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TUV CERTIFICATION, WELDING CERTIFICATES

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STRUMIN

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An expert in the area of safety devices for the construction industry and steel constructions. We are the biggest manufacturer of unloading platforms in Poland. For many years, we have successfully conducted hundreds of demanding investment projects for the biggest construction companies both in Poland and Europe. Our goal is to provide safe and simple solutions for construction industry in accordance with our main idea - SIMPLE & SAFE.

EXPERIENCE AND PROFESSIONALISM

We are a modern company with many years of experience in steel processing. We design, prototype and manufacture devices in our machinery park near Kraków, Poland. We treat every single project individually - a trained team of our technical and sales advisors is ready to help you at all stages of the project. Our design and manufacturing team consists of highly qualified designers, constructors, welders and assemblers. They guarantee the highest technical parameters of our products.







PLATFORMS

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information

An unloading platform is used to transport materials and equipment to the construction site. It allows to quickly load/unload materials between a construction site and any storey.

An outrigger platform is an ideal addition to a crane.

The size and carrying capacity allow to place on it materials, containers, moguls and different devices used at construction sites.

The mounting of the platform takes only few minutes and allows to save time both while changing its location and transporting materials.

advantages

- quick installation
- carrying capacity of 4 tonnes
- visibility
- universality
- cost-effectiveness
- mobility
- meets safety norms
- certified



Carrying capacity of 4 tonnes, the platform's floor at the same level as the ceiling ensures ergonomics.



Accessories for cranes.









🖏 properties



- three different sizes available

- three different sizes available
 maximum carrying capacity of 4 tonnes
 two stamps used for installation
 platform at the same level as the floor
 opening front part
 possibility to transport long elements
 anti-slip floor
 packariag points for DDE

- anchoring points for PPE
 railing with toe board
 compliance with EU standards





anchoring points for PPE

Platform at the same level as the floor



Fixing of the crane's sling.



Anti-slip floor.



Gate/opening front part. Possibility to transport long elements.







Technical specification of unloading platforms



(i)

NAME	CAT. NO.	L/Lp [m]	S/Sp [m]	H [m]	Lm [m]	Weight [kg]
WIDE PLATFORM	331	6,12/3,5	2,36/2,2	1,36	2,74	850
MEDIUM PLATFORM	332	6,12/3,5	1,68/1,51	1,36	2,74	720
NARROW PLATFORM	333	6,12/3,5	1,46/1,27	1,36	2,74	650













ENALLY CLEAN CO GALLOWS-TYPE FALL ARREST SYSTEM

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information

The gallows-type fall arrest system together with personal protecting equipment was designed to provide safety while performing works at height. Its aim is to protect the user from falling down during construction works.

SENEL-DADAT

Depending on individual needs, the gallows can be mounted in several different types of sockets that are offered by the STRUMIN fall arrest system.

The system can be mounted either to the ceiling or to the wall and offers the possibility to use a concrete swamped socket or a concrete ballast.

The gallows is equipped with an anchoring point for the "Lifeline" fall arrest system. Low weight of the system allows manual assembly by only one person without the need to use a crane.





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March Service

Gallows with a foot anchored to the ground.



Gallows mounted on a concrete ballast.







Type B anchoring point.

-6



Socket anchored to a ceiling.



FALL ARREST SYSTEM – SYSTEM'S ELEMENTS

FALL ARREST SYSTEM – SYSTEM'S ELEMENTS

SMALL BALLAST SOCKET

It is used to mount the gallows. The ballast can be placed in any given place on the surface etc. It is equipped with regulated feet that help to level the ballast on an uneven surface and transport brackets. It is available only in the form of shuttering ready to be covered with concrete.

For mounting fall arrest devices on different surfaces. It cooperates with: gallows type fall arrest device (cat. No. 880), extending adapter 150 cm (888), extending adapter 60 cm (888A).
65 kg
884

LARGE BALLAST SOCKET

WEIGHT CAT. NO.

> It is used to mount the gallows, lifeline poles and extending adapters. The ballast can be placed in any given place on the surface etc. It is equipped with regulated feet that help to level the ballast on an uneven surface and transport brackets. It is available only in the form of shuttering ready to be covered with concrete.

> > -RUMIN

For mounting tall arrest devices on different surfaces

WEIGHT CAT. NO.

90 kg

892

PURPOSE	For securing work at heig to the ceiling (885), side so
WEIGHT	13,5 kg
CAT. NO.	991

LIFELINE POLE

29 kg 880

WEIGHT

CAT. NO.



"GALLOWS" FALL ARREST DEVICE

It is the basic element of the system. The catching arms is equipped

with a type-B anchoring point that is mounted to the central pole which can be installed in a few different types of sockets offered

by the system. The device allows for a complete turn round its

pivot-centre, providing the ease of movement and optimal working scope.

ooperates with: concrete swamped socket (cat. No. 887), socket (26): Jame ballast (892) and small ballast (884), extending adapted e ceiling (885), side socket (886); large ballast (892) and sma nding adapter 60 cm (cat. No. 888A), gallows' high adapter (8

It is the second device of the fall arrest system. The central pole is equipped with three Type-B anchoring points. The poles allow to mount anchoring line and may be used as intermediate support in points where the lifeline device changes its direction (e.g. corners). The poles are mounted in different types of sockets offered by the system. It allows for a complete turn round its pivot-centre what provides flexibility and ease of operation while protecting workers at the construction site.



FALL ARREST SYSTEM – SYSTEM'S ELEMENTS



CONCRETE SWAMPED SOCKET

It is used to mount the gallows, poles, lifeline and extending adapters. It is an easy, cheap and popular solution, used at construction sites. Planned in-advance setting of sockets in walls and other elements of a building allows workers to quickly move with the fall arrest system attached to a new construction place that is equipped with such socket.

PURPOSE	For mounting fall arrest devices in different types of surfaces. It cooperates with: gallows type fall arrest device (cat. No. 880), lifeline system pole (991), extending adapter 150 cm (888), extending adapter 60 cm (888A).
WEIGHT	1,5 kg
CAT. NO.	887

SOCKET ANCHORED TO THE CEILING

It is used to mount the gallows, poles, lifeline device and extending adapters. It allows to create a socket in any place on the ceiling and does not require planning during the design stage. The socket is mounted with self-tapping screws to concrete. The advantage of this solution is the universality and possibility to use it multiple times (both when it comes to the socket and its mounting elements).

OSE	For mounting fall arrest devices in different types of surfaces. It cooperates with: gallows type fall arrest device (cat. No. 880), lifeline system pole (991), extending adapter 150 cm (888), extending adapter 60 cm (888A).	
НТ	20 kg	

WEIGH CAT. NO. 885

SIDE SOCKET

It is used to mount the gallows, poles, lifeline and extending adapters. It allows to create a socket in any place on the wall and does not require planning during the design stage. The socket is mounted with self-tapping screws to concrete. The advantage of this solution is the universality and possibility to use it multiple times (both when it comes to the socket and its mounting elements).

PURPOSE	For mounting fall arrest devices in different types of surfaces. It cooperates with: gallows type fall arrest device (cat. No. 880), lifeline system pole (991), extending adapter 150 cm (888), extending adapter 60 cm (888A).				
WEIGHT	7 kg				
CAT. NO.	886				

of the fall arrest device. WEIGHT

CAT. NO.

HIGH GALLOWS ADAPTER the fall arrest system (gallows).

PURPOSE
WEIGHT
CAT. NO.

EXTENDING ADAPTER 150 cm AND 60 cm

It is used to extend the height of the anchoring point for the gallows by 150 cm or 60 cm. Modular construction provides mobility and comfort while changing the location of construction works. The extending adapter 150 / 60 cm is a universal part of the system that can be used with other elements, e.g. the gallows and mounting sockets. Extending the height of the anchoring point allows to extend the range

xtending the height of the anchoring point by 150 cm o gallows type fall arrest device (cat. No. 880), concrete s

15 kg 888

It is used to extend the height of the anchoring point of the gallows by 290 cm (up to 6.5 m). Extending the height of the anchoring point allows to extend the range of the fall arrest device. It is mounted to the socket of a concrete foot and secured by three buttresses. The central pole is equipped with rungs that help to mount

40 kg 889



FALL ARREST SYSTEM

FALL ARREST SYSTEM – SYSTEM'S ELEMENTS







PURPOSE	lifeline pole (991).
WEIGHT	2 kg
CAT. NO.	992

Fall arrest device: self-locking device. It is a self-locking device belonging to PPE . It closely cooperates with fall arrest devices, i.e. the gallows and lifeline. The device is equipped with snap hooks with fall indicator. Aluminium cover and nylon tape (safety line) provide resistance to different weather conditions.

> WEIGHT CAT. NO.



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Fall arrest device: anchoring line "lifeline". It is a horizontal, regulated anchoring tape (horizontal safeguarding line) used while performing works which demand often movement on horizontal surfaces. The Anchoring line is made of a polyester tape, resistant to weather conditions. It is equipped with a tightener and two snap hooks used for attaching the line to anchoring points





LIFELINE - FALL ARREST SYSTEMS

Lifeline system belongs to the family of fall arrest systems that protect workers from falling while performing works at heights. The use of lifeline system minimalizes the risk of the "pendulum" effect. A mobile anchoring point allows to easily move the system in a wide working area. The simplicity of the system makes it easy to adjust to different conditions. The poles of the lifeline system work with all types of sockets that are offered by the STRUMIN fall arrest-system. The universality and flexibility of the system are provided by the anchored sockets swamped in concrete and concrete ballasts.

- Protects the user from falling
 - Increases the safety at the construction site
- Saves life in case of a fall
- Protects from tripping and falling
- Easy, intuitive installation
- Simple and flexible system
- Light, modular construction
- Easy to store and transport
- EN-705 (Type B) certified
- Compliance with the following standards: EN-795_2021E, EN-354_2012P, EN-360_2005P, EN-362_2006P.









SPIDER FALL ARREST SYSTEM

information

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The Spider fall arrest system with PPE is used to provide safety while working at heights. Its purpose is to prevent a fall through the edge from heights. The "Spider" anchoring device is equipped with four anchoring points used to attach the anchoring line which connects inertial ballasts. It can also be used as an anchoring point for safety lines or self-locking devices. Inertial ballasts are used in case of the lack of possibility to anchor securing devices to the surface.

Taking-over loads that are created during a fall is performed thanks to a friction between the surface and the foot of the ballast. Low weight of the system's elements provide the possibility to be manually installed by one person without the need to use a crane. The construction of the Spider ballast allow to move the device in one part between different working positions.





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Lifeline attached to "SPIDER" inertial ballasts.



Fall arrest system in the terraced form with a common ballast





An element with four anchoring points



Transport brackets for the crane's sling



Damping construction



Easy and intuitive installation



🖏 Features

- increases safety
 saves life and health
 low weight of the elements
 easy and quick installation
 visibility

- easy to store and transport
 EN-795 (Type E) certified
 compliance with the following
- compliance with the following standards: EN-795_2021E, EN-354_2012P, EN-360_2005P,EN-362_2006P
 versatility of applications





SPIDER FALL ARREST SYSTEM

The SPIDER fall arrest system belongs to the family of fall arrest devices (lifeline systems) which is used to protect workers while working on heights. The use of the Spider fall arrest system minimalizes the risk of the pendulum effect and protects from fall through the edge. The mobile anchoring point provides the ease of movement within a wide working area. The simplicity of the system allows to easily adjust it to different building conditions.

- protects its user from fall
- increases safety on a construction site
 saves life
- protects from tripping
- easy and quick installation
- the possibility of manual installation
- easy and flexible system
- light, modular construction
- easy to store and transport
- EN-795 (Type E) certified
- compliance with the following standards: EN-795_2021E, EN-354_2012P, EN-360_2005P,EN-362_2006P
- versatility of applications

NAME	CAT. NO.			H [m]	construction	weight [kg]
SPIDER SYSTEM	15-XX	3,10	2,25	2,40	STEEL LAQUER / RUBBER	370
SPIDER CONSTRUCTION	15-01	2,30	2,00	0,56	STEEL LAQUER	70
BALLAST 25 kg	15-02	0,70	0,40	0,11	RUBBER	25

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EDGE PROTECTION SYSTEMS

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information

EPS (Edge Protection Systems) are wide range of products that include edge protection fences. They are widely used at construction sites, during road works, to temporary protect such works as digging trenches etc. The poles were designed for different types of holders and the filling of the railing, depending on requirements, may be full (i.e. panel mesh or boarding).

EPS contain edge protection measures and work with shuttering systems.

advantages

- universal system
- different types of fixing methods
- universal pole, h: 120 cm
- filling with toe board
- galvanized / lacquered construction
- simple and intuitive installation
- complies with safety norms

- certified



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SYSTEM'S ELEMENTS



FIXED console Cat. no.: 1317



ECONOMY pole Cat. no.: 1303



Horizontal holder Cat. no.: 1306



500 adapter Cat. no.: 1308



Holder mounted on a wall Cat. no.: 1314



MESH-WALL Cat. no.: 1330



LITE pole Cat. no.: 1304



Vertical holder Cat. no.: 1307



GIRDER holder Cat. no.: 1310



Scaffolding board holder Cat. no.: 1315



SINGLE pole Cat. no.: 1305



Inserted holder Cat. no.: 1313



LARSEN holder Cat. no.: 1311



Platform holder Cat. no.: 1316

() SYSTEM COMPONENTS



PURPOSE	To create a protecting barrier from the net module 250 or boarding 250. It protects people, objects, tools and building materials from falling through the working area edges and it works with a horizontal and vertical holder, a 500 and 250 adapter, a girder holder, a Larsen holder, a ceiling clamp and an inserted holder.				
WEIGHT	2.9 kg				
CAT. NO.	1303				

SINGLE pole is 120 cm high and serves to create a barrier with net filling or boarding. It is installed in a concrete surface with the use of screws and anchors. It provides quick, easy and cheap protection. It is made of constructional steel and is galvanized.



Steel mesh panel 250 is made of welded, galvanized mesh that consist of three areas of protection:

- 12 cm wide upper "shelf", working as a supinated grip - vertical filling 120 cm high over the working area

- full steel toe board, 15 cm height

The vertical wires are placed every 5 cm. The oblique placement of the toe board allows to effectively block small objects, e.g. debris, from accidental throw away from the working area.



Fencing Filling – EPS board 250 is made of three parts (a board 250 0 × 150 × 32) and provides protection from falling through the edge at the working area. It is installed in H pole sockets. The bottom board provides protection - it is a toe board that is used to catch small objects, accidently falling from the working area.



SYSTEM COMPONENTS



(i) SYSTEM COMPONENTS

MESHWALL net is a polypropylene barrier. Its basic advantages are low weight, easy installation and resistance to different weather conditions. The MESHWALL barrier consists of poles (e.g. LITE), a net and an edge line that works as a supinated grip and an element stretching the whole system. The net is produced in accordance with the norms concerning edge protection systems and fall arrest systems (safety nets).



PURPOSE	To protect people, objects, tools and building materials from falling through the working area edges
WEIGHT	1.5 kg
CAT. NO.	1330

Mesh fencing is a barrier in the form of a non-stretching PVC net. Its basic advantages are low weight, easy installation, resistance to different weather conditions and universality. The system is used at construction sites, during renovations and road works etc. It can be used to protect deep trenches. The solution is also a warning barrier.

The poles are made of constructional steel and are galvanized.





PURPOSE	holder, a 500 and 250 adapter, a g		
WEIGHT	3.8 kg		
CAT. NO.	1302		

CAT. NO.



SYSTEM COMPONENTS





(i) SYSTEM COMPONENTS

Multifunctional ceiling CLAMP is used to install safety systems on edges, ceilings, ledges and stairs. It has a moveable, turning head with a barrier's pole holder. The foot/top head has a locking socket that is used to lock a pole and protects it from an accidental pulling out. The clamp is adjusted to work with ceilings of different sizes and stairs of different gradient. It is easy in use, depending on the need and configuration, and offers a wide scope of combinations. Detailed information about the device are available in the technical documentation.

HORIZONTAL holder is used to mount poles to the working surface. It is installed in a horizontal position in the surface with the use of screws and anchors. The holder has a socket with a locker that helps to lock the pole and protects it from accidental pulling out. It contains a toe board holder, applied when a mesh or boarding is used. It is made of constructional steel and is galvanized.

PURPOSE To protect people, objects, tools and building materials from falling three	ough the working area edges
WEIGHT 1.5 kg	
CAT. NO. 1330	

INSERTED holder is used to create a protective barrier on any surface, allowing to insert a holder's anchor.

The surface must provide stability of the pole, so as no deviation from the vertical will occur because of the weather conditions. The holder has a locking socket that is used to lock a pole and protects it from an accidental pulling out. It is made of constructional steel and is galvanized.

PURPOSE	To create a protective barrier. It works with H, STANDARD and LITE poles, as well as 500 and 250 adapter
WEIGHT	1.2 kg
CAT. NO.	1313

PURPOSE	To create a protecting barrier. Wo extending adapter 500 and 250.
WEIGHT	1.1 kg
CAT. NO.	1306

VERTICAL holder is used to mount poles to the working surface. It is installed in a vertical position in the surface with the use of screws and anchors. The holder has a socket with a locker that helps to lock the pole and protects it from accidental pulling out. It contains a toe board holder applied when an extending adapter 500/250 is used. It helps to lock a net or mount a toe board on the level of a pole or an extending adapter. It is made of constructional steel and is galvanized.

PURPOSE	To create a protecting ba as an extending adapter
WEIGHT	1.45 kg
CAT. NO.	1307

SYSTEM COMPONENTS



with H, STANDARD and LITE poles, as well as an



H. STANDARD and LITE poles, as w



$(\mathbf{\hat{I}})$ SYSTEM COMPONENTS

EXTENDING adapter 500 is used to elevate the protecting barrier's pole, e.g. when mounted to side feet (when there is the need to lower the barrier's height in relation to the working area). When it is needed, the height adapter allows to elevate the protection by 500 mm. The adapter has a bottom locking socket working with a handle and a top socket working with the pole's socket. The sockets lock each other, protecting from an accidental pull out. It is made of constructional steel and is galvanized. Extending adapters are also useful while creating barriers on girder and LARSEN holders. In case of elevating the working level (e.g. concrete floor, board), they rise the barrier to the level providing safety and compliance with the applicable norms.

GIRDER holder is used to create a protecting barrier on girder shuttering. Its main advantage is fast and easy installation. It does not require the use of electrical appliances, anchors etc. The installation is based on putting an open clamp on a girder shuttering and closing it with a hammer. which allows to tap it into the socket's clamp. It is made of constructional steel and is galvanized. When using the height adapter 500/250, it is easy to elevate the barrier to the level providing safety and compliance with the applicable norms. It happens during pouring concrete floor or placing floor slabs that elevate the working level (lowering the height of the protection created earlier, e.g. on girder shuttering).

PURPOSE	To rise the barrier's height. It works with a horizontal and a vertical holder, girder holder, LARSEN holder, ceiling clamp, inserted holder as well as H, STANDARD AND LITE poles.
WEIGHT	2.7 kg
CAT. NO.	1308

EXTENDING adapter 250 is used to elevate the protecting barrier's pole, e.g. when mounted to side feet (when there is the need to lower the barrier's height in relation to the working area). When it is needed, the height adapter allows to elevate the protection by 500 mm. The adapter has a bottom locking socket working with a handle and a top socket working with the pole's socket. The sockets lock each other, protecting from an accidental pull out. It is made of constructional steel and is galvanized. Extending adapters are also useful while creating barriers on girder and LARSEN holders. In case of elevating the working level (e.g. concrete floor, board), they rise the barrier to the level providing safety and compliance with the applicable norms.

to preparing the next floors of a l
2.5 kg
1310

LARSEN holder is used to create a protecting barrier on sheet piles. Its main advantage is easy installation and deinstallation. It all comes down to tightening a locking screw. Another advantages are low weight and the ease of storing and transporting. The LARSEN clamp has a locking socket that is used to lock a pole and protects it from an accidental pulling out.

PURPOSE	To rise the barrier's height. It works with a horizontal and a vertical holder, girder holder, LARSEN holder, ceiling clamp, inserted holder as well as H, STANDARD AND LITE poles.
WEIGHT	1.4 kg
CAT. NO.	1309

PURPOSE	To create a protective barrier with profiles, constructional e STANDARD and LITE poles, a
WEIGHT	2 kg
	1311

SYSTEM COMPONENTS

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ring (girder shuttering) while performing works connected (boarding shafts etc.). It works H, STANDARD AND LITE po



(i) SYSTEM COMPONENTS

Holder MOUNTED ON A WALL is used to provide safety barrier on wall openings (e.g. windows, doors, elevators). It is mounted with screws in concrete or mechanical anchors. It is made of constructional steel and is galvanized.



To create a protective barrier on wall openings. It works with a mesh panel and boarding.
0.3kg
1314

Scaffolding BOARD holder is used to block elements filling a barrier, i.e. a mesh panel, boarding and toe boards' mounting on holders (vertical and horizontal), 500/250 adapters or system poles. It is made of constructional steel and is galvanized.

PURPOSE	To create a mesh panel or boarding. It works with a horizontal and a vertical holder, a 500 and a 250 adapter, a girder holder, a Larsen holder, a ceiling clamp, an inserted holder, as well as H, STANDARD and LITE poles.	
WEIGHT	0.3 kg	
CAT. NO.	1315	

PLATFORM holder is used to mount horizontal bars which are part of the working platforms.

It is made of constructional steel and is galvanized.



PURPOSE	To create working platforms, mount platform bars.
WEIGHT	1.85 kg
CAT. NO.	1316

FIXED console is used to provide safety on the edges of a wall while performing shuttering works and is also a part of the shuttering (serves to affix a shuttering board). It is a universal solution supporting both constructional works and increasing the level of safety.

The solution uses holes that were created in walls during the earlier shuttering.

It allows to save time normally spent on mounting the safety system (no need to drill, anchor etc.).

To create a protective barrier on STANDARD and LITE poles, as w
11.5 kg
1317

MOVEABLE console is used to provide safety on the edges of a wall while performing shuttering works and is also a part of the shuttering (serves to affix a shuttering board). It is a universal solution supporting both constructional works and increasing the level of safety. The solution uses holes that were created in walls during the earlier shuttering. It allows to save time normally spent on mounting the safety system (no need to drill, anchor etc.). It is an advanced version of the FIXED console and provides the possibility to adjust the distance between a shuttering board and a wall.

PURPOSE	To create a protective barrier on and LITE poles, as well as 500 ar
WEIGHT	11 kg
CAT. NO.	1318



<section-header><text><text><text><text>

	PURPOSE	To secure working edges and dangerous places. Can be used as a warning element. It works with a mesh fencing (cat. No. 1332).
57.0	DIMENSIONS	total length 150 cm, working height 120 cm, inserting depth 30 cm
	WEIGHT	3 kg
Ser. L	CAT. NO.	1323

SYSTEM COMPONENTS

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Mesh FENCING / WARNING – light, flexible and durable solution used at construction sites while performing renovation and road works. It is used to separate and protect different types of dangerous places, such as trenches, banks, landslides, drains, marking of cables or pipes. It is characterized by a high level of resiliency. It is easy to install and deinstall. Orange colour provides great visibility, so it is often used as a warning mesh.

PURPOSE	To secure working edges and dangerous places. Can be used as a warning element. It works with a fencing pole (cat. No. 1323).
DIMENSIONS	height 120 cm, length 50 mb (roll)
WEIGHT	12 kg / 50 m (grammage 240 g/m)
CAT. NO.	1332



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information

The ZSWT system is used to protect elevator shafts and other technical openings when there is a danger of falling from heights. It is used to secure workers staying close or performing works in an elevator shaft or next to it. The gate protects from falling of people an objects into a shaft or other technical openings, at the same time protecting people on lower levels of a building. The ZSWT system is a gate consisting of four parts and allows to be adjusted to a given width and gives the possibility to open the top part (moveable wing).

advantages

- universal system
- easy fixing system
- regulated wings
- regulated, flexible toe board
- galvanized construction
- easy and intuitive installation
- complies with safety standards - certified





ELEVATOR SHAFTS PROTECTION



Universal wing clamping which allows to instal the system outside and inside the lining.



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Regulated, flexible, rubber toe board.



Regulated two-part moveable wings (adjuste horizontally and vertically).



Top and bottom wings with the possibility to be s



Two-position locking bolt.




ELEVATOR SHAFTS PROTECTION



905

905

-

RUBBER 5mm

RUBBER 5mm

HOT-DIP ZINC

FLAT 45x6

445

445

4,8

6

5,1

SMALL TOE BOARD

LARGE TOE BOARD

FINISHING

HINGES' PROFILES (2pcs.)



SAFETY NETS

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information

LiteMESH system is used to protect the outer edges of buildings and is installed on their lower levels. It helps to protect circulation areas. The net catches falling objects and protects people. LiteMESH is a combination of two nets with a wide and small loops. It catches large objects and small elements and even semi-liquid materials, i.e. mortar.

The system is universal and easy to install to the front and the top of a roof, as well as to a wall. Thanks to its small weight and flexibility, the system can be adjusted to any conditions.

LiteMESH net provides fast and cheap protection during construction and other works that require higher safety standards.



Lite**MESH**

LiteMESH module in a top attached configuration



LiteMESH module in a front attached configuration



LiteMESH module allows to be attached to vertical poles or horizontal boards (steel, concrete etc.) – console fixing adapter

advantages

- catches falling objects
- easy and quick installation
- flexibility
- low weight
- protects circulation areas
- economical
- manual installation









NAME	CAT. NO.				Net / edge line	construction	weight [kg]
MODULE LtM 6m	771	3-6	3	-			37
CONSOLE LtM	772	-	3	-		STEEL LAQUER	16
STRETCH LtM	773	4,5	-	-	polipropylene ø5/		1
S NET 6x3m	665	6	3	-	polipropylene ø14 (30 kN)		5
S NET 4x3m	668	4	3				4
CORNER S NET 3x3m	664	3	3	-			3







P.P.H.U. MORAWICA 100 P.P. H.U. MORAWICA 100 32-084 48 571 870 in.Pl 32-084 48 571 frumin.Pl 32-084 48 571 frumin.Pl 32-084 48 571 frumin.Pl 32-084 48 571 frumin.Pl



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T-type net systems protect the workplace if there is the danger of a fall from heights. The system is a connection of two nets with wide and small loops. It catches people, large objects and small elements, and even semi-liquid material, i.e. mortar. The construction is a damping system which absorbs energy generated during a fall and minimalizes the overload that is created while trying to stop a falling object/person.



- catches falling people and objects
- absorbs a fall from up to 7 m
- protects circulations areas
- compliance with
- EN-1263-1_2015-02E standard
- universal installation
- durable construction
- manual installation



STRUMIN



Type T net ceiling module.



Type T net wall module



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Type S corner net

-Technical specification



A modular system installed from the top.



A regulated jaw holder.



An adapter mounted to a wall.



Quick installation with screws inserted in concrete.



A 60 \times 60 net catches falling objects and tools. A "Mosquito" net catches small elements.



Technical specification of the T type net



NAME	CAT. NO.			H [m]	Net / edge line	construction	Weight [kg]
MODULE 6m	661	6	3	2,4			120
MODULE 4m	662	4	3	2,4			106
WALL MODULE 6m	671	6	3	2,4			103
WALL MODULE 4m	672	4	3	2,4		STEEL ZINC	89
S NET 6x3m	665	6	3	-	(30kN)		5
S NET 4x3m	668	4	3	-			4
CORNER NET 3x3m	664	3	3	-			3





STAIRWAYS

MODULO N

Information

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Construction site stairways are universal devices providing safe move between floors at construction sites. Tanks to four available sizes and smooth angle regulation, they provide the access to any working level. Folded stairways may be used as a bridge with a range of 5.7 m. Thanks to the implementation of high, cold-formed profiles, the system's project provide high durability of the construction and does not demand any additional support or toe boards.

Advantages

- universal system
- different available lengths
- a stairway and a bridge in one
- anti-slip
- galvanized construction
- simple and intuitive installation
 compliance with applicable safety norms
- certified





technical specification

🖏 features



Stairways **MODULO N**



ANGLE ADJUSTMENT

NAME	CAT. NO.	L[m] for a=()	L[m] for a=30/60	H[m] for a=30/60		
MODULO 6	1101	1,7	1,5 / 1,0	1,0 / 1,4	13,7 / 23,8	23,8 / 13,7
MODULO 9	1102	2,5	2,2/1,4	1,3 / 2,1	13,7 / 23,8	23,8 / 13,7
MODULO 12	1103	3,3	2,9/1,8	1,7 / 2,8	13,7 / 23,8	23,8 / 13,7
MODULO 15	1104	4,1	3,6/2,2	2,1/3,5	13,7 / 23,8	23,8 / 13,7
MODULO 18	1105	4,9	4,3/2,6	2,5/4,2	13,7 / 23,8	23,8 / 13,7
MODULO 21	1106	5,8	5/3	2,9/4,9	13,7 / 23,8	23,8 / 13,7

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DUMP SKIP CONTAINER

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information

A skip container is used to transport different types of materials, i.e. hardcore, waste, equipment, tools or mortar. The container allows to safely unload construction waste by a crane or a loader operator. The solution increases the level of safety at a construction site and lowers the risk of accidents. Together with a dump platform, the container allows to be transported with a pallet truck to any place at a construction site.

advantages

- construction which allows to dump materials
- safe
- high capacity
- mobility
- easy to transport
- certified





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A skip / dump container helps to transport materials during construction processes.



Using both a skip and a platform. The system helps to unload and transload materials.



Transport and unloading of hardcore and waste.



CANOPIES

information

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Canopies are used to increase the level of safety and the comfort of working. They help to organize points where workers gather tools, PPE and collective protective equipment. Canopies may be used to create working areas that provide safety of people, machines and devices and protect them from different weather conditions, such as rain, snow and insolation. The can also be used as a place where different elements, such as a switchgear, a first aid kit, firefighting equipment, information boards, benchtops and other objects are gathered.



A stackable construction allows to easily store canoples.



Simple, intuitive installation and deinstallation in just a few steps.



Adjustable legs and a wall with accessories.







🖏 Features

- increases safety
- rises the comfort of work
- easy and quick installation
- visible
- modular construction





A transport locker of the legs.



A board with accessories.



Optimal storing and transport.



Easy, intuitive installation.









CANOPIES

Canopies increase the level of safety and comfort at a working area. It is an optimal solution for organizing workspace at a construction site. Thanks to a modular construction, it is possible to create a complete product equipped with a switchgear, a first aid kit, firefighting equipment, information boards, benchtops etc. Canopies belong the "machines and devices" group and this is how they are classified from the formal point of view.

- A
- protects the user from unfavourable weather conditions
- increases the safety and comfort of work
- provides access to basic OSH equipment
- an easy and intuitive installation
- a simple and flexible system
- a modular construction
- easy to store and transport
 certified in accordance with
- the 2006/42/EC directive - standardized norms: EN ISO 12100:2012







SOLID BOX

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information

SOLID BOX is used to safely store and transport tools. Its design connects functionality, mobility and ease of transport with a crane, a pallet truck or a forklift truck. Anti-theft construction of the box is supported by a range of safeguarding measures. Thanks to its versatility, it can be used both at small and big construction sites.

advantages

- safety of tools
- ease of transport
- mobility
- big capacity
- anti-theft
- waterproof
- certified





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The SOLID BOX is made of powder-coated steel. It is available in three sizes and two colour versions.



A lid is equipped with a pneumatic shock absorber which provides smooth opening and closing and protects its user's fingers from being caught.



The box offers different options and functions, e.g. can be mounted to the surface with anchors.



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Technical specification of SOLID BOX



LARGE BOX SAND MEDIUM BOX SMALL BOX LARGE BOX ARMY GREEN MEDIUM BOX SMALL BOX



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TRANSPORT BASKETS

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information

Transport baskets are used in building, production processes, storing of ready elements and semi-finished products. Their advantage is the possibility to be stored vertically – stacked – what allows to save space and keep the work area clean.

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TRANSPORT BASKETS



NAME	CAT. NO.				construction	weight [kg]
OPENWORK TRANSPORT BASKET	1200	1,2	0,8	0,8	STEEL ZINC	32
TRANSPORT BASKET "MESH"	1201	1,2	0,8	0,8	STEEL ZINC	27
TRANSPORT BASKET "SHEET"	1202	1,2	0,8	0,8	STEEL ZINC	81
LIFT WICKET BASKET	1203	1,25	1,05	1,18	STEEL ZINC	59
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