

# FAÇADE SCAFFOLDING SIGMA 70P

## CATALOGUE OF SCAFFOLDING ELEMENTS

# SIGMA 70P SCAFFOLDING – INTRODUCTION

**SIGMA 70P scaffolding** – system frame axial sizes: 739 mm wide two-deck basic frames, 413 mm narrow single-deck frames and 1065 mm wide three-deck frames. System height of the frames is 2000 mm. Fastening of guardrails and braces on auto-lock latch locks and fastening decks on the star bolts of the frame.

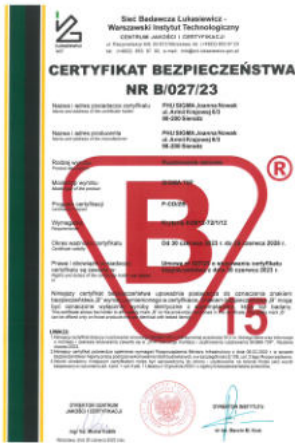
The **SIGMA 70P** is a universal facade scaffolding system. The basic element of the scaffolding structure are welded steel frames, and the frame uprights are manufactured in the technology of double-sided pipe end forming. The frames are equipped with star bolts for mounting decks and locks for attaching guardrails, braces and toe boards. The decks serve as the horizontal stiffening of the system, while the diagonal bracing serves as vertical stiffening.

A variety of scaffolding bay lengths: 0.7 m; 1.1 m; 1.5 m; 2.0 m; 2.5 m; 3.0 m, various frame widths: 0.41 m, 0.74 m and 1.10 m, as well as a wide range of accessories, e.g. levelling frames, cornice frames, adjusting frames, walk-through frames, extension consoles - make it easier to install the scaffolding at the building facade and precisely position the structure in difficult and irregular terrain conditions, regardless of the conditions on site. An additional advantage of the Sigma 70P scaffolding system is the ease and speed of assembly. All this makes it **one of the most popular facade scaffolding systems in Europe**.

The **SIGMA 70P scaffolding**, with the appropriate configuration of the scaffolding bays, meets the load capacity requirements for decks according to scaffolding group 6 for traffic loads, DIN EN 12811-1:2004-03 - table 3, and table 6 for the safety and protection of scaffoldings protecting roofing works of class FL1 with a fall height of up to 2 m according to DIN 4420-1:2004-03 - class D according to DIN EN 12810-1:2004-03).

**In the production of the Sigma 70P scaffolding, we focus on the quality.** For the production of steel elements of the scaffolding, we always use grade I steel, with an appropriate chemical composition to ensure excellent quality of hot dip galvanizing. The steel elements of our scaffoldings are galvanized in plants ensuring the highest quality of products. Wooden elements of the scaffolding, such as decks, toe boards and sole boards made of softwood, are impregnated with a waterproof acrylic agent. In addition, wooden decks are finger jointed with D4 hot glue. The quality of corrosion protection and impregnation is an additional advantage that improves the service life of the SIGMA 70P scaffolding.

The SIGMA 70P scaffolding is manufactured in accordance with the European Union standards. **The SIGMA 70P scaffolding has a safety certificate "B", a certificate of compliance with K/0812-72/1/12 criteria, and a certificate of compliance with the PN-EN 12810-1:2010 and PN-EN 12811-1:2007 standards** issued by the Łukasiewicz Research Network of the Warsaw Institute of Technology (formerly IMBIGS). As a scaffolding manufacturer since 2019, we have obtained **EXC2 welding certificates confirming the compliance with EN 1090-2:2018 standard, issued by DVS ZERT Gmbh Dusseldorf**.



- a. **Working length** – the axial distance between the first and last scaffolding frame seated in one level (on one floor).
- b. **Maximum working height** – the height measured from the level of the surface on which the scaffolding is seated, incl. all the elements used: a 50 mm thick wooden sole board, an adjustable screw jack unscrewed to the maximum height (450 mm for a 0.6 m jack; with a 150 mm of the threaded bolt remaining inside the scaffolding frame) up to the height of the top scaffolding deck plus 2 m. This is due to the possibility of carrying out works on the top deck up to a height of 2 m.
- c. **Scaffolding height** – the height measured from the level of the surface on which the scaffolding is seated, incl. all the elements used for foundation up to the height of the most top scaffolding element. Most often, it is the highest guardrail.
- d. **Scaffolding bay** – the distance in the axes between two frames measured by the length of the deck used; the SIGMA 70P scaffolding system offers decks with a length of: 3.0 m, 2.5 m, 2.0 m, 1.5 m, 1.1 m, 0.7 m.
- e. **Scaffolding working area** – the area calculated as the product of the maximum working height and the length of the scaffolding.
- f. **Scaffolding deck** – an area consisting of one, two, three or more decks (mounted on frames, consoles or walk-through frames) mounted in a single bay.
- g. **Frames with double locks** - In accordance with health and safety regulations, if the scaffolding is seated with the distance between the deck and the wall greater than 20 cm, additional guardrails and toe boards on the wall side should be installed. Thanks to the double locks and toe board pins, this can be done at low cost and with little effort.

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**Sales office  
and production site:**  
ul. Graniczna 1  
05-555 Wólka Jezewska

**Company Legal Details:**  
PHU SIGMA Joanna Nowak  
ul. Armii Krajowej 6/3,  
98-200 Sieradz  
NIP 827 210 66 04

**Contact details:**  
Tel. 508 759 759  
biuro@sigma-bud.pl  
www.sigma-bud.pl

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# DECLARATION OF CONFORMITY

Company:  
**PHU SIGMA Joanna Nowak**  
ul. Armii Krajowej 6/3  
98-200 Sieradz

declares under its sole responsibility that:

## **SIGMA 70P facade scaffolding**

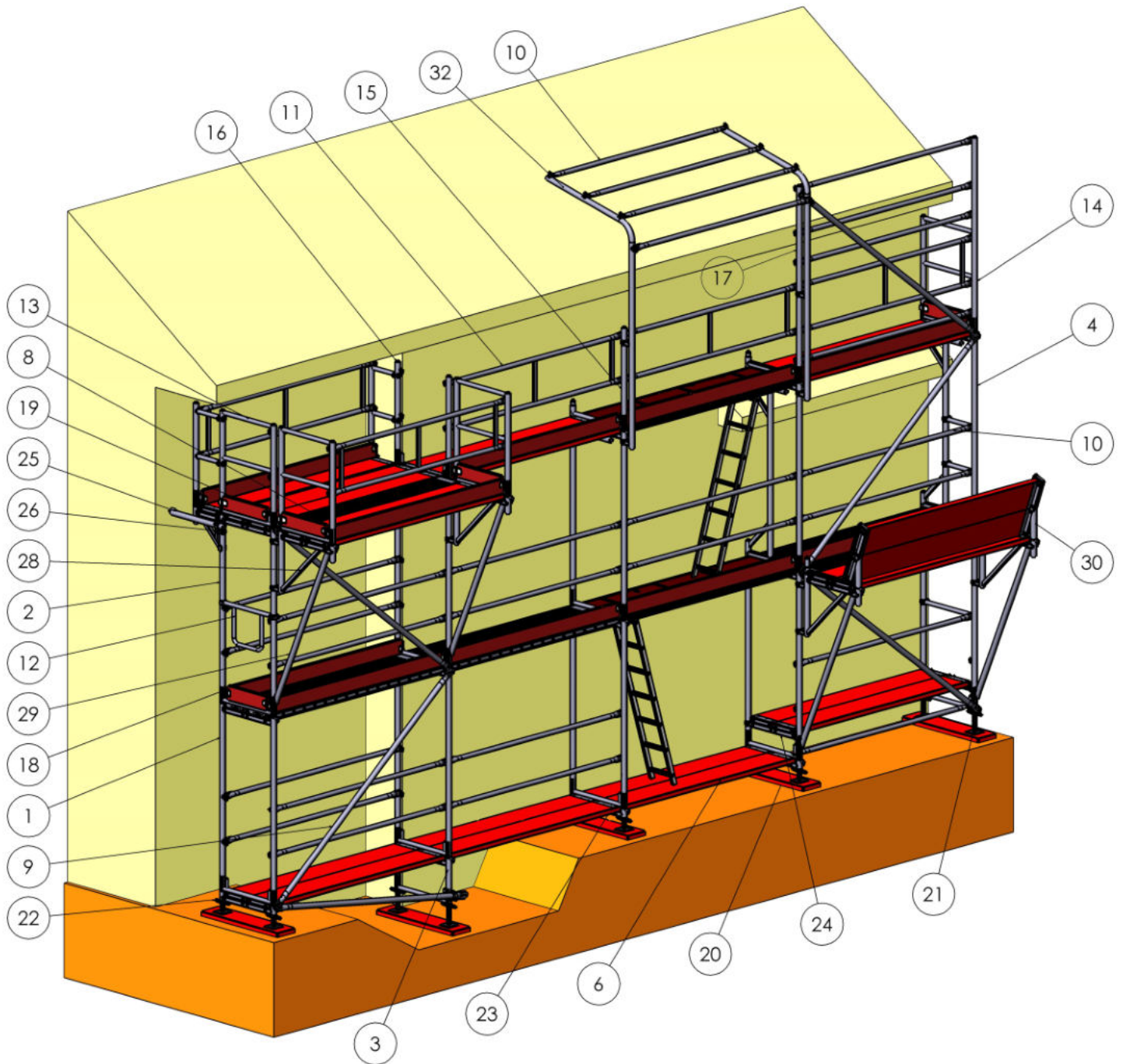
and its elements are manufactured in accordance with Polish and European Union standards specified below:

- PN-EN 12810-1:2010:** Façade scaffolds made of prefabricated components.  
Part 1: Product specifications.
- PN-EN 12810-2:2010:** Façade scaffolds made of prefabricated components.  
Part 2: Particular methods of structural design.
- PN-EN 12811-1:2007:** Temporary works equipment.  
Part 1: Scaffolds – Performance requirements and general design.
- PN-EN 12811-2:2008:** Temporary works equipment.  
Part 2: Information on materials.
- PN-EN 74-1:2006:** Couplers, spigot pins and baseplates for use in falsework and scaffolds.  
Part 1: Couplers for tubes – Requirements and test procedures.
- PN-M-47900-1:1996:** Steel, standing working scaffoldings. Definitions, divisions and main parameters
- PN-M-47900-3:1996:** Steel, standing working scaffoldings. Frame scaffolding.
- PN-M-47900-4:1996:** Steel, standing working scaffoldings. Couplers.
- K/0812-72/1/12:** Criteria for products safety assessment. Scaffolding system, standing, immovable, working. Institute of Mechanized Construction and Rock Mining in Warsaw.

**PHU SIGMA**  
Joanna Nowak  
98-200 Sieradz, ul. Armii Krajowej 6 m. 3  
REGON: 100385422, NIP: 827-210-66-04

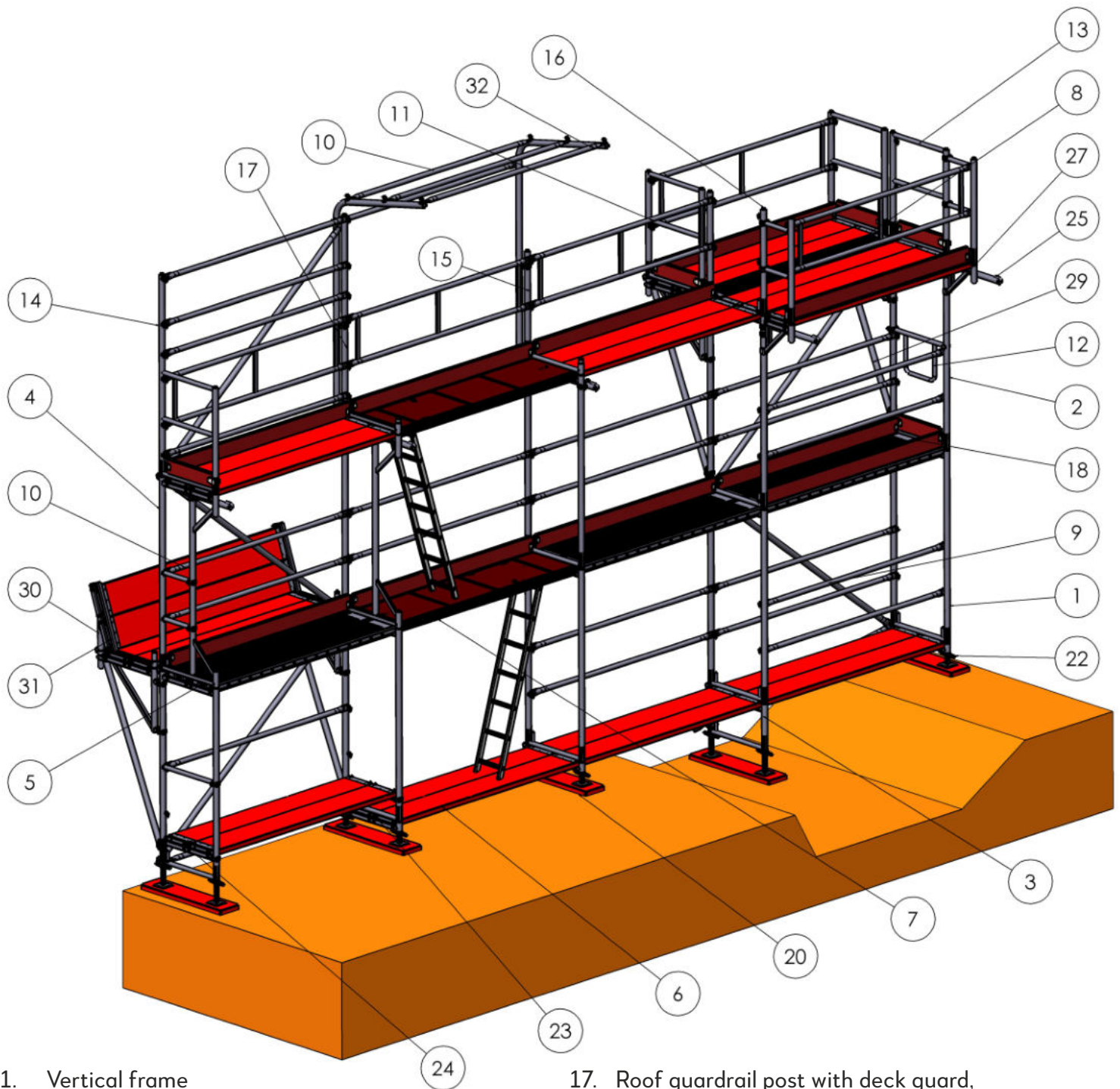


# VIEW OF THE SIGMA 70P SCAFFOLDING FROM THE OUTSIDE



- |  |  |
|--|--|
| 1. Vertical frame                                      | 17. Roof guardrail post with deck guard, - "L-shaped", 2.0 m |
| 2. Vertical frame with double locks                    | 18. Longitudinal toe board                                   |
| 3. Levelling frame                                     | 19. Side toe board   |
| 4. Cornice frame                                       | 20. Timber sole board  |
| 5. Steel deck  | 21. Bottom bracing fixation                                  |
| 6. Timber deck   | 22. Adjustable steel screw jack                              |
| 7. Alu-plywood access deck                             | 23. Base transom   |
| 8. Infill deck for the console                         | 24. Transom  |
| 9. Diagonal brace                                      | 25. Anchor hook  |
| 10. Single longitudinal guardrail                      | 26. Cross brace  |
| 11. Double longitudinal guardrail                      | 27. Console (bracket) 0.32 m                                 |
| 12. Double side guardrail                              | 28. Console (bracket) 0.74 m                                 |
| 13. Top front guardrail frame                          | 29. Console support  |
| 14. Roof top front guardrail frame                     | 30. Protective canopy bracket                                |
| 15. Handrail post with deck guard, - "L-shaped", 1.0 m | 31. Securing device for the protective canopy decks          |
| 16. Handrail post with deck guard                      | 32. Tarpaulin post   |

# GENERAL WALL VIEW OF THE SIGMA 70P SCAFFOLDING



- |  |  |
|--|--|
| 1. Vertical frame                                      | 17. Roof guardrail post with deck guard, - "L-shaped", 2.0 m |
| 2. Vertical frame with double locks                    | 18. Longitudinal toe board                                   |
| 3. Levelling frame                                     | 19. Side toe board   |
| 4. Cornice frame                                       | 20. Timber sole board  |
| 5. Steel deck  | 21. Bottom bracing fixation                                  |
| 6. Timber deck   | 22. Adjustable steel screw jack                              |
| 7. Alu-plywood access deck                             | 23. Base transom   |
| 8. Infill deck for the console                         | 24. Transom  |
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| 13. Top front guardrail frame                          | 29. Console support  |
| 14. Roof top front guardrail frame                     | 30. Protective canopy bracket                                |
| 15. Handrail post with deck guard, - "L-shaped", 1.0 m | 31. Securing device for the protective canopy decks          |
| 16. Handrail post with deck guard                      | 32. Tarpaulin post   |

## FRAMES

### STANDARD VERTICAL FRAME

Frame axial width: 0.739 m; frame uprights made in the technology of tube end forming from tubes of S235JRH grade steel with a minimum yield strength of  $Re > 320 \text{ N/mm}^2$ . Diameter 48.3 mm, wall thickness 2.7 mm. Equipped with star bolts for mounting 2 decks with a width of 0.32 m or one deck with a width of 0.64 m. Ratchet locks with auto-lock function for the installation of guardrails and bracings and a pin for toe board installation.

Corrosion protection: hot-dip galvanizing

Catalogue No.	Dimensions	Weight (kg)
SIGP0200	2,0 m x 0,74 m	17,9



### STANDARD VERTICAL FRAME (with double locks)

Frame axial width: 0.739 m; frame uprights made in the technology of tube end forming from tubes of S235JRH grade steel with a minimum yield strength of  $Re > 320 \text{ N/mm}^2$ . Diameter 48.3 mm, wall thickness 2.7 mm. Equipped with star bolts for mounting 2 decks with a width of 0.32 m or one deck with a width of 0.64 m. Ratchet locks with auto-lock function for the installation of guardrails and bracings and a pin for toe board installation. Locks and pins are available on both sides of the frame. This allows the installation of guardrails and toe boards from the inside of the scaffolding.

Corrosion protection: hot-dip galvanizing

Catalogue No.	Dimensions	Weight (kg)
SIGP0205	2,0 m x 0,74 m	18,1



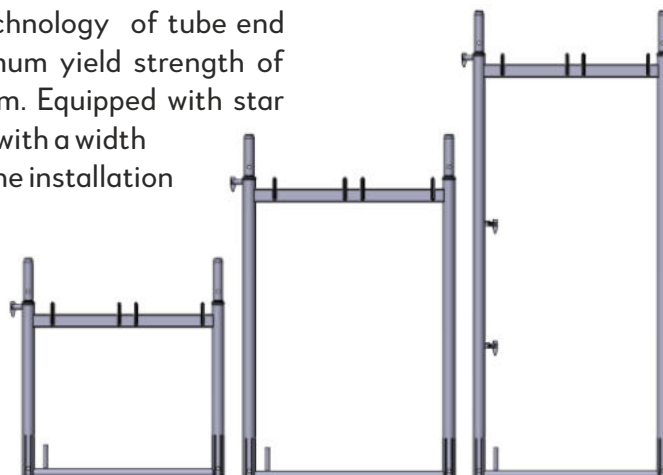
### STANDARD LEVELLING FRAME

Frame axial width: 0.739 m; frame uprights made in the technology of tube end forming from tubes of S235JRH grade steel with a minimum yield strength of  $Re > 320 \text{ N/mm}^2$ . Diameter 48.3 mm, wall thickness 2.7 mm. Equipped with star bolts for mounting 2 decks with a width of 0.32 m or one deck with a width of 0.64 m. It is used to level unevenness of the ground during the installation of the first level of scaffolding.

If the braces are mounted from the bottom of the levelling frames, a base transom placed under the frame should be used instead of the lower bracing fixation.

Corrosion protection: hot-dip galvanizing

Catalogue No.	Dimensions	Weight (kg)
SIGP0201	1,5 m x 0,74 m	14,9
SIGP0202	1,0 m x 0,74 m	11,4
SIGP0203	0,5 m x 0,74 m	8,2



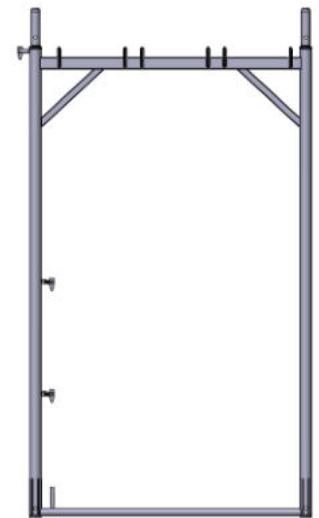


## WIDE VERTICAL FRAME

Frame width 1.065 m in the axes of the uprights, frame uprights made in the technology of tube end forming from tubes of S235JRH grade steel with a minimum yield strength of  $Re > 320 \text{ N/mm}^2$ . Diameter 48.3 mm, wall thickness 2.7 mm. Equipped with star bolts for mounting 3 working decks with a width of 0.32 m or one deck with a width of 0.64 m and one with a width of 0.32 m. Ratchet locks with auto-lock function for the installation of guardrails and bracings and a pin for toe board installation. Thanks to the larger width of the frame, working on the scaffolding is more comfortable. In addition, the larger width of the total surface of the deck allows more building materials to be stored on the scaffolding.

Corrosion protection: hot-dip galvanizing

Catalogue No.	Dimensions	Weight (kg)
SIGP0210	2,0 m x 1,10 m	20,8

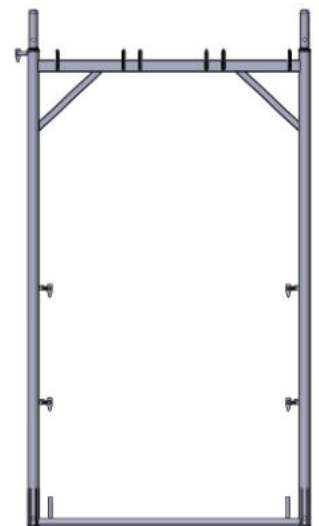


## WIDE VERTICAL FRAME (with double locks)

Frame width 1.065 m in the axes of the uprights, frame uprights made in the technology of tube end forming from tubes of S235JRH grade steel with a minimum yield strength of  $Re > 320 \text{ N/mm}^2$ . Diameter 48.3 mm, wall thickness 2.7 mm. Equipped with star bolts for the installation of 3 working decks with a width of 0.32 m or one deck with a width of 0.64 m and one with a width of 0.32 m. Ratchet locks with auto-lock function for the installation of guardrails and bracings, and pins for the installation of toe boards. Locks and pins are available on both sides of the frame. This allows the installation of guardrails and toe boards from the inside of the scaffolding.

Corrosion protection: hot-dip galvanizing

Catalogue No.	Dimensions	Weight (kg)
SIGP0208	2,0 m x 0,74 m	21,0



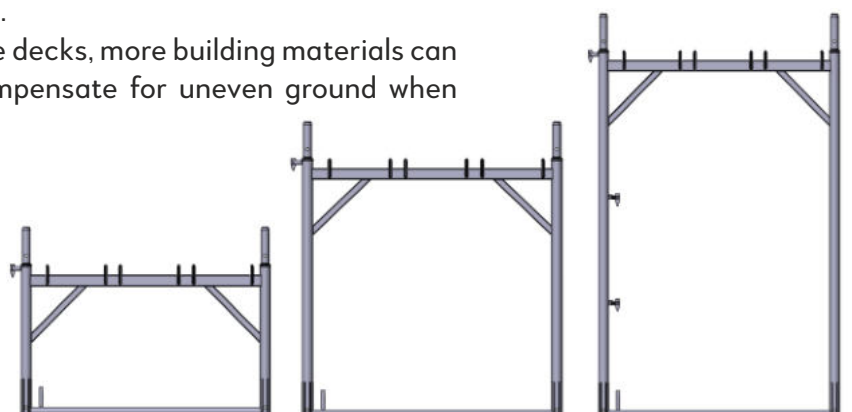
## WIDE LEVELLING FRAME

Frame width 1.065 m in the axes of the uprights, frame uprights made in the technology of tube end forming, made of tubes of S235JRH grade steel with a minimum yield strength of  $Re > 320 \text{ N/mm}^2$ . Diameter 48.3 mm, wall thickness 2.7 mm. Designed for the installation of 3 decks with a width of 0.32 m or one deck with a width of 0.64 m and one with a width of 0.32 m.

In addition, thanks to the larger total area of the decks, more building materials can be stored on the scaffolding. It is used to compensate for uneven ground when installing only the first level of scaffolding.

Corrosion protection: hot-dip galvanizing

Catalogue No.	Dimensions	Weight (kg)
SIGP0211	1,5 m x 1,10 m	18,3
SIGP0212	1,0 m x 1,10 m	14,9
SIGP0213	0,5 m x 1,10 m	11,7





## NARROW VERTICAL FRAME

Frame width 413 m in the axes of the uprights, frame uprights made in the technology of tube end forming from tubes of S235JRH grade steel with a minimum yield strength of  $Re > 320 \text{ N/mm}^2$ , diameter 48.3 mm, wall thickness 2.7 mm. Equipped with star bolts for mounting 1 0.32 m wide work deck, ratchet locks with auto-lock function for mounting guardrails and bracings, and a pin for mounting the toe board. It is used if the scaffolding is needed in locations where there is no space for a wider scaffolding, e.g. the distance between buildings is short, in working or elevator shafts or if it is not allowed to occupy the pavement with a wider frame.

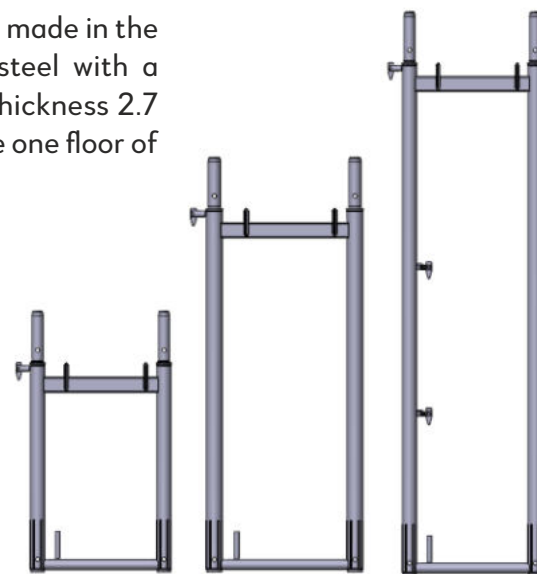


Corrosion protection: hot-dip galvanizing

Catalogue No.	Dimensions	Weight (kg)
SIGP0240	2,0 x 0,41 m	16,1

## NARROW LEVELLING FRAME

Frame with a width of 413 m in the axes of the uprights, frame uprights made in the technology of tube end forming from tubes of S235JRH grade steel with a minimum yield strength of  $Re > 320 \text{ N/mm}^2$ , diameter 48.3 mm, wall thickness 2.7 mm. It is used to compensate for uneven ground when installing only the one floor of scaffolding.

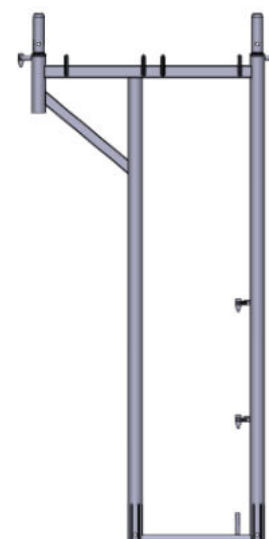


Corrosion protection: hot-dip galvanizing

Catalogue No.	Dimensions	Weight (kg)
SIGP0241	1,5 m x 0,41 m	13,5
SIGP0242	1,0 m x 0,41 m	10,0
SIGP0243	0,5 m x 0,41 m	6,8

## FRAME WITH EXTENSION BRACKET - 0.41/0.74 m

Frame with a width of 413 m in the axes of the uprights, frame uprights made in the technology of tube end forming from tubes of S460MH grade STEEL, diameter 48.3 mm, wall thickness 2.7 mm. It is used to switch from a 0.41 m to a 0.74 m wide scaffolding.



Corrosion protection: hot-dip galvanizing

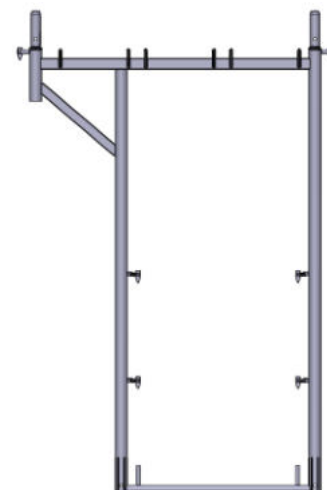
Catalogue No.	Dimensions	Weight (kg)
SIGP0224	2,0 x 0,41 x 0,74 m	18,5

## FRAME WITH EXTENSION BRACKET - 0.74/1.10 m

Frame uprights made in the technology of tube end forming from tubes of S460MH grade STEEL, diameter 48.3 mm, wall thickness 2.7 mm. It is mostly used at the top storey of scaffolding to widen the working area during roofing work and where it is necessary to switch from 0.74 m to 1.10 m wide scaffolding.

Corrosion protection: hot-dip galvanizing

Catalogue No.	Dimensions	Weight (kg)
SIGP0225	2,0 x 0,74 x 1,1 m	20,5

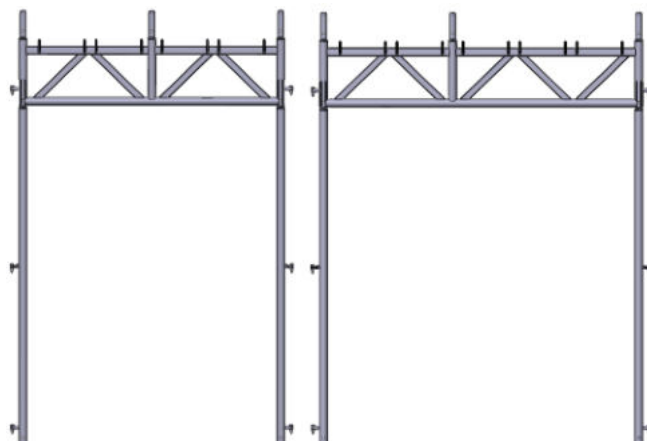


## GIRDER WALK-THROUGH FRAME (for pavements)

Frame uprights made of 48.3x2.9 mm tubes and lower girder transom made of 48.3x2.7 mm tube, of S460MH grade steel. Equipped with star bolts for mounting 4 or 5 decks with a width of 0.32 m, and ratchet locks with auto-lock function for mounting guardrails and braces.

Used as the base frame of scaffolding placed at the buildings located directly next to pedestrian passageways - pavements. Together with the protective canopy support and decks, it serves as a pavement cover – they allow to create a safe passage under the scaffolding for pedestrians.

Split-type frame for easier transport and storage. It consists of 3 parts: 1 frame girder and 2 uprights.



Corrosion protection: hot-dip galvanizing

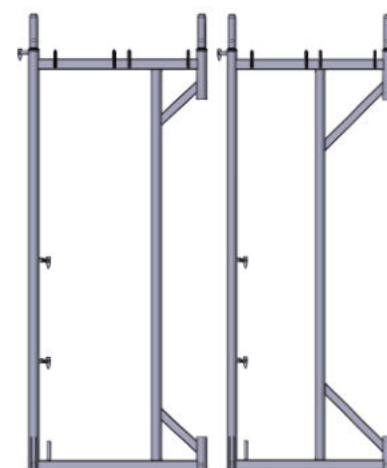
Catalogue No.	Dimensions	Weight (kg)
SIGP0215	2,4 m x 1,5 m	32,3*
SIGP0216	2,4 m x 1,8 m	35,5*

## STANDARD CORNICE FRAME

Frame upright made of steel tubes of S460MH grade, diameter 48.3 mm, wall thickness 2.7 mm. One frame stand made in tube end forming technology. It is used when it is necessary to bypass cornices or other obstacles protruding from the facade.

Corrosion protection: hot-dip galvanizing

Catalogue No.	Dimensions	Weight (kg)
SIGP0221	2,0 x 0,74 x 0,40 m	20,5
SIGP0220	2,0 x 0,74 x 0,59 m	19,9



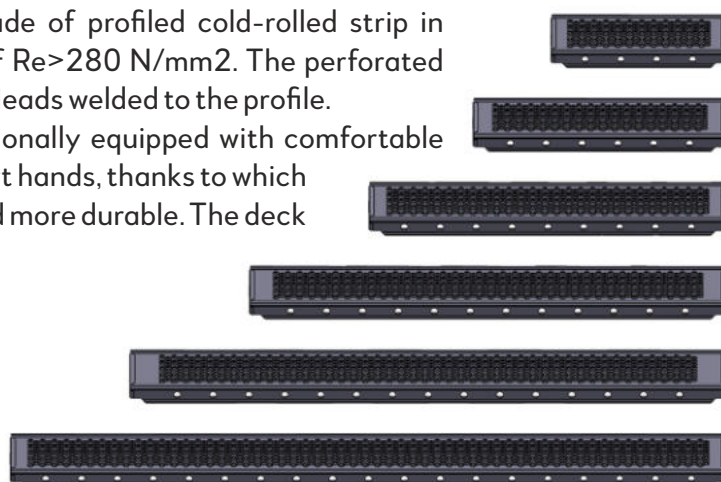
\* - to be carried and assembled by two persons

## WELDED STEEL DECKS

A light welded steel deck with a width of 0.32 m. Made of profiled cold-rolled strip in HC260LA grade steel with a minimum yield strength of  $Re > 280 \text{ N/mm}^2$ . The perforated surface increases its rigidity and protects from slipping. Heads welded to the profile. The deck with a length of 3.0 m, 2.5 m, 2.0 m is additionally equipped with comfortable mounting brackets made of an oval tube, which do not hurt hands, thanks to which the deck is easier to assemble and disassemble, stiffer and more durable. The deck serves as a horizontal stiffening of the scaffolding.

Zabezpieczenie antykorozyjne: cynkowanie ogniowe.

Catalogue No.	Dimensions	Weight (kg)
SIGP3405	0,7 m x 0,32 m	5,3
SIGP3404	1,1 m x 0,32 m	6,5
SIGP3403	1,5 m x 0,32 m	9,9
SIGP3402	2,0 m x 0,32 m	12,6
SIGP3401	2,5 m x 0,32 m	16,5
SIGP3400	3,0 m x 0,32 m	19,6

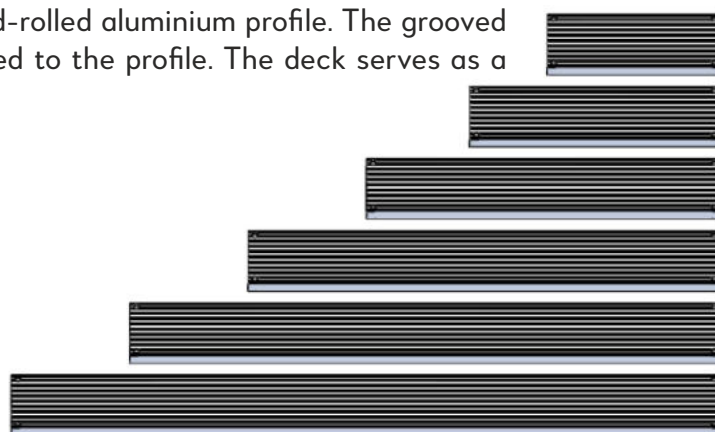


## ALUMINIUM DECKS

A super light 0.32 m wide aluminium deck made of cold-rolled aluminium profile. The grooved surface protects against slipping. Platform heads riveted to the profile. The deck serves as a horizontal stiffening of the scaffolding.

Corrosion protection: aluminium

Catalogue No.	Dimensions	Weight (kg)
SIGP3505	0,7 m x 0,32 m	4,5
SIGP3504	1,1 m x 0,32 m	5,9
SIGP3503	1,5 m x 0,32 m	7,8
SIGP3502	2,0 m x 0,32 m	9,7
SIGP3501	2,5 m x 0,32 m	11,7
SIGP3500	3,0 m x 0,32 m	15,5



## TIMBER DECKS

Platform with a width of 0.32 m and a thickness of 48 mm, made of 3 or 4 softwood lamellas, finger-jointed with D4 class waterproof hot glue. The edges of the deck are chamfered.

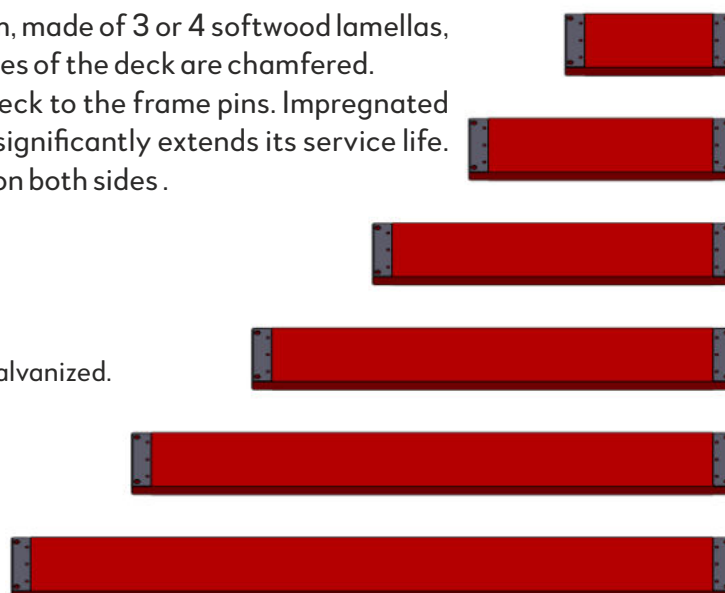
Equipped with steel fittings that are used to attach the deck to the frame pins. Impregnated with immersion waterproof acrylic impregnation, which significantly extends its service life.

Thanks to the symmetry, it is possible to mount the deck on both sides.

The decks are a horizontal stiffening of the scaffolding.

Corrosion protection: acrylic impregnation; fittings hot dip galvanized.

Catalogue No.	Dimensions	Weight (kg)
SIGP3305	0,7 m x 0,32 m	6,6
SIGP3304	1,1 m x 0,32 m	8,7
SIGP3303	1,5 m x 0,32 m	11,7
SIGP3302	2,0 m x 0,32 m	16,2
SIGP3301	2,5 m x 0,32 m	18,3
SIGP3300	3,0 m x 0,32 m	20,7

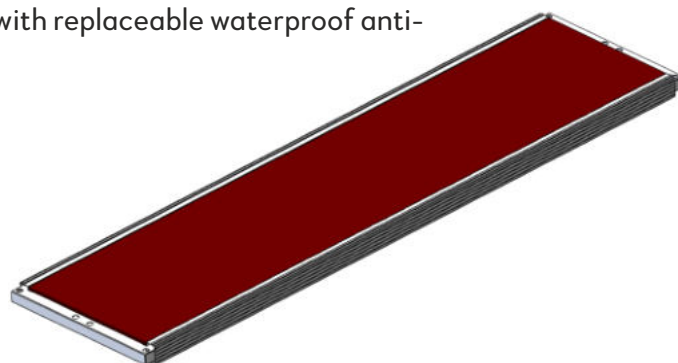


## ALUMINUM-PLYWOOD DECK

A working deck with a width of 0.64 m. Aluminum structure with replaceable waterproof anti-slip plywood plank.

Corrosion protection: aluminum

Catalogue No.	Dimensions	Weight (kg)
SIGP0305	0,7 m x 0,64 m	5,4
SIGP0304	1,1 m x 0,64 m	7,8
SIGP0303	1,5 m x 0,64 m	10,2
SIGP0302	2,0 m x 0,64 m	13,2
SIGP0301	2,5 m x 0,64 m	16,2
SIGP0300	3,0 m x 0,64 m	19

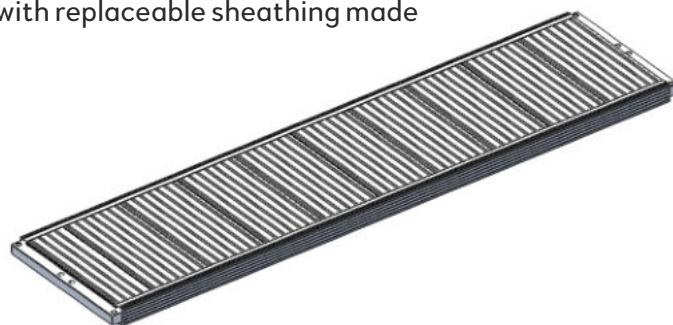


## ALUMINIUM DECK

A working deck with a width of 0.64 m. Aluminium structure with replaceable sheathing made of aluminium profiles.

Corrosion protection: aluminum.

Catalogue No.	Dimensions	Weight (kg)
SIGP0315	0,7 m x 0,64 m	5,3
SIGP0314	1,1 m x 0,64 m	7,4
SIGP0313	1,5 m x 0,64 m	9,5
SIGP0312	2,0 m x 0,64 m	12,2
SIGP0311	2,5 m x 0,64 m	14,9
SIGP0310	3,0 m x 0,64 m	17,6



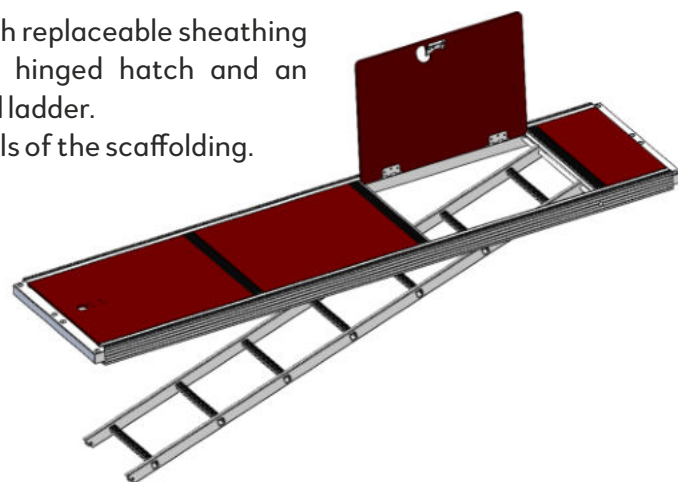
## ALU-PLYWOOD ACCESS DECK WITH A LADDER

Access deck with a width of 0.64 m. Aluminium structure with replaceable sheathing made of waterproof anti-slip plywood. Equipped with a hinged hatch and an integrated aluminium ladder. 2.0 m long deck with suspended ladder.

It is used to ensure safe communication between various levels of the scaffolding.

Corrosion protection: aluminum.

Catalogue No.	Dimensions	Weight (kg)
SIGP0402	2,0 m x 0,64 m	16,2
SIGP0401	2,5 m x 0,64 m	19,2
SIGP0400	3,0 m x 0,64 m	22,0

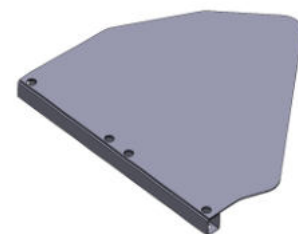


## CORNER DECK

Made of 45x45x2 mm steel profile and 4/6 mm checker plate. Used when it is necessary to bend the scaffolding line up to 50°.

Corrosion protection: hot-dip galvanizing

Catalogue No.	Dimensions	Weight (kg)
SIGP3490	0,74 m	12,8



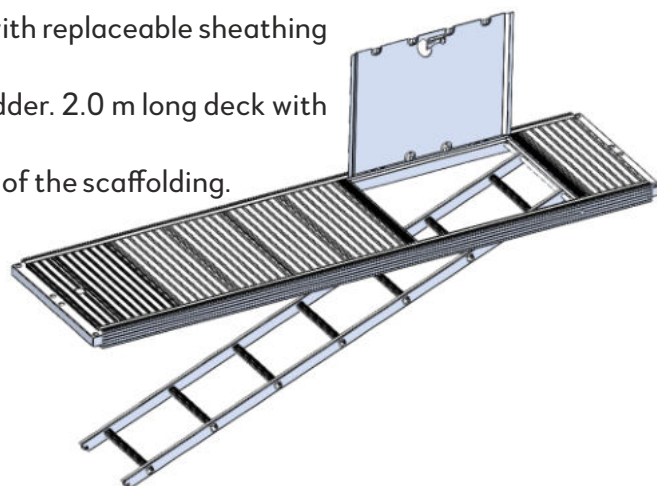


## ALUMINUM-PLYWOOD ACCESS DECK

Access deck with a width of 0.64 m. Aluminium construction with replaceable sheathing made of corrugated aluminium sheet.

Equipped with a hinged hatch and an integrated aluminium ladder. 2.0 m long deck with suspended ladder.

It is used to ensure safe communication between various levels of the scaffolding.



Corrosion protection: aluminum.

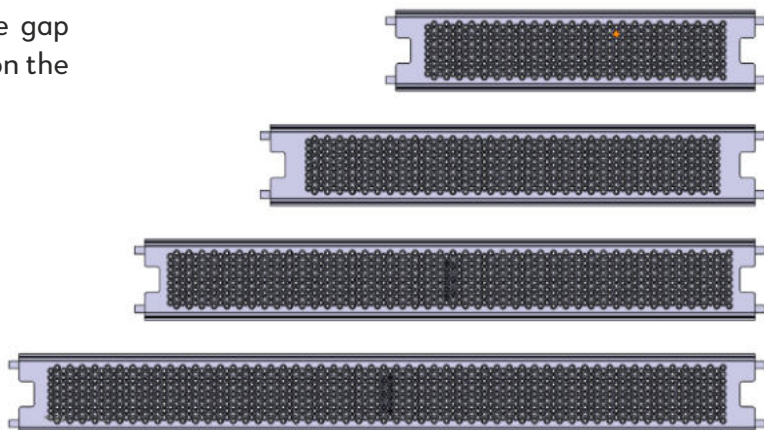
Catalogue No.	Dimensions	Weight (kg)
SIGP0452	2,0 m x 0,64 m	15,2
SIGP0451	2,5 m x 0,64 m	17,9
SIGP0450	3,0 m x 0,64 m	20,6

## STEEL INFILL DECKS for 0.74 and 1.10 m consoles

Made of perforated deck sheet. It is used to fill the gap between the decks laid on the frames and the decks on the consoles 0.74 and 1.10 m.

Corrosion protection: hot-dip galvanizing

Catalogue No.	Dimensions	Weight (kg)
SIGP3603	1,5 m x 0,3 m	5,0
SIGP3602	2,0 m x 0,3 m	6,3
SIGP3601	2,5 m x 0,3 m	8,3
SIGP3600	3,0 m x 0,3 m	9,8



## TIMBER DECKS FOR CONSOLE 0.15 m

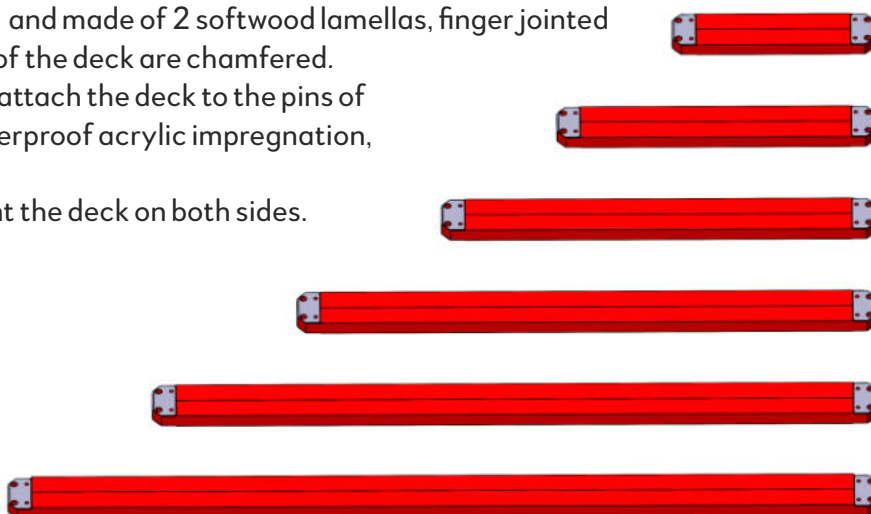
The deck is 0.15 m wide and 48/60 mm thick, and made of 2 softwood lamellas, finger jointed with D4 class waterproof hot glue. The edges of the deck are chamfered.

Equipped with steel fittings, which are used to attach the deck to the pins of the console. Impregnated with immersion waterproof acrylic impregnation, which significantly extends its service life.

Thanks to the symmetry, it is possible to mount the deck on both sides.

Corrosion protection: acrylic impregnation; fittings hot dip galvanized.

Catalogue No.	Dimensions	Weight (kg)
SIGP3315	0,7 m x 0,15 m	3,4
SIGP3314	1,1 m x 0,15 m	4,5
SIGP3313	1,5 m x 0,15 m	6,0
SIGP3312	2,0 m x 0,15 m	8,2
SIGP3311	2,5 m x 0,15 m	9,3
SIGP3310	3,0 m x 0,15 m	10,5

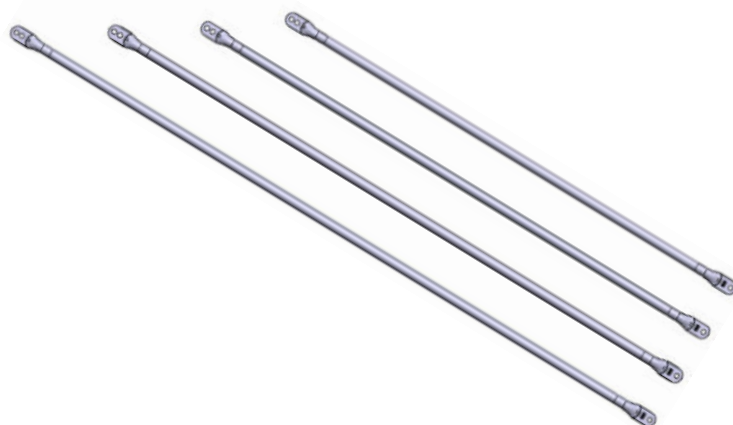


## VERTICAL (DIAGONAL) BRACES

Made of steel tube with a diameter of 48.3 mm and a thickness of 2.0 mm.

Equipped with holes designed for attaching the ratchet locks of the frames.

Necessary for stiffening vertical axis of the scaffolding.

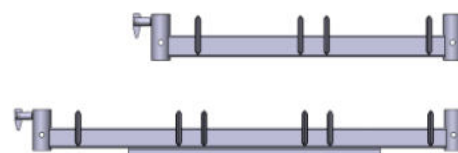


Corrosion protection: hot-dip galvanizing

Catalogue No.	Dimensions	Weight (kg)
SIGP0503	150/200 - 2,5 m	5,7
SIGP0502	200/200 - 2,8 m	6,5
SIGP0501	250/200 - 3,2 m	7,2
SIGP0500	300/200 - 3,6 m	8,1

## BASE DECK TRANSOM (PUTLOG)

A steel element equipped with a ratchet lock and star bolts. It is used to fix braces and decks or stairs at the level of the steel screw jacks (between the nut of the jack and the upright).



Corrosion protection: hot-dip galvanizing

Catalogue No.	Dimensions	Weight (kg)
SIGP1220	0,74 m	3,2
SIGP1221	1,10 m	4,5

## BASE TRANSOM

A steel element equipped with a ratchet lock. It is used to fix braces at the lowest level of the scaffolding (between the jack nut and the upright).



Corrosion protection: hot-dip galvanizing

Catalogue No.	Dimensions	Weight (kg)
SIGP0511	0,74 m	2,4
SIGP0512	1,10 m	2,8

## BOTTOM BRACE TIE

A steel element, equipped with a ratchet lock with auto-lock function for fixing braces at the lowest level of the scaffolding (between the jack nut and the upright).



Corrosion protection: hot-dip galvanizing

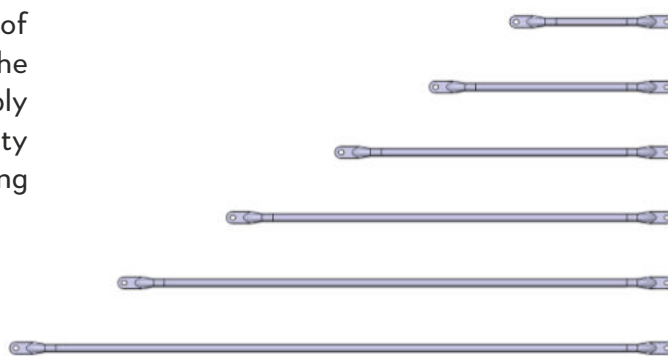
Catalogue No.	Dimensions	Weight (kg)
SIGP0510	---	0,5

## SINGLE LONGITUDINAL GUARDRAIL

Made of steel tube with a diameter of 38 mm and a thickness of 1.8 mm. Flattened at the ends, with holes for fastening on the ratchet locks of the frames and guardrail posts. Quick assembly without the need for tools. An essential health and safety element as it serves as a longitudinal protection against falling out of the scaffolding.

Corrosion protection: hot-dip galvanizing

Catalogue No.	Dimensions	Weight (kg)
SIGP0605	0,7 m	1,4
SIGP0604	1,1 m	2,0
SIGP0603	1,5 m	2,6
SIGP0602	2,0 m	3,3
SIGP0601	2,5 m	4,1
SIGP0600	3,0 m	4,9

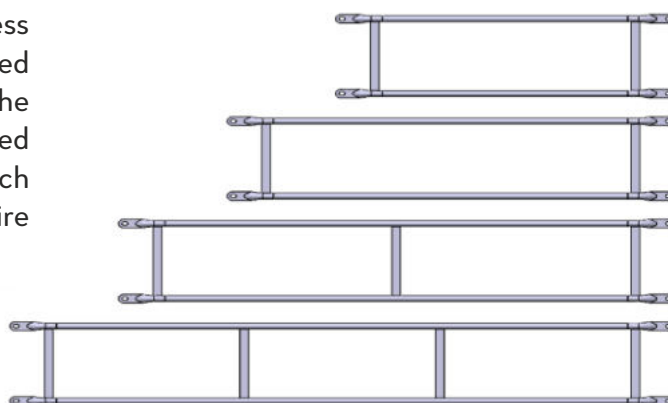


## DOUBLE LONGITUDINAL GUARDRAIL

Made of steel tubes with a diameter of 38 mm and a thickness of 1.8 mm, and 40x20x2 mm profiles. The guardrail is flattened at the ends, with holes for attaching to the ratchet locks of the frames and guardrail posts. Quick assembly without the need for tools. It protects workers working on the scaffolding much better from falling out and additionally stiffens the entire scaffolding structure.

Corrosion protection: hot-dip galvanizing

Catalogue No.	Dimensions	Weight (kg)
SIGP0613	1,5 m	6,6
SIGP0612	2,0 m	8,2
SIGP0611	2,5 m	10,7
SIGP0610	3,0 m	13

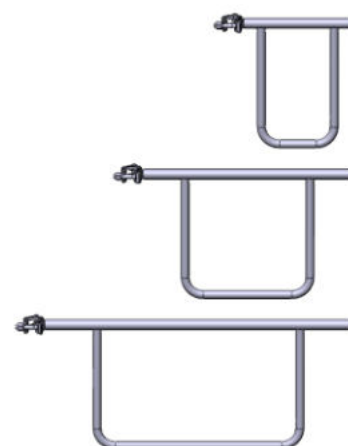


## DOUBLE SIDE GUARDRAIL

Made of 33.7x2.25mm and 26.9x2mm steel tubes and half-connectors. The double side handrail is used to protect the upfront working area - it closes the front side of the scaffolding. Fastening to the frame by means of a half-connector.

Corrosion protection: hot-dip galvanizing

Catalogue No.	Dimensions	Weight (kg)
SIGU0503	0,41 m	2,9
SIGU0500	0,74 m	3,4
SIGU0505	1,1 m	4,1

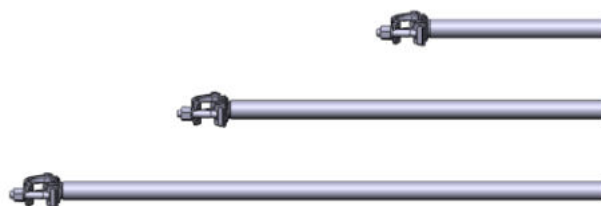


## SINGLE SIDE GUARDRAIL

Made of 33.7x2.25mm steel tube and half-connector. A single side guardrail is used to protect the front surface of the working area - it closes the front side of the scaffolding. Mocowanie przy pomocy pół-złącza do ramy.

Corrosion protection: hot-dip galvanizing

Catalogue No.	Dimensions	Weight (kg)
SIGU0513	0,41 m	1,5
SIGU0510	0,74 m	2,0
SIGU0515	1,1 m	2,9

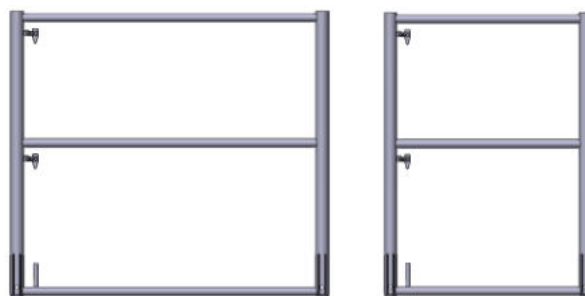


## GUARDRAIL FRONT FRAME

The frame is 0.74 m or 1.10 m wide, made of 48.3 mm diameter tubes with a wall thickness of 2.7 mm. Equipped with ratchet locks with auto-lock function for mounting guardrails, a pin for mounting the toe board and integrated face guardrails. Used to protect the front surface and the deck at the top storey of the scaffolding.

Corrosion protection: hot-dip galvanizing

Catalogue No.	Dimensions	Weight (kg)
SIGP1000	1.0 m x 0,74 m	11,0
SIGP1020	1.0 m x 1,10 m	14,1

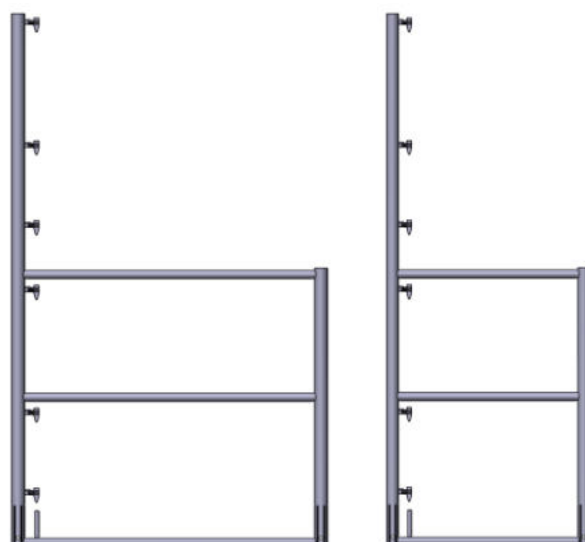


## ROOFER'S FRONT HANDRAIL FRAME

The frame is 0.74 m or 1.10 m wide, made of 48.3 mm diameter tubes with a wall thickness of 2.7 mm. Equipped with ratchet locks with auto-lock function for mounting guardrails, a pin for mounting the toe board and integrated face handrails. Equipped with integrated front guardrails. Used to protect the front surface and the deck at the top storey of the scaffolding.

Corrosion protection: hot-dip galvanizing

Catalogue No.	Dimensions	Weight (kg)
SIGP1030	2,0 m x 0,74 m	14,2
SIGP1040	2,0 m x 1,10 m	17,3



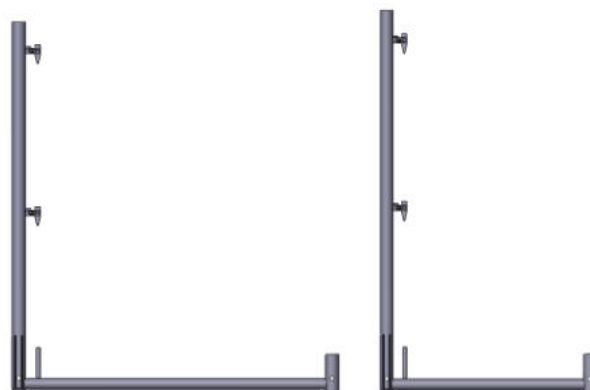


## HANDRAIL POST WITH DECK PROTECTION, "L-SHAPED"

A post with a width of 0.74 m or 1.10 m, made of steel pipe with a diameter of 48.3 mm and a thickness of 2.7 mm. Equipped with ratchet locks for attaching guardrails and roofing nets and a pin for mounting the toe board. Together with guardrails, it is used to secure the top storey of the scaffolding.

Corrosion protection: hot-dip galvanizing

Catalogue No.	Dimensions	Weight (kg)
SIGP0900	1,0 m x 0,74 m	5,6
SIGP0920	1,0 m x 1,10 m	5,8

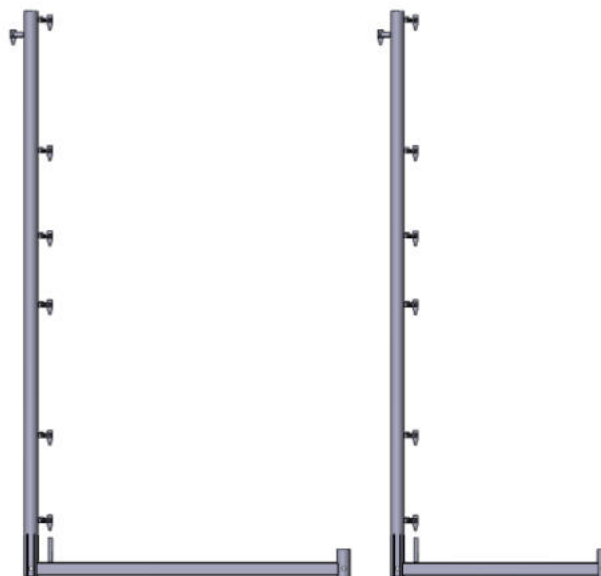


## ROOFER'S HANDRAIL POST WITH DECK PROTECTION, "L-SHAPED"

The post is 0.74 m or 1.10 m wide and 2.0 m high, made of S460MH steel pipe with a diameter of 48.3 mm and a thickness of 2.7 mm and from a 50x35x2 mm profile. Equipped with ratchet locks for attaching guardrails and roofing nets and a pin for mounting the toe board. Together with guardrails and nets, it is used to protect the top storey of scaffolding from falling out during roofing works.

Corrosion protection: hot-dip galvanizing

Catalogue No.	Dimensions	Weight (kg)
SIGP0901	2,0 m x 0,74 m	9,3
SIGP0921	2,0 m x 1,10 m	10,4



## GUARDRAIL POST WITHOUT DECK PROTECTION (with toe board fix pin)

The post is 1.0 m high, made of steel tube with a diameter of 48.3 mm and a thickness of 2.7 mm. Equipped with ratchet locks for attaching the guardrail and a pin for mounting the toe board. Used to protect against falling out when using a 0.32 m console with a connector.

Corrosion protection: hot-dip galvanizing

Catalogue No.	Dimensions	Weight (kg)
SIGP0902	1,0 m	3,8



## SIDE PROTECTION ELEMENTS

### HANDRAIL POST WITHOUT DECK PROTECTION (without toe board fix pin)

The post is 1.0 m high, made of steel tube with a diameter of 48.3 mm and a thickness of 2.7 mm. Equipped with ratchet locks for attaching the guardrails. Used when it is necessary to protect against falling out when using a 0.32 m console with a connector.

Corrosion protection: hot-dip galvanizing

Catalogue No.	Dimensions	Weight (kg)
SIGP0907	1,0 m	3,6



### LONGITUDINAL AND SIDE (FRONT) TOE BOARDS

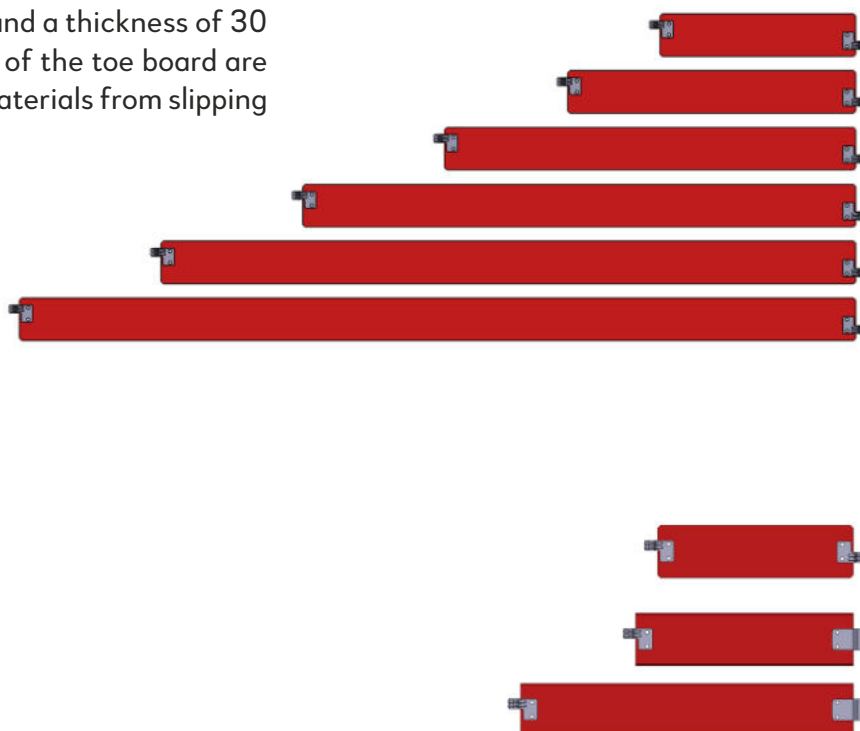
Wooden toe boards with a height of 150 mm and a thickness of 30 mm. Immersed, made of softwood. The edges of the toe board are chamfered. It prevents the tools or building materials from slipping from the scaffolding deck.

Corrosion protection: acrylic impregnation; fittings - hot-dip galvanized.

Catalogue No.	Dimensions	Weight (kg)
SIGP1105	0,74 m	1,6
SIGP1104	1,10 m	2,0
SIGP1103	1,5 m	2,95
SIGP1102	2,0 m	4,25
SIGP1101	2,5 m	4,9
SIGP1100	3,0 m	5,6

krawężnik boczne:

SIGP1112	0,66 m	1,3
SIGP1110	0,74 m	1,4
SIGP1111	1,10 m	2,0

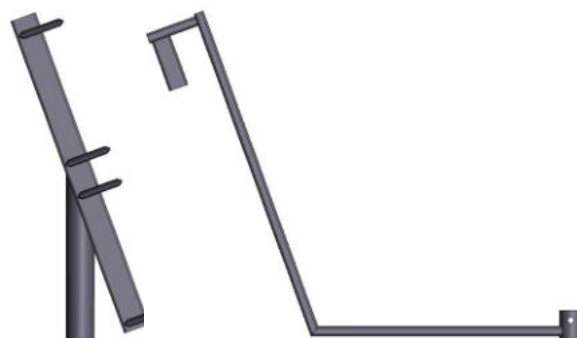


### PROTECTIVE CANOPY BRACKET / DECK PROTECTION BRACKET

The bracket is made of 50x35x2 mm profile. Equipped with star pins for attaching two wooden or steel decks. Together with the 0.74 m console, it is used to protect pedestrian paths against objects falling from the scaffolding. Platform protection made of 40x20x2mm profiles.

Corrosion protection: hot-dip galvanizing

Catalogue No.	Dimensions	Weight (kg)
SIGP1410	0,64 m	3,6
SIGP1411	0,64 x 0,74 m	2,8



## TIMBER SOLE BOARDS

Made of softwood, necessary for seating the scaffolding. Thanks to the sole boards, the weight of the scaffolding is distributed over a larger area.

Corrosion protection: acrylic impregnation.

Catalogue No.	Dimensions	Weight (kg)
SIGUD001	320 x 320x50 mm	1,8
SIGUD002	1100x250x50 mm	5,3
SIGUD003	1400x250x50 mm	6,7

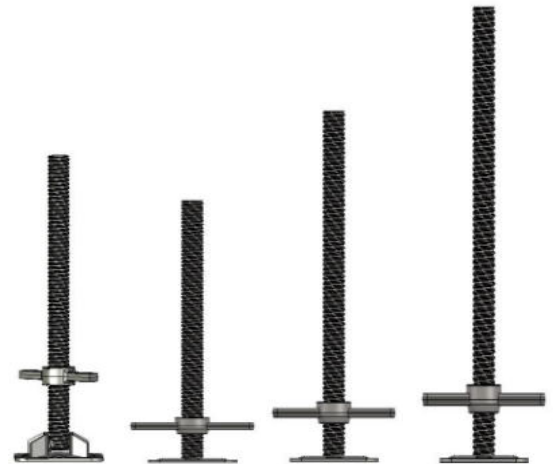


## ADJUSTABLE STEEL SCREW JACKS

The stand is made of 5 mm thick steel plate, 38 mm diameter extruded threaded steel rod with 4 mm wall thickness and a ring nut with a socket for the frame tube. The base sheet is embossed for reinforcement and has holes for optional mounting of the castor set. Necessary to set up and level the first storey of the scaffolding. The screw jack has a protection against excessive unscrewing of the ring nut.

Corrosion protection: hot-dip galvanizing

Catalogue No.	Dimensions	Weight (kg)
SIGU0302	400 mm	2,75
SIGU0301	600 mm	3,4
SIGU0300	800 mm	4
SIGU0319	500 mm - Uchylna	3,6

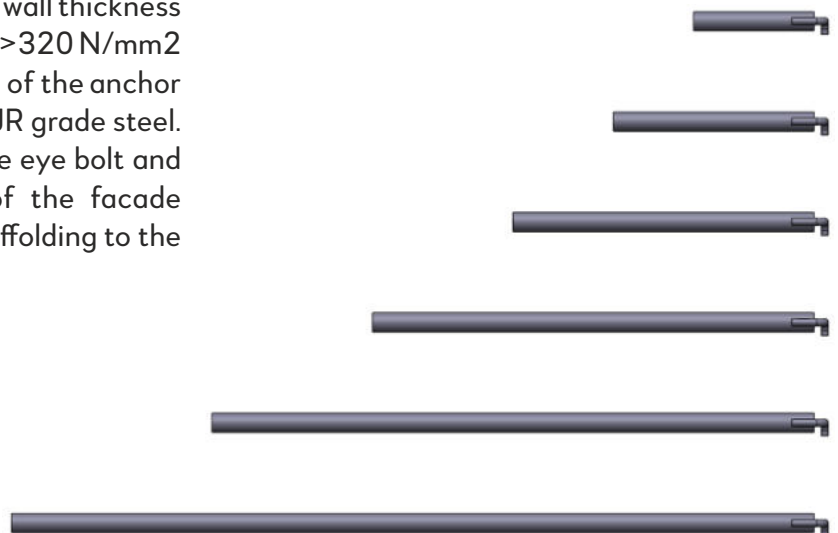


## ANCHORING CONNECTOR WITH ROD HOOK (ANCHOR)

Made of a tube with a diameter of 48.3 mm and a wall thickness of 2.7 mm made of S235JRH grade steel with  $Re > 320 \text{ N/mm}^2$  or S460MH grade steel depending on the length of the anchor and a hook made of  $\phi 18 \text{ mm}$  round bar in S235JR grade steel. Together with the cross coupling(s) as well as the eye bolt and wall plug, it is an essential safety element of the facade scaffolding structure. It is used to anchor the scaffolding to the wall of the building.

Corrosion protection: hot-dip galvanizing

Catalogue No.	Dimensions	Weight (kg)
SIGU0203	0,3 m	1,4
SIGU0205	0,5 m	1,9
SIGU0207	0,7 m	2,5
SIGU0210	1,0 m	3,3
SIGU0215	1,5 m	4,9
SIGU0220	2,0 m	6,5

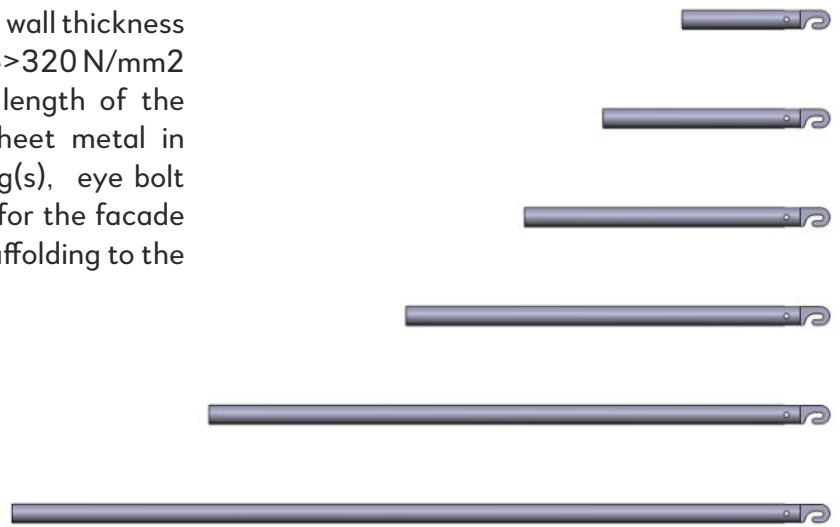


## ANCHORING CONNECTOR WITH FLAT HOOK (ANCHOR)

Made of a pipe with a diameter of 48.3 mm and a wall thickness of 2.7 mm made of S235JRH grade steel with  $Re > 320 \text{ N/mm}^2$  or S460MH grade steel – depending on the length of the anchor and a hook made of 12 mm thick sheet metal in S355J2 grade. Together with the cross coupling(s), eye bolt and wall plug, it is an essential safety element for the facade scaffolding structure. It is used to anchor the scaffolding to the wall of the building.

Corrosion protection: hot-dip galvanizing

Catalogue No.	Dimensions	Weight (kg)
SIGU0203HP	0,3 m	1,4
SIGU0205HP	0,5 m	1,9
SIGU0207HP	0,7 m	2,5
SIGU0210HP	1,0 m	3,3
SIGU0215HP	1,5 m	4,9
SIGU0220HP	2,0 m	6,5



## CROSS COUPLING

Die-forged coupling, manufactured according to DIN EN 74-B, hot-dip or electro-galvanized, with T-bolts and flange nuts for 19/22 mm spanner. It is used to connect the scaffolding tubes at a 90-degree angle; together with the anchor connector, eye bolt and wall plug, it is an essential element of anchoring the scaffolding to the building.

Corrosion protection: hot dip/electro-galvanizing

Catalogue No.	Dimensions	Weight (kg)
SIGU0100	48,3 x 48,3 mm	1,25

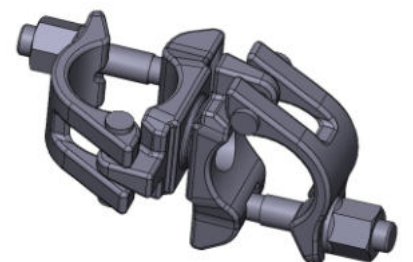


## SWIVEL COUPLING

Die-forged coupling, made according to DIN EN 74-B, hot-dip or electro-galvanized, with 19/22 mm spanner flange nuts. It is used to connect the scaffolding tubes at any angle.

Corrosion protection: hot dip/electro-galvanizing

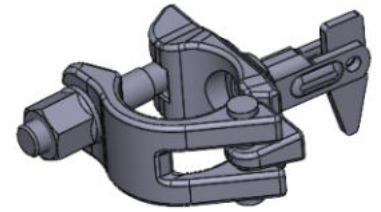
Catalogue No.	Dimensions	Weight (kg)
SIGU0101	48,3 x 48,3 mm	1,36





## HANDRAIL COUPLING

Die-forged coupling, made according to DIN EN 74-B, hot-dip or electro-galvanized, with 19/22 mm wrenched flange nuts, equipped with a ratchet lock for fastening the guardrails. It is used to attach additional guardrails.



Zabezpieczenie antykorozyjne: cynkowanie ogniowe/galwaniczne.

Catalogue No.	Dimensions	Weight (kg)
SIGU0102	48,3 mm	0,8

## TOE BOARD COUPLING

Die-forged coupling, made according to DIN EN 74-B, hot-dip or galvanized, with 19/22 mm spanner flange nuts, equipped with a pin for fastening toe boards.



Corrosion protection: hot dip/electro-galvanizing

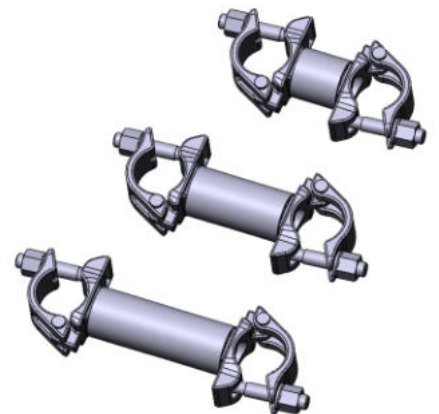
Catalogue No.	Dimensions	Weight (kg)
SIGU0103	48,3 mm	1

## SPACER/PARALLEL COUPLER

Made of two half-connector with a tube section of 48.3x2.7 mm. It is used, for example, to connect facade scaffolding frames and stairway frames, or to connect two different frame/facade frame systems.

Corrosion protection: hot-dip galvanizing

Catalogue No.	Dimensions	Weight (kg)
SIGU0110	48 x 113 mm	1,5
SIGU0111	48 x 160 mm	1,7
SIGU0112	48 x 200 mm	1,9



## LONGITUDINAL COUPLER

Die-forged coupling, made according to DIN EN 74-B, hot-dip galvanized or galvanized, with 19/22 mm spanner flange nuts. It is used for longitudinal connection of tubes with a diameter of 48.3 mm.



Corrosion protection: hot dip/electro-galvanized

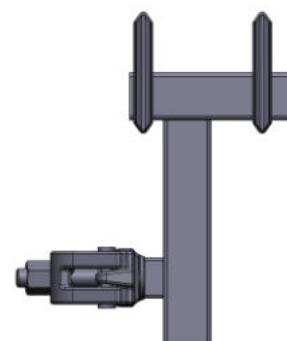
Catalogue No.	Dimensions	Weight (kg)
SIGU0120	48,3 x 48,3 mm	1,4

## CONSOLE 0.15 m

Made of 35x35x2 mm profiles. Equipped with one half-connector for attaching the element to the scaffolding supporting frame, and star bolts for attaching decks. It is used to extend the scaffolding from the wall side by one deck with a width of 0.15 m. Thanks to the use of a 0.15 m bracket with 0.15 m decks, the need to use guardrails and internal sides is avoided when insulating with thick polystyrene or wool.

Corrosion protection: hot-dip galvanizing

Catalogue No.	Dimensions	Weight (kg)
SIGP1506	0.15 m	1.8

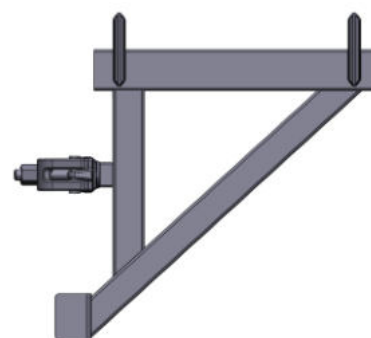


## CONSOLE 0.32 m (without connector)

Made of 50x35x2 mm and 35x35x2 mm profiles. Equipped with one half-connector for attaching the element to the scaffolding support frame, star bolts for attaching one deck. Used to extend the scaffolding from the wall side by one deck with a width of 0.32 m.

Corrosion protection: hot-dip galvanizing

Catalogue No.	Dimensions	Weight (kg)
SIGP1511	0.32 m	3.3

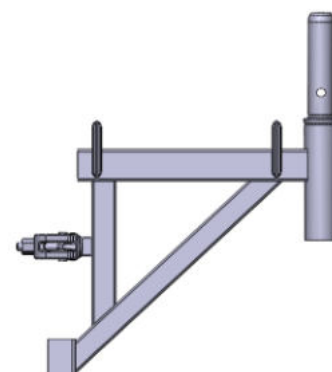


## CONSOLE 0.32 m (with connector)

Made of 50x35x2 mm and 35x35x2 mm profiles. Equipped with one half-connector for attaching the element to the scaffolding support frame, star bolts for attaching two 0.32 m wide decks and a connector for attaching the guardrail post. Used to extend the scaffolding by one deck with a width of 0.32 m. It has a connector for the installation of a guardrail post.

Corrosion protection: hot-dip galvanizing

Catalogue No.	Dimensions	Weight (kg)
SIGP1501	0.32 m	4.4

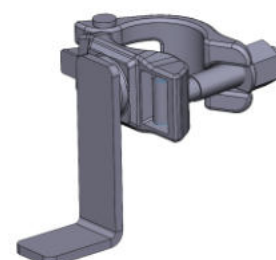


## SECURITY DEVICE FOR CONSOLE DECKS 0.15/0.32 m

Made of half-connector and 40x5 mm angle. It is used to protect single decks laid on 0.15 m and 0.32 m consoles against being lifted by the wind.

Corrosion protection: hot-dip galvanizing

Catalogue No.	Dimensions	Weight (kg)
SIGU1530	---	1.0



## CONSOLE 0.50 m

Made of 40x30x2 mm profiles. Equipped with one half-connector for attachment to the scaffolding support frame. It is used to extend or shorten the scaffolding area by 0.5 m along the length of the scaffolding if it is necessary to bypass e.g. balconies or other protruding elements of the building.

Corrosion protection: hot-dip galvanizing

Catalogue No.	Dimensions	Weight (kg)
SIGP1505	0,5 m	4,8

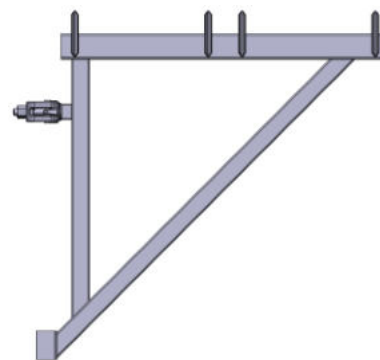


## CONSOLE 0.64 m (without connector)

Made of 50x35x2 mm and 35x35x2 mm profiles. Equipped with one half-connector for attaching the element to the scaffolding supporting frame and star bolts for attaching decks. Used to extend the scaffolding inwards by two wooden/steel decks with a width of 0.32 m or one with a width of 0.64 m.

Corrosion protection: hot-dip galvanizing

Catalogue No.	Dimensions	Weight (kg)
SIGP1512	0,64 m	7,1

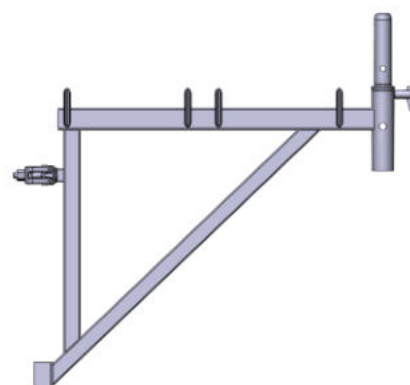


## CONSOLE 0.64 m (with connector)

Made of 50x35x2 mm and 35x35x2 mm profiles. Equipped with one half-connector for attaching the element to the scaffolding supporting frame and star bolts for attaching decks. Used to extend the scaffolding outside by two wooden/steel decks with a width of 0.32 m or one with a width of 0.64 m. It has a connector for mounting a guardrail post or a safety canopy.

Corrosion protection: hot-dip galvanizing

Catalogue No.	Dimensions	Weight (kg)
SIGP1502	0,64 m	8,2



## GIRDER FRAME/CONSOLE DECK PROTECTION 0.64 m

Made of semi-joint and 40x5mm angle plate. Used to protect double decks laid on 0.64 m consoles and on a girder frame (pavement) against being lifted up by wind.

Corrosion protection: hot-dip galvanizing

Catalogue No.	Dimensions	Weight (kg)
SIGP1531	0,45 m	1,8



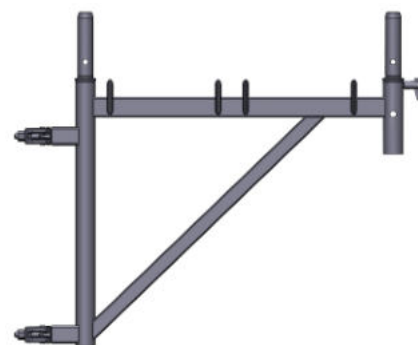
## CONSOLE 0.74 m

Made of 50x35x2mm and 35x35x2 mm profiles and 48.3x2.7 mm tubes. Equipped with two half-connectors for attaching the element to the supporting frame of the scaffolding, star bolts for attaching two 0.32 m wide decks or one 0.64 m wide deck, connectors for attaching a guardrail frame, end or regular, and a special dowel for mounting the console support. Used to extend the scaffolding outside by 2 wooden/steel decks with a width of 0.32 m or one with a width of 0.64 m.

Together with the console support, it is also used to move the scaffolding axis.

Corrosion protection: hot-dip galvanizing

Catalogue No.	Dimensions	Weight (kg)
SIGP1500	0,74 m	9,9

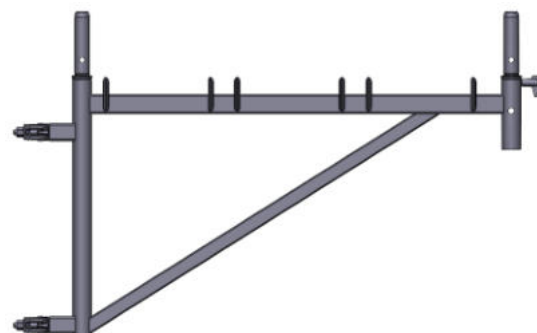


## CONSOLE 1.10 m

Made of 50x35x2 mm and 35x35x2 mm profiles and 48.3x2.7 tubes mm. Equipped with two half-connectors for attaching the element to the scaffolding support frame and star pins for attaching the decks. Used to extend the scaffolding outside by 3 wooden/steel decks with a width of 0.32 m. It has a connector for mounting the guardrail post and a special dowel for attaching the console support. Together with the console support, it is also used to move the scaffolding axis.

Corrosion protection: hot-dip galvanizing

Catalogue No.	Dimensions	Weight (kg)
SIGP1503	0,32 m	11,3



## CONSOLE SUPPORT 0.74 m, 1.10 m

Made of 48.3x2.7 mm tube with  $Re > 320N/mm^2$ .

Equipped with one half-connector for attachment to the scaffolding support frame and a special sheet for hanging on the console peg for easy installation. Used to reinforce decks mounted on 0.50 m, 0.74 m, 1.10 m consoles.

Corrosion protection: hot-dip galvanizing

Catalogue No.	Dimensions	Weight (kg)
SIGP1400	2,0 x 0,74 m	7,6
SIGP1401	2,0 x 1,10 m	8,1

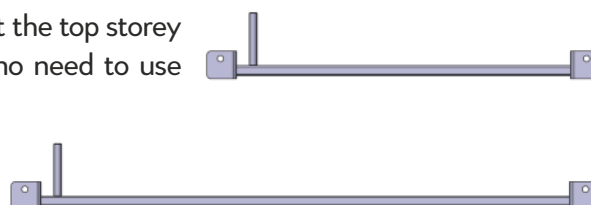


## UPPER SAFETY DEVICE FOR CONSOLE DECKS 0.74/1.1 m

Made of 33.7x2.25 mm and 57x2.7 mm tubes. Used to secure decks at the top storey of the scaffolding extended by 0.74 / 1.1 m consoles when there is no need to use guardrail posts on the wall side.

Corrosion protection: hot-dip galvanizing

Catalogue No.	Dimensions	Weight (kg)
SIGP1530	0,74 m	1,9
SIGP1531	1,10 m	2,6



## ALUMINIUM STAIRS

Aluminum stairs made of extruded AW-6063-T66 aluminum alloy profiles. Used to assemble a comfortable stairway leading to the upper storeys of the scaffolding, a self-contained and independent staircase to support the construction site or to provide emergency access to already existing buildings.

Corrosion protection: aluminum.

Catalogue No.	Dimensions	Weight (kg)
SIGP5001	2,0 x 2,5 x 0,64 m	27,0*
SIGP5000	2,0 x 3,0 x 0,64 m	32,0*

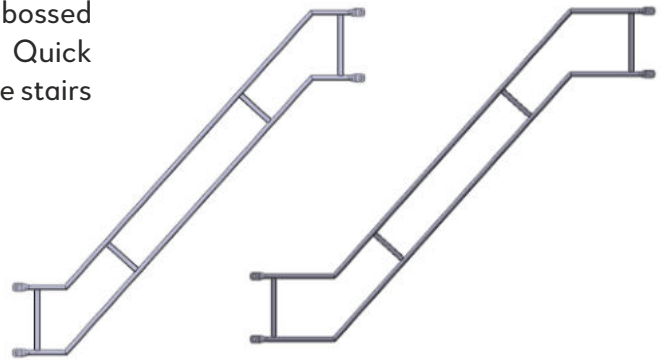


## DOUBLE STAIR HANDRAILS

Made of 38x1.8 mm steel tubes and 40x20x2 mm profiles. Embossed at the ends, with holes for fastening on frame/stair locks. Quick assembly without the need for tools. It prevents falling down the stairs of the scaffolding.

Corrosion protection: hot-dip galvanizing

Catalogue No.	Dimensions	Weight (kg)
SIGP5101	2,0 x 2,5 m	15,5
SIGP5100	2,0 x 3,0 m	17,0



## INNER STAIR HANDRAILS

Made of 38x1.8 mm steel tubes and 30x30x2 mm profiles. Equipped with special mounting brackets for the side profile of the stairs. Quick installation with the use of a connector spanner. It prevents from falling down the stairs inside the scaffolding.

Corrosion protection: hot-dip galvanizing

Catalogue No.	Dimensions	Weight (kg)
SIGU5110	2,25 m	14,5

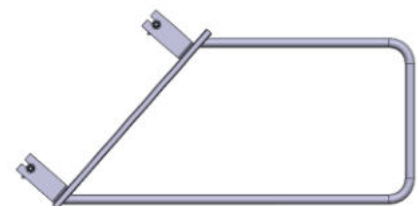


## INNER UNDER-STAIR HANDRAIL

Made of 26.9x2 mm steel tubes and 40x20x2mm profile. Equipped with special mounting brackets for the side profile of the stairs. Quick installation with the use of a connector spanner. It prevents from falling down the stairs inside the scaffolding.

Corrosion protection: hot-dip galvanizing

Catalogue No.	Dimensions	Weight (kg)
SIGU5115	2,0 x 2,5 m	4,5

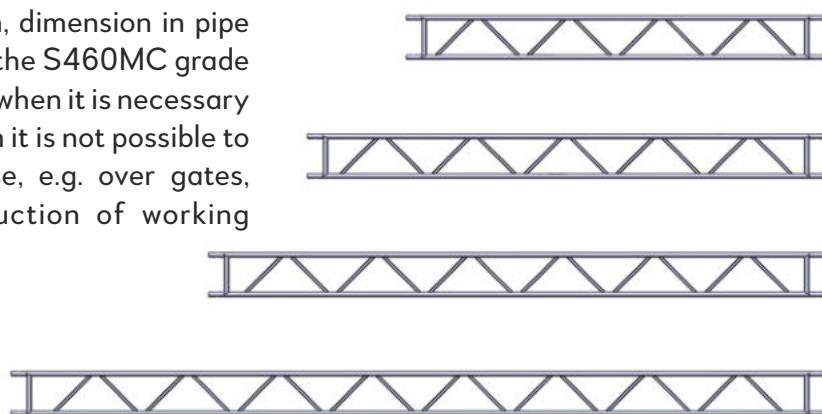


\* - to be carried and assembled by at least 2 persons



## STEEL GIRDER HS – H 45

Reinforced girder with a total height of 0.45 m, dimension in pipe axes 0.4 m, made of high-strength steel tubes in the S460MC grade 48.3x2.7 mm and a profile of 30x20x2mm. Used when it is necessary to create a passage under the scaffolding or when it is not possible to place every scaffolding bay on the frame base, e.g. over gates, protruding building elements, in the construction of working platforms, etc.

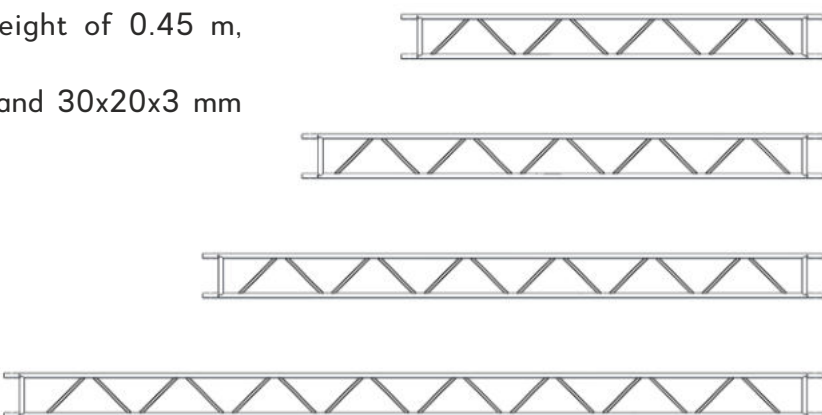


Corrosion protection: hot-dip galvanizing

Catalogue No.	Dimensions	Weight (kg)
SIGU0604	0,45 x 4,24 m	39,0*
SIGU0605	0,45 x 5,24 m	48,5*
SIGU0606	0,45 x 6,24 m	58,0*
SIGU0608	0,45 x 8,24 m	67,5*

## ALUMINIUM GIRDER H – 45

Lightweight aluminium girder with a total height of 0.45 m, dimension in tube axes 0.4 m. Made of EN AW 6082-T6 48.3x4 mm tubes and 30x20x3 mm aluminium profile.



Corrosion protection: aluminum.

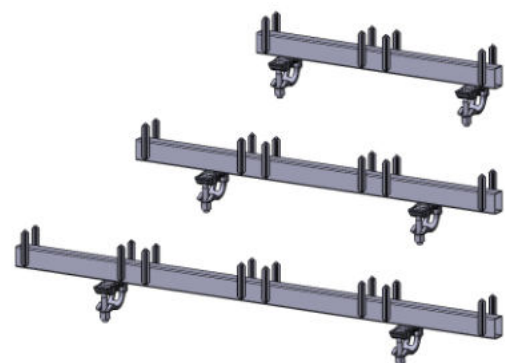
Catalogue No.	Dimensions	Weight (kg)
SIGU0614	0,45 x 4,24 m	17,7*
SIGU0615	0,45 x 5,24 m	21,3*
SIGU0616	0,45 x 6,24 m	24,5*
SIGU0618	0,45 x 8,24 m	27,7*

## DECK GIRDER TRASOM

Made of 50x35x2 mm steel profile, equipped with star pins for attaching decks and half-connectors for attaching to the girder. Used to mount working decks on girders.

Corrosion protection: hot-dip galvanizing

Catalogue No.	Dimensions	Weight (kg)
SIGP1230	0,64 m	3,5
SIGP1231	1,0 m	4,7
SIGP1232	1,3 m	5,8

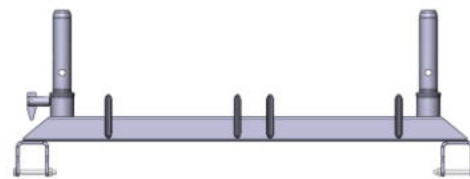


\* - to be carried and assembled by at least 2 persons

# GIRDERS AND OVERHANGS

## GIRDER LEDGER

Made of 50x35x2 mm steel profile, equipped with star bolts for attaching decks, trunnion connectors to the frame, pin for toe board and special brackets for attaching to the girder. Used to mount frames and working decks on girders.



Corrosion protection: hot-dip galvanizing

Catalogue No.	Dimensions	Weight (kg)
SIGP1239	0,5 x 8,24 m	6,5

## GIRDER WALL CONNECTOR

Made of 70x40x5 mm steel channel section, equipped with spigot connectors for mounting the girder, it has holes  $\phi 18$ , used to be attached to the wall of the building with glued anchors, expansion anchors or construction ties. Used to mount girders directly to the wall of a building.



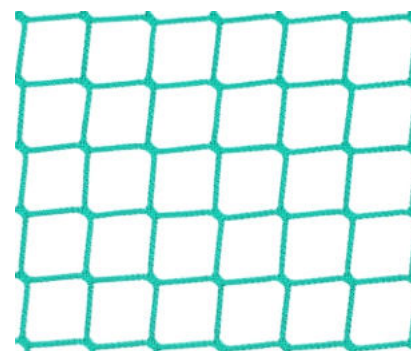
Corrosion protection: hot-dip galvanizing

Nr katalogowy	Dimensions	Weight (kg)
SIGU1500	0,4 m	5,2

# SAFETY & COMFORT ELEMENTS

## ROOFING PROTECTIVE MESH

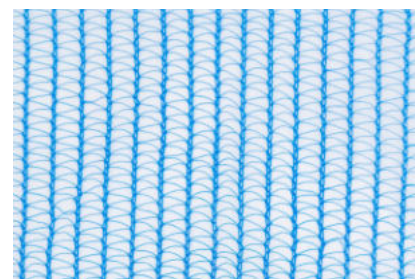
Made of polypropylene cord with a diameter of 5 mm. It is used to protect roofers and people working on the roofs of buildings, especially on buildings with sloping roofs, against falling. The height of the grid is adjusted to the distance of the first and last guardrail of the roofing railing post or roofing end frame, the length is adjusted to 4 scaffolding bays.



Catalogue No.	Dimensions	Weight (kg)
SIGU0711	1,9x 10,4 m	5,5
SIGU0710	1,9 x 12,4 m	6,5

## COVER MESH

Made of HDPE with a weight of 50 g/m<sup>2</sup>, the net is used to protect building materials such as polystyrene or mineral wool from blowing away from the scaffolding. It blocks 20% of wind and 30% of light. Equipped with eyelets for mounting with bands. UV resistance – 12Kly.



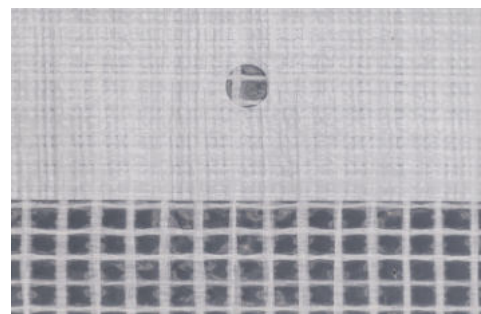
Catalogue No.	Dimensions	Weight (kg)
SIGU0702	2,57 x 10,0 m	1,3
SIGU0700	3,07 x 10,0 m	1,5
SIGU0703	2,57 x 20,0 m	2,6
SIGU0701	3,07 x 20,0 m	3,1

## COVER TARPAULIN

Reinforced tarpaulin made of transparent PEHD PE-coated, with a weight of 170 g/m<sup>2</sup>.

Ideal for protection against severe weather. Equipped with 5 reinforcement belts: a reinforcement belt with holes on one side, a double reinforcement belt with holes on the other side and 2 internal reinforcement strips. It blocks 100% of wind and 30% of light.

Equipped with eyelets for mounting with bands. UV-120Kly resistance.



Catalogue No.	Dimensions	Weight (kg)
SIGU0722	2,57 x 10,0 m	4,4
SIGU0720	3,07 x 10,0 m	5,2
SIGU0723	2,57 x 20,0 m	8,8
SIGU0721	3,07 x 20,0 m	10,5

## TARPAULIN POST

Made of 48.3x2.7 mm steel tube in grade S460MH, equipped with ratchet locks for attaching the guardrail and half-connectors for attaching to the frame or guardrail post. Used to assemble the canopy on the top storey of the scaffolding.

Corrosion protection: hot-dip galvanizing

Catalogue No.	Dimensions	Weight (kg)
SIGP1700	2,4 x 1,2 m	11,5



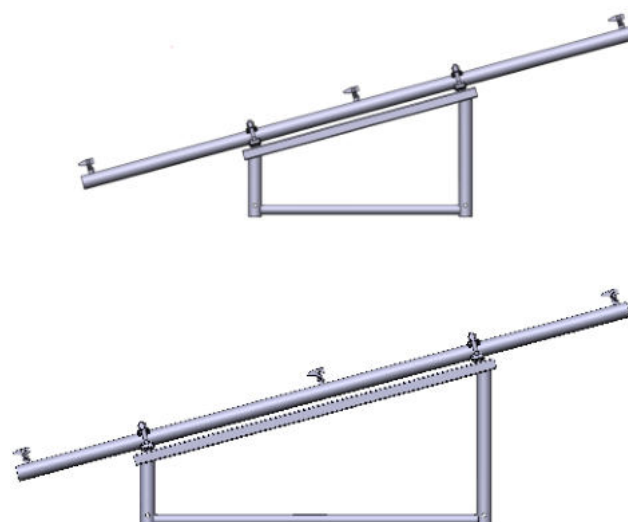
## TARPAULIN BRACKET

Made of 48.3x2.7 mm steel tubes and a 40x2x2 mm profile, equipped with ratchet locks for attaching guardrails. Used to assemble a canopy on the top storey of the scaffolding if frames are installed on the top storey. Double-sided mounting and relocation of the roof bolt are possible.

If there are guardrail posts at the top storey, tarpaulin posts should be used.

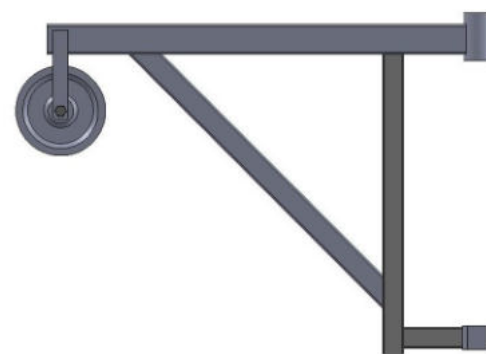
Corrosion protection: hot-dip galvanizing

Catalogue No.	Dimensions	Weight (kg)
SIGP1701	0,74 x 2,0 m	13,4
SIGP1702	1,10 x 2,0 m	15,2



## BOOM WITH INTEGRATED PULLEY

A steel element made of a 50x35x2 mm profile. Equipped with an integrated pulley with a double-bearing polyamide roller for a 16 mm rope. It is used for scaffolding assembly (pulling scaffolding elements to higher levels) and for vertical transport of building materials to scaffolding. Permissible load 150 kg.



Corrosion protection: hot-dip galvanizing

Catalogue No.	Dimensions	Weight (kg)
SIGU1520	0,7 m x 20 m	7,5

## Ø 16MM ROPE FOR THE BOOM

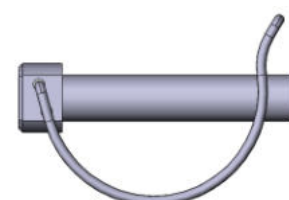
Braided PP rope made, equipped with a stainless-steel thimble for attaching a hitch or hook. It is used for scaffolding assembly (hoisting devices) and for vertical transport of building materials to scaffolding. High-strength rope; please note that the permissible load of the hoisting equipment is 150 kg.



Catalogue No.	Dimensions	Weight (kg)
SIGU1523	30 m	3,8
SIGU1525	50 m	6,5

## FRAME COTTER PIN

Made of C45 steel bar (class 8.8), it has a spring to prevent accidental slipping out of the frame holes. It is used to connect frames vertically. Necessary especially on the last level of scaffolding to protect frames, guardrail posts, end frames, roofing posts against disconnection, as well as for hanging scaffolding, connecting girders, etc.



Corrosion protection: galvanized, electroplated

Catalogue No.	Dimensions	Weight (kg)
SIGU0490	12 x 75 mm	0,07

## EYE BOLT WITH WALL PLUG

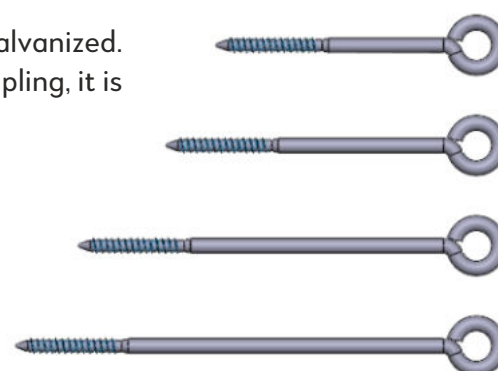
Steel bolt with welded eyelet, made of 12 mm diameter rod, electro-galvanized. Together with the wall plug as well as the anchor connector and cross coupling, it is used to anchor the scaffolding to the building wall.

Corrosion protection: galvanizing

Catalogue No.	Dimensions	Weight (kg)
SIGU0419	12 mm x 190 mm	0,23
SIGU0423	12 mm x 230 mm	0,26
SIGU0430	12 mm x 300 mm	0,32
SIGU0435	12 mm x 350 mm	0,38

Kołek rozporowy:

SIGU0405	14 mmx70 mm	0,01
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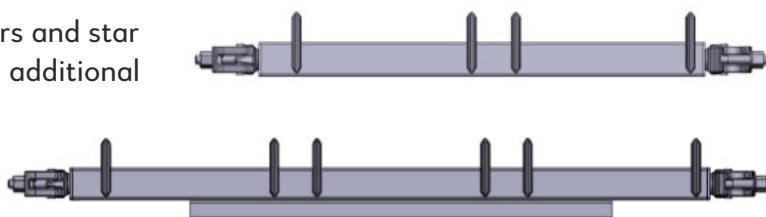


## FRAME TRANSOM

The steel element, equipped with two half-connectors and star pins for attaching the decks, which is used to attach additional decks at any height of the frame.

Corrosion protection: hot-dip galvanizing

Catalogue No.	Dimensions	Weight (kg)
SIGP1210	0,74 m	3,6
SIGP1211	1,10 m	5,9

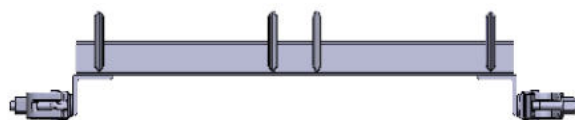


## DECK TRANSOM

A steel element, equipped with two half-connectors and star pins for attaching the decks, which is used to make a wide working deck, connecting the frames in such a way that it is possible to obtain a wide deck in one plane with the decks arranged on adjacent frames.

Corrosion protection: hot-dip galvanizing

Catalogue No.	Dimensions	Weight (kg)
SIGP1212	0,74 m	3,9

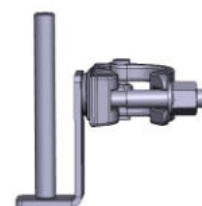


## SAFETY DEVICE FOR TRANSOM DECKS

Made of half-connector and 40x5mm angle sheet with a pin for fixing the toe board. Used to secure decks laid on transoms, consoles in a situation where an additional toe board must be installed.

Corrosion protection: hot-dip galvanizing

Catalogue No.	Dimensions	Weight (kg)
SIGU1532	---	1,2



## STEEL HOOK LADDER

Steel hook ladder, made of 40x20x2 and 20x20x2 steel profiles. It is used when access decks are not equipped with an integrated ladder and often on the first level to make it difficult for outsiders to climb the scaffolding.

Corrosion protection: hot-dip galvanizing

Catalogue No.	Dimensions	Weight (kg)
SIGU0800	2,15 m x 0,35 m	8,7

