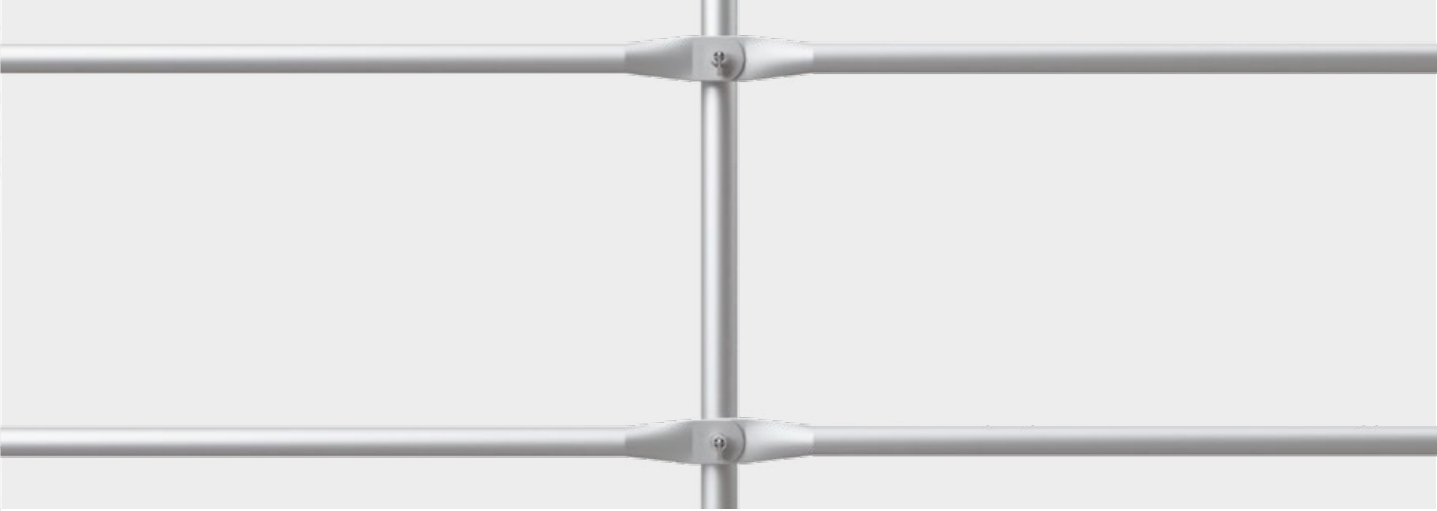


TOP INTERMEDIATE FRAMES

Replace the frames on the intermediate spans of the last level. Provided with slide-in fittings for fixing guardrails and a socket for toe boards.



| Ref. | Height (cm) | Width (cm) | Weight (kg) |
|----------------|-------------|------------|-------------|
| FA.PP.730.1000 | 100 | 73 | 5,40 |
| FA.PP.730.2000 | 200 | | 8,40 |



GUARDRAILS

Used to protect the rear or front perimeters, they are locked in position with a single push. Grant an increased transport and storage efficiency when compared to the advance guardrails.



| Ref. | Length (cm) | Weight (kg) |
|------------|-------------|-------------|
| FA.TR.730 | 73 | 1,20 |
| FA.TR.1070 | 107 | 1,80 |
| FA.TR.1570 | 157 | 2,60 |
| FA.TR.2070 | 207 | 3,40 |
| FA.TR.2570 | 257 | 4,20 |
| FA.TR.3070 | 307 | 5,00 |



DOUBLE GUARDRAILS FOR END SIDE

Used to protect the extremities of the scaffolding, including in cantilevered spans.



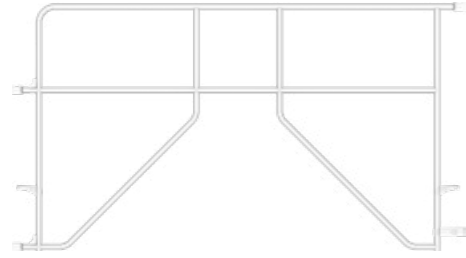
| Ref. | Width (cm) | Weight (kg) |
|-----------|------------|-------------|
| FA.GT0360 | 36 | 1,70 |
| FA.GT.730 | 73 | 2,90 |
| FA.GT1000 | 100 | 3,50 |



ADVANCE GUARDRAILS

With the advantage of being assembled from the lower level, these guardrails serve also as additional protection against falls during the assembly. Once placed, their function is the same of the standard guardrails.

FRONT



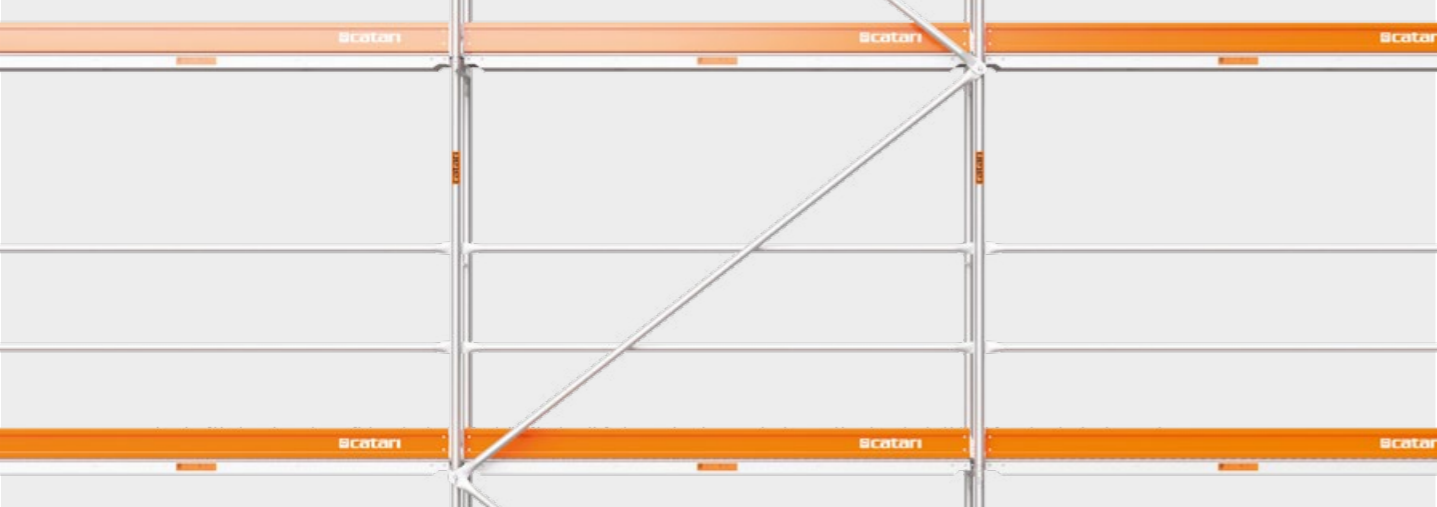
| Ref. | Length (cm) | Weight (kg) |
|-------------|-------------|-------------|
| FA.GCMD0730 | 73 | 8,70 |
| FA.GCMD1070 | 107 | 10,40 |
| FA.GCMD1570 | 157 | 13,60 |
| FA.GCMD2070 | 207 | 17,50 |
| FA.GCMD2570 | 257 | 20,20 |
| FA.GCMD3070 | 307 | 21,80 |

END SIDE



| Ref. | Width (cm) | Weight (kg) |
|--------------|------------|-------------|
| FA.GCMDT0730 | 73 | 8,20 |





DIAGONAL BRACES

Used to brace the scaffold on a parallel direction to the façade.

EN 12810-1



| Ref. | Height (cm) | Length (cm) | Weight (kg) |
|------------|-------------|-------------|-------------|
| FA.DG.1570 | 200 | 157 | 4,60 |
| FA.DG.2070 | | 207 | 5,20 |
| FA.DG.2570 | | 257 | 5,90 |
| FA.DG.3070 | | 307 | 6,60 |

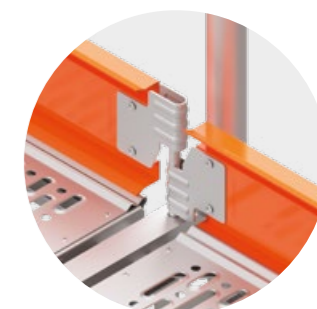
STEEL TOE BOARDS

Made of pre-galvanized steel, painted afterwards, and provided with sockets on the extremities for a simple assembly, they prevent objects from falling outside the working area.

FRONT



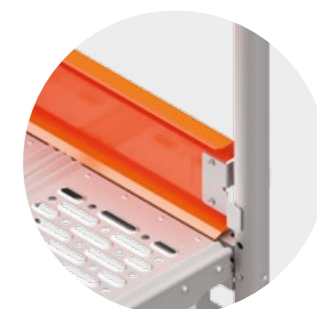
| Ref. | Length (cm) | Weight (kg) |
|-------------|-------------|-------------|
| FA.RFM.0730 | 73 | 2,00 |
| FA.RFM.1070 | 107 | 2,90 |
| FA.RFM.1570 | 157 | 4,10 |
| FA.RFM.2070 | 207 | 5,30 |
| FA.RFM.2570 | 257 | 6,60 |
| FA.RFM.3070 | 307 | 7,90 |



END SIDE



| Ref. | Width (cm) | Weight (kg) |
|------------|------------|-------------|
| FA.RTM0360 | 36 | 0,86 |
| FA.RTM.730 | 73 | 1,80 |
| FA.RTM1000 | 100 | 2,50 |





STEEL DECKS

Made of pre-galvanised steel, they support working loads up to 600 kg/m². Provided with an anti-slip surface and two internal handholds for an easier and safer handling.



| Ref. | Length (cm) | Width (cm) | Class | Weight (kg) |
|------------|-------------|------------|-------|-------------|
| FA.PL.0730 | 73 | 32 | 6 | 5,80 |
| FA.PL.1070 | 107 | | | 8,00 |
| FA.PL.1570 | 157 | | | 11,30 |
| FA.PL.2070 | 207 | | 5 | 14,60 |
| FA.PL.2570 | 257 | | | 18,40 |
| FA.PL.3070 | 307 | | | 21,70 |

PLAIN STEEL DECKS

Made of pre-galvanised steel and provided with two internal handholds for an easier and safer handling.

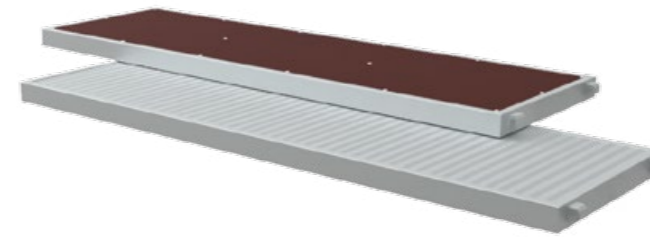


| Ref. | Length (cm) | Width (cm) | Class | Weight (kg) |
|----------------|-------------|------------|-------|-------------|
| FA.PL.320.0730 | 73 | 32 | 6 | 5,60 |
| FA.PL.320.1070 | 107 | | | 7,50 |
| FA.PL.320.1570 | 157 | | | 10,40 |
| FA.PL.320.2070 | 207 | | 4 | 13,20 |
| FA.PL.320.2570 | 257 | | | 16,40 |
| FA.PL.320.3070 | 307 | | | 19,20 |



DOUBLE DECKS

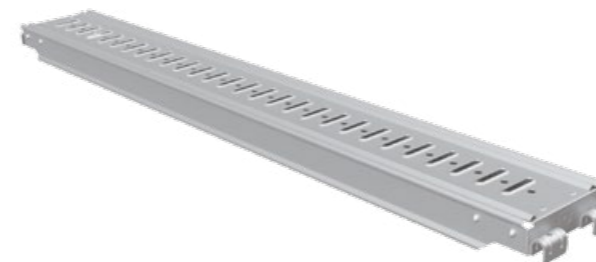
Replace two 32 cm steel decks, reducing the weight and speeding up the assembly and disassembly. The frame is made of aluminium and the anti-slip surface of plywood or aluminium.



| Ref. | Length (cm) | Width (cm) | Class | Weight (kg) |
|-----------|-------------|------------|-------|-------------|
| FA.PDC157 | 157 | 61 | 3 | 12,50 |
| FA.PDC207 | 207 | | | 16,30 |
| FA.PDC257 | 257 | | | 20,00 |
| FA.PDC307 | 307 | | | 25,20 |
| FA.PDA157 | 157 | 61 | 3 | 11,30 |
| FA.PDA207 | 207 | | | 14,80 |
| FA.PDA257 | 257 | | | 18,10 |
| FA.PDA307 | 307 | | | 22,90 |

SLIM STEEL DECKS

Made of pre-galvanized steel, they serve to complement the floor when brackets are used.



| Ref. | Length (cm) | Width (cm) | Class | Weight (kg) |
|----------------|-------------|------------|-------|-------------|
| FA.PL190X0730 | 73 | 19 | 6 | 4,60 |
| FA.PL.190.1570 | 157 | | | 9,40 |
| FA.PL.190.2070 | 207 | | | 12,20 |
| FA.PL.190.2570 | 257 | | 5 | 15,10 |
| FA.PL.190.3070 | 307 | | | 17,90 |



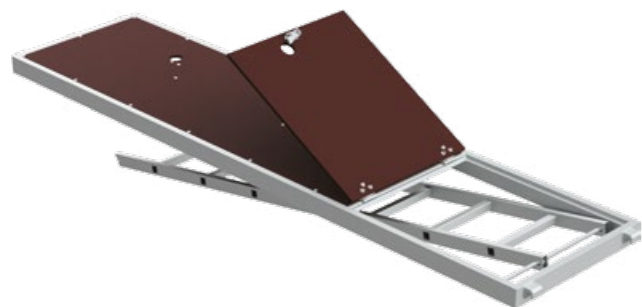
| Class | Distributed load (kg/m ²) |
|-------|---------------------------------------|
| 6 | 600 |
| 5 | 450 |
| 4 | 300 |
| 3 | 200 |





ACCESS DECKS

Made of aluminium and provided with an anti-slip plywood surface, they are used for the movement between levels, through a retractable ladder and a trapdoor.



| Ref. | Length (cm) | Width (cm) | Class | Weight (kg) |
|------------|---|------------|-------|-------------|
| FA.PATC207 | 207 | 61 | 3 | 16,70 |
| FA.PATC257 | 257 | | 3 | 23,10 |
| FA.PATC307 | 307 | | 3 | 28,20 |
| AA.EA | aluminium ladder to use with FA.PATC207 | | | 3,10 |

ACCESS DECKS WITH SIDE OPENING

Entirely made of aluminium for an improved durability and provided with a trapdoor with side opening for an enhanced comfort during usage.



| Ref. | Length (cm) | Width (cm) | Class | Weight (kg) |
|------------------|---|------------|-------|-------------|
| FA.PA.AL.LA.2070 | 207 | 61 | 3 | 18,30 |
| FA.PA.AL.LA.2570 | 257 | | 3 | 24,30 |
| FA.PA.AL.LA.3070 | 307 | | 3 | 29,00 |
| AA.EA | aluminium ladder to be used with FA.PA.AL.LA.2070 | | | 3,10 |



STAIRCASES

Used to form access towers or in façade scaffolds for a more ample access. Made of aluminium for a lower weight.



| Ref. | Height (cm) | Length (cm) | Width (cm) | Weight (kg) |
|----------------|-------------|-------------|------------|-------------|
| FA.EP.2570 | 200 | 257 | 62 | 25,80 |
| FA.EP.3070 | 200 | 307 | | 30,60 |
| FA.EP.1000.620 | 100 | - | | 14,60 |

HANDRAILS FOR STAIRCASES

Used as side protection, external or internal, in accesses with staircases.



| Ref. | Weight (kg) |
|-------------|-------------|
| AA.CE.1000 | 5,70 |
| AA.CE.2000 | 8,40 |
| FA.CEEP2570 | 14,10 |
| FA.CEEP3070 | 15,70 |



GUARDRAIL FOR EGRESS OF STAIRCASE

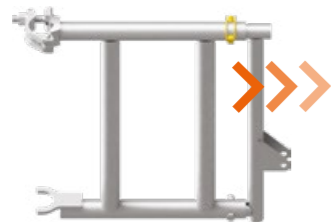
Used as side protection of the stairwell at the top level.



| Ref. | Length (cm) | Weight (kg) |
|-------|-----------------|-------------|
| FA.CP | from 257 to 307 | 10,40 |

GUARDRAIL FOR LANDING OF STAIRCASES

Used as side protection for the landing of staircases.



| Ref. | Length (cm) | Weight (kg) |
|--------|---------------|-------------|
| AA.CTE | from 48 to 74 | 7,80 |



 FA.EP.1000.620
Staircase 1 m
Page 27

TEMPORARY ADVANCE GUARDRAILS

Used during the assembly to grant a safe access to the next level, while frames and guardrails are being placed. The post holds two temporary guardrails that are moved from the level below, closing the perimeter of the level above.

ALUMINIUM POST



| Ref. | Weight (kg) |
|---------|-------------|
| AA.GCMP | 4,90 |

ALUMINIUM TEMPORARY GUARDRAILS



| Ref. | Length (cm) | Weight (kg) |
|----------------|-----------------|-------------|
| AA.TE1400A1570 | from 200 to 307 | 2,20 |
| AA.TE2000A3070 | from 140 to 157 | 3,00 |





BRACKETS

Enable the extension of the working corridor through different deck combinations. In some cases, they shall be used with deck retainers for brackets.



| Ref. | Decks ⁽¹⁾ | Width (cm) | Weight (kg) |
|-----------|----------------------|------------|-------------|
| FA.CL.320 | 1 | 36 | 3,50 |
| FA.CL.730 | 2 | 73 | 6,10 |
| FA.CS1000 | 3 | 100 | 8,90 |

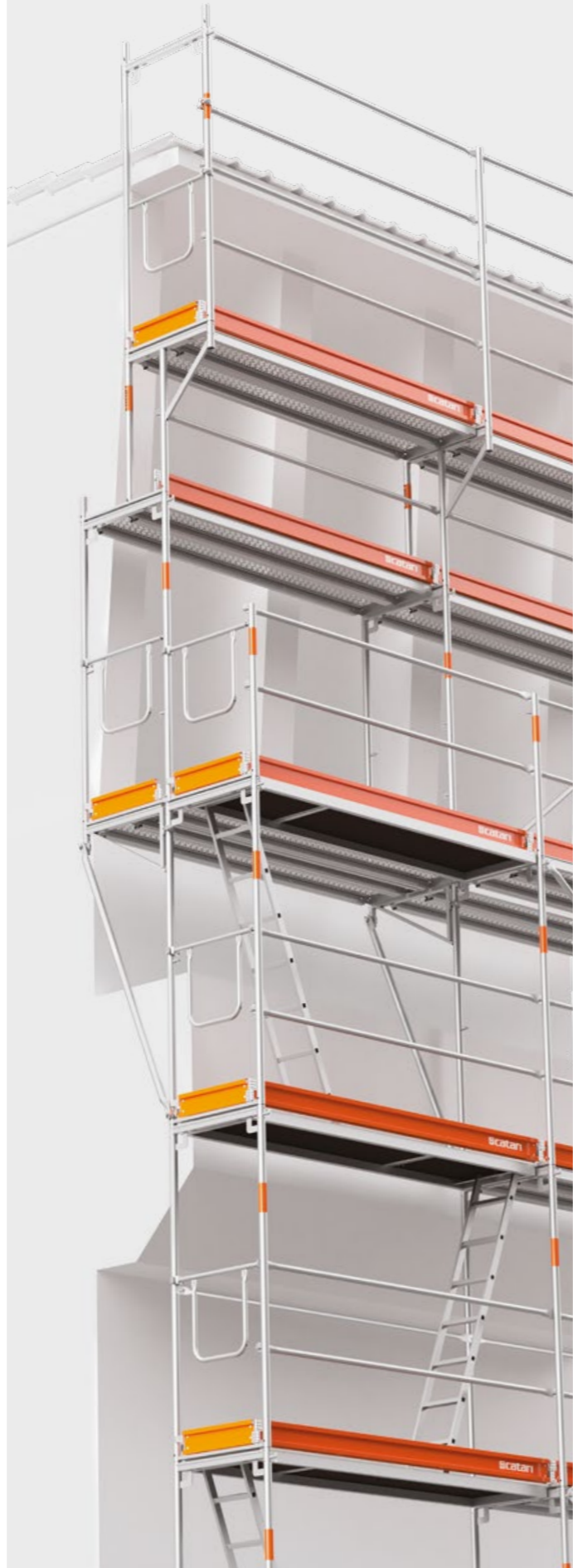
⁽¹⁾ Number of decks per bracket

BRACKET FOR EAVES

Used to work on roof eaves and façade cornices. Their use replaces the separate assembly of a frame and a bracket.



| Ref. | Decks ⁽¹⁾ | Height (cm) | Width (cm) | Weight (kg) |
|----------------|----------------------|-------------|------------|-------------|
| FA.MC0730X1000 | 2 | 100 | 115 | 13,20 |



FRAMES FOR BRACKETS

Used with brackets. Provided with slide-in fittings for guardrails and a support for toe boards.



| Ref. | Height (cm) | Width (cm) | Weight (kg) |
|------------|-------------|------------|-------------|
| FA.PPC0360 | 100 | 36 | 4,60 |
| FA.PPC0730 | 100 | 73 | 5,20 |
| FA.PPC1000 | 100 | 100 | 5,70 |
| AA.PS.FC | - | - | 0,09 |

AA.PS.FC Locking pin for deck retainer for brackets



DECK RETAINERS FOR BRACKETS

Prevent the accidental lifting of decks placed on brackets without frames on the top. It is blocked with the locking pin AA.PS.FC.



| Ref. | Weight (kg) |
|------------|-------------|
| FA.FS.320 | 0,92 |
| FA.FS.730 | 1,60 |
| FA.FS.1000 | 2,00 |
| AA.PS.FC | 0,09 |

AA.PS.FC Locking pin for deck retainer for brackets

BRACE FOR BRACKETS

Reinforces the load capacity of the 0,73 m and 1,00 m brackets.





| Ref. | Weight (kg) |
|--------|-------------|
| AA.TAC | 7,10 |



FA.RTM
Steel toe boards
Page 23

FA.GT
Double guardrails
for end side
Page 19



 AA.AR Coupler for fixing the toe board
 AA.AF Coupler with guardrail socket
 Page 40

ADJUSTABLE STEEL TOE BOARD

Toe board with an adjustable length to enclose the working corridor on corners.

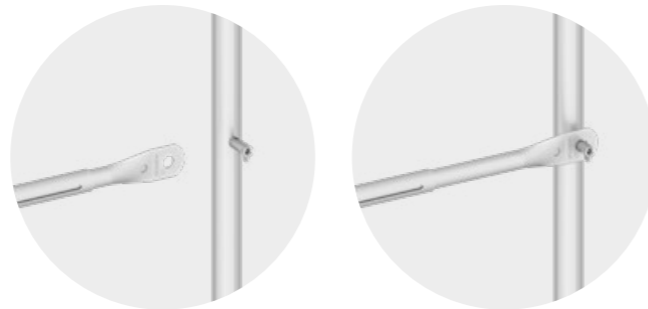


Ref. Length (cm) Weight (kg)

FA.RE1570A2570 from 157 to 257 8,00

ADJUSTABLE GUARDRAIL

Guardrail with an adjustable length to enclose the working corridor on corners.



Ref. Length (cm) Weight (kg)

FA.TE1570A2570 from 157 to 257 4,60

ANGULAR DECK 10/45° 0,73 M

To fill the gap between frames up to an angle of 45°.



Ref. Width (cm) Weight (kg)

FA.PLA45.0730 57 8,00

STEEL PLANKS

To fill the gap between frames up to 2 m.

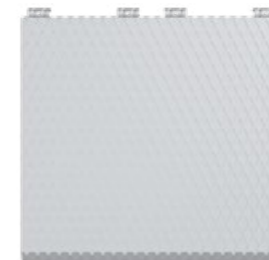


Ref. Length (cm) Width (cm) Weight (kg)

| | | | |
|----------------|-----|-------|-------|
| AA.PSO200X0500 | 50 | 20 | 3,00 |
| AA.PSO200X1000 | 100 | | 5,60 |
| AA.PSO200X1500 | 150 | | 8,20 |
| AA.PSO200X2000 | 200 | | 11,00 |
| AA.PSO200X2500 | 250 | 30 | 13,60 |
| AA.PSO300X0500 | 50 | | 3,60 |
| AA.PSO300X1000 | 100 | | 6,50 |
| AA.PSO300X1500 | 150 | | 9,50 |
| AA.PSO300X2000 | 200 | | 12,80 |
| AA.PSO300X2500 | 250 | 15,70 | |

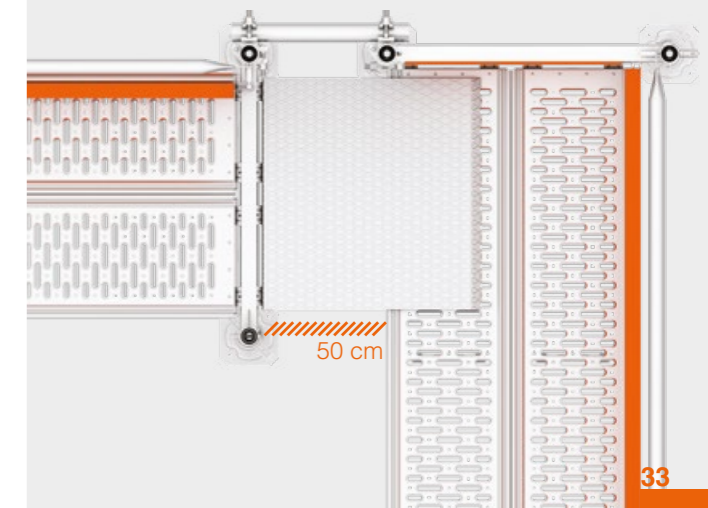
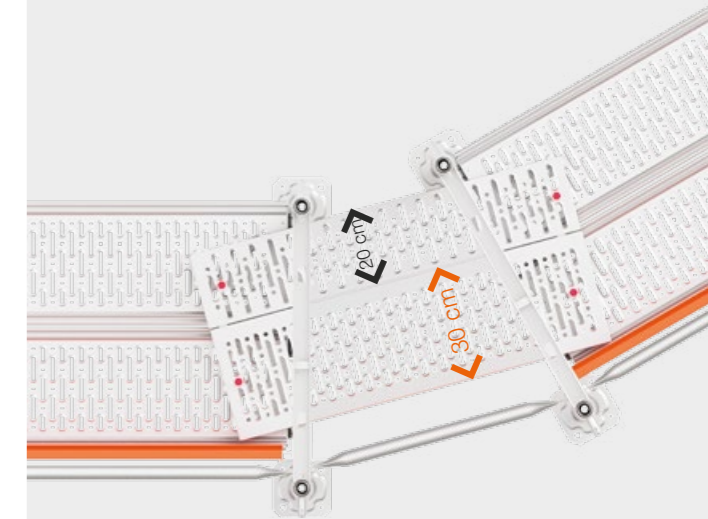
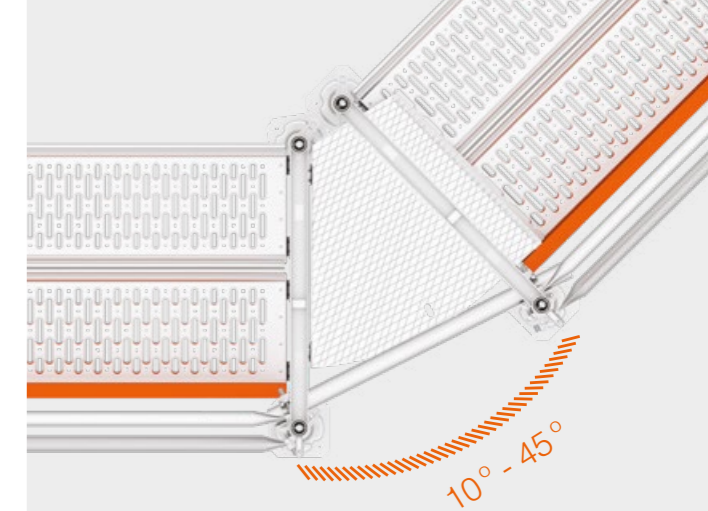
CONNECTION DECK 0,73 M

Allows to fill the gap between frames positioned at 90°.



Ref. Length (cm) Width (cm) Weight (kg)

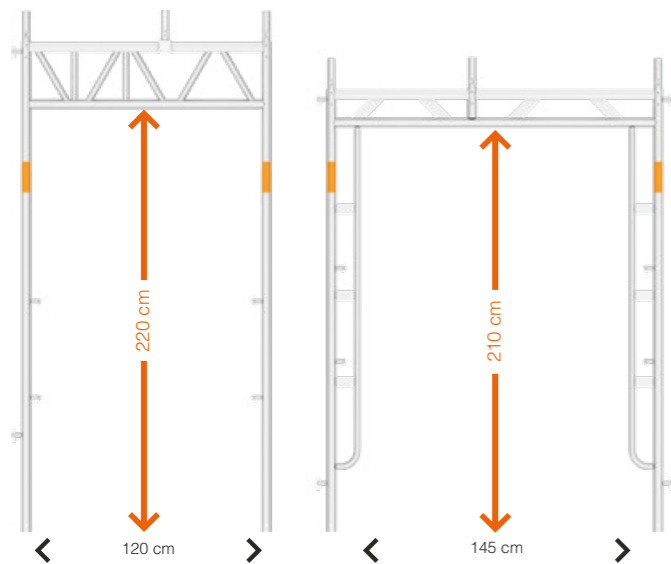
FA.PLLC 57 60 11,10





FRAMES FOR SIDEWALKS

To enable a safe passage for pedestrians due to their increased width. Provided with slide-in fittings for guardrails and diagonal braces, and built-in spigots for stacking frames above. ☒ Fix a coupler *FA.AEM* to the frame *FA.AMP1250*.



| Ref. | Height (cm) | Width (cm) | Weight (kg) |
|------------|--------------------------|------------|-------------|
| FA.MP1250 | 255 | 125 | 29,80 |
| FA.MP.1500 | 230 | 170 | 35,60 |
| FA.AEM ☒ | Spigot coupler for frame | | 0,80 |

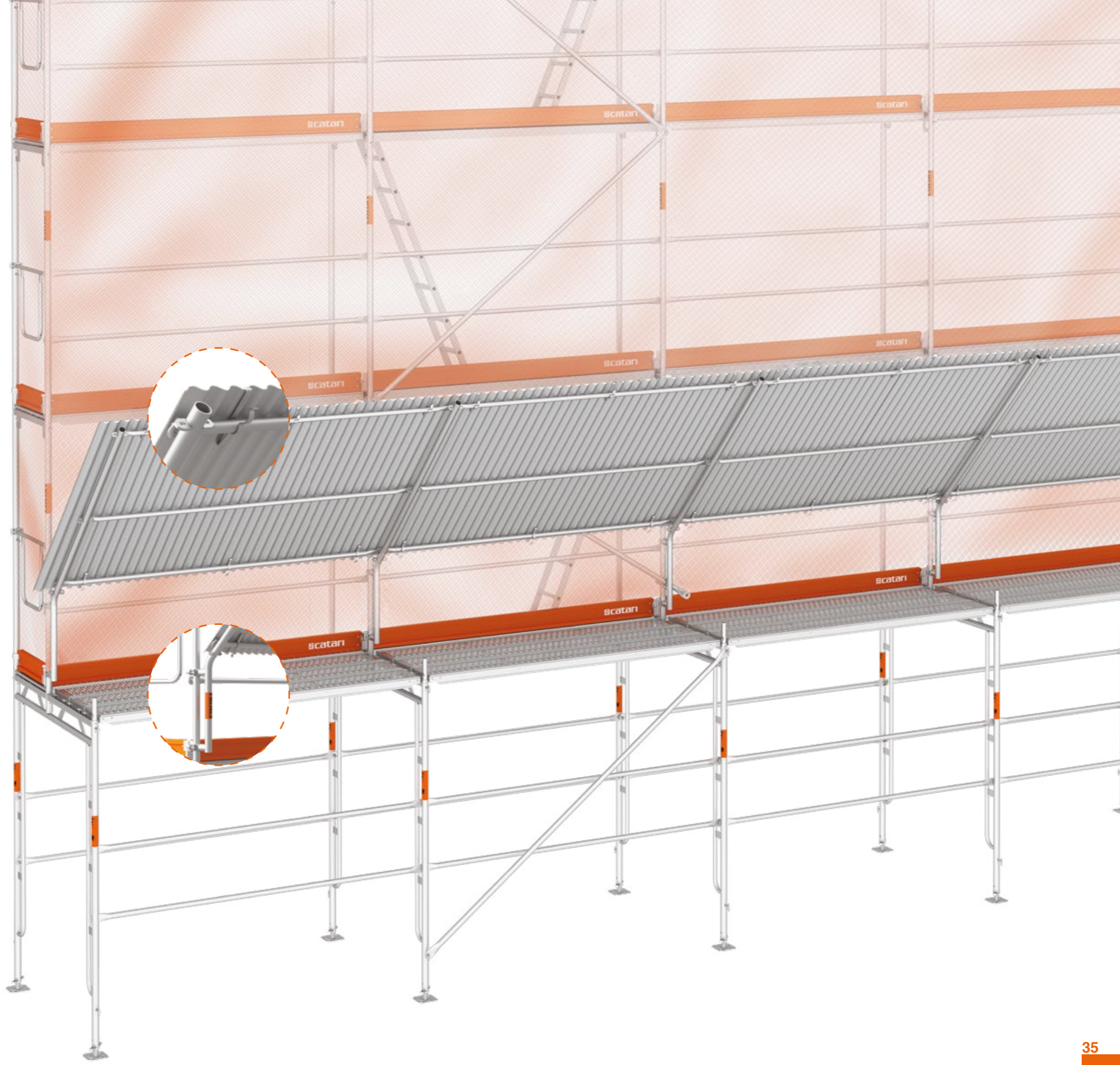
SUPPORT FOR DEBRIS RETAINER

Bears the corrugated sheets used to contain debris. Provided with fittings compatible with the guardrails.

☒ The sheets are secured by clamps *AA.GFC.48.38*.



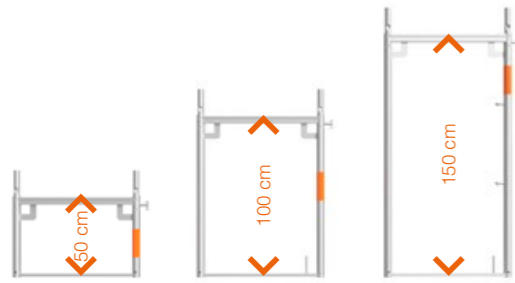
| Ref. | Protection width (cm) | Width (cm) |
|----------------|-----------------------|------------|
| AA.GRE | 154 | 12,30 |
| AA.GFC.48.38 ☒ | - | 0,31 |





ASSEMBLY FRAMES

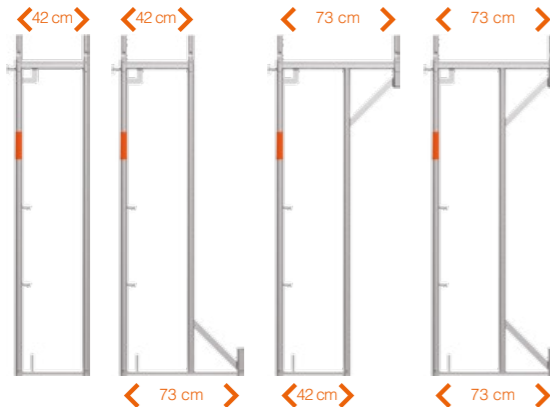
To overcome slopes or other constraints along the façade during the scaffold installation.



| Ref. | Height (cm) | Width (cm) | Weight (kg) |
|----------------|-------------|------------|-------------|
| FA.MD.730.500 | 50 | 73 | 8,30 |
| FA.MD.730.1000 | 100 | | 11,90 |
| FA.MD.730.1500 | 150 | | 15,40 |

ASSEMBLY FRAMES 42 CM

With a width inferior to the minimal working width, they are used to overcome protrusions or other constraints imposed by the façade.

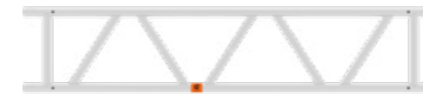


| Ref. | Height (cm) | Width (cm) | Weight (kg) |
|-------------------|-------------|------------|-------------|
| FA.MD.420.2000 | 200 | 42 | 17,10 |
| FA.MD.420.2000.SI | | 73 • 42 | 18,80 |
| FA.MD.420.2000.SS | | 42 • 73 | 19,10 |
| FA.MD.420.2000.S | | 73 • 73 | 20,80 |



LATTICE BEAMS

Used for suspended spans, mobile applications or working platforms. Fixed to the frames with double couplers.



| Ref. | Material | Height (cm) | Length (cm) | Weight (kg) |
|-----------------|----------|-------------|-------------|-------------|
| AA.VP.2000 | Steel | 40 | 200 | 20,70 |
| AA.VP.3000 | | | 300 | 28,30 |
| AA.VP.4000 | | | 400 | 40,10 |
| AA.VP.5000 | | | 500 | 49,20 |
| AA.VP.6000 | | | 600 | 59,60 |
| AA.VPA0400X1200 | | | Aluminium | 40 |
| AA.VPA0400X2200 | 220 | 9,20 | | |
| AA.VPA0400X3200 | 320 | 13,00 | | |
| AA.VPA0400X4200 | 420 | 16,60 | | |
| AA.VPA0400X5200 | 520 | 21,30 | | |
| AA.VPA0400X6200 | 620 | 25,50 | | |



SPIGOT FOR JOINTING LATTICE BEAMS

To connect two lattice beams, aluminium or steel, when a longer length is needed.



| Ref. | Weight (kg) |
|---------|-------------|
| AA.VPEC | 1,50 |

STEEL LATTICE BEAMS WITH 4 COUPLERS

Doubles the span between frames when constraints, such as garages, need to be overcome. Provided of fixing couplers at the extremities and a built-in spigot in the middle, to stack a frame.



| Ref. | Height (cm) | Length (cm) | Weight (kg) |
|-------------|-------------|-------------|-------------|
| FA.VS4A4140 | 25 | 414 | 43,00 |
| FA.VS4A5140 | | 514 | 52,30 |
| FA.VS4A6140 | | 614 | 61,50 |



WALL TIES

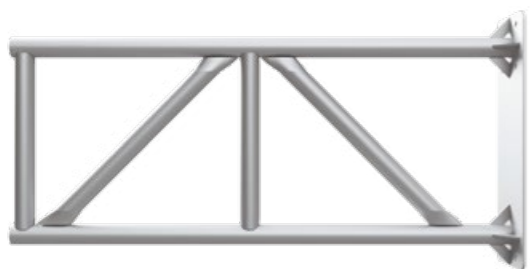
Transmit the horizontal loads of the scaffold to the anchoring wall. Fixed to the frame with a double coupler.



| 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 | 7,70 |
| AA.GA.2500 | 250 | 9,50 |
| AA.GA.3000 | 300 | 11,40 |

WALL LATTICE TIES

Fixed to a resistant wall, they suspend the scaffold in situations where it is not possible to support it on the ground.



| Ref. | Height (cm) | Length (cm) | Weight (kg) |
|-------------|-------------|-------------|-------------|
| AA.CL.AM | 45 | 135 | 22,70 |
| AA.CLAM1650 | 60 | 165 | 29,20 |



EXTENDABLE STABILIZER

It serves to stabilize a scaffold up to 6 m height, when this isn't anchored to a façade.



| Ref. | Fixing height (cm) h | Weight (kg) |
|---------|----------------------|-------------|
| AA.ETLC | 240 • 400 | 31,40 |



LEDGER COUPLER/WEDGE HEAD DIAGONAL BRACE COUPLER/WEDGE HEAD

Used in pairs to stabilize non-tied scaffolds up to a 6 m height, without drilling or using of screws.



| Ref. | Distance (cm) d | Weight (kg) |
|-----------------|-----------------|-------------|
| US.HZ.AT.1200 ① | 120 | 5,10 |
| US.DG.AT.2100 ② | | 7,60 |
| US.HZ.AT.2100 ① | 210 | 7,60 |
| US.DG.AT.2800 ② | | 9,50 |
| US.HZ.AT.2800 ① | 280 | 9,50 |
| US.DG.AT.3600 ② | | 11,60 |





COUPLER WITH GUARDRAIL SOCKET

To add a supplementary guardrail. Used in pairs.



| Ref. | Weight (kg) |
|-------|-------------|
| AA.AF | 0,76 |



COUPLER FOR FIXING THE TOE BOARD

To add a supplementary toe board or to place the adjustable toe board on the corners. Used in pairs.



| Ref. | Weight (kg) |
|-------|-------------|
| AA.AR | 0,84 |



LEDGER WITH COUPLERS 0,73 M

Creates alternative levels and allows to overcome constraints on the working corridor. Used in pairs.



| Ref. | Width (cm) | Weight (kg) |
|-----------|------------|-------------|
| AA.CA.730 | 73 | 3,50 |

To be used with deck retainers *US.FS.0730*.



DECK RETAINER 0,73 M

To prevent decks of being involuntarily lifted, when using ledgers with couplers.



| Ref. | Width (cm) | Weight (kg) |
|------------|------------|-------------|
| US.FS.0730 | 73 | 1,30 |



CASTOR WHEEL WITH LEVELER AND BRAKE

To be used on plane grounds only. Provided with a turning axis and a brake to enable direction changes.



| Ref. | Height (cm) | Service load (kg) | Weight (kg) |
|------------|-------------|------------------------------|-------------|
| AA.RNT.750 | Up to 64 cm | Locked: 750 Unlocked: 400 | 5,80 |



SPACING COUPLER

To connect two frames, separated only by the base jacks distance, replacing the use of a tube and two double couplers.



| Ref. | Length (cm) | Weight (kg) |
|-------|-------------|-------------|
| AA.AE | 16 | 1,70 |



ROSETTE COUPLER

To connect Catari US® ledgers or diagonal braces.



Ref.

Weight (kg)

AA.AROSE

1,20

BRIDGING LEDGERS

Used in spans larger than to 1.57 m, such as working platforms (birdcage scaffold).



Ref.

Width (cm)

Weight (kg)

US.VP.U.1570

157

9,90

US.VP.U.2070

207

13,40

US.VP.U.2570

257

16,90

US.VP.U.3070

307

20,40



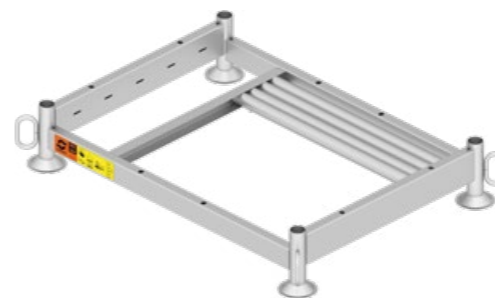
AA.VP
Lattice beams
Page 37



TRANSPORT AND STORAGE

To pack and transport all components of Catari FA-48®. These multi-trip crates can be overlapped with crane or lift-truck and, when not needed, they can be disassembled.

MODULAR PALLETS



Ref.

Height (cm)

Length (cm)

Width (cm)

Weight (kg)

TA.PUB085X120

97

120

85

45,90

TA.PUB103X120

103

52,40

MODULAR CRATE PALLET



Ref.

Height (cm)

Length (cm)

Width (cm)

Weight (kg)

TA.PUR085X120

97

120

85

99,50





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