

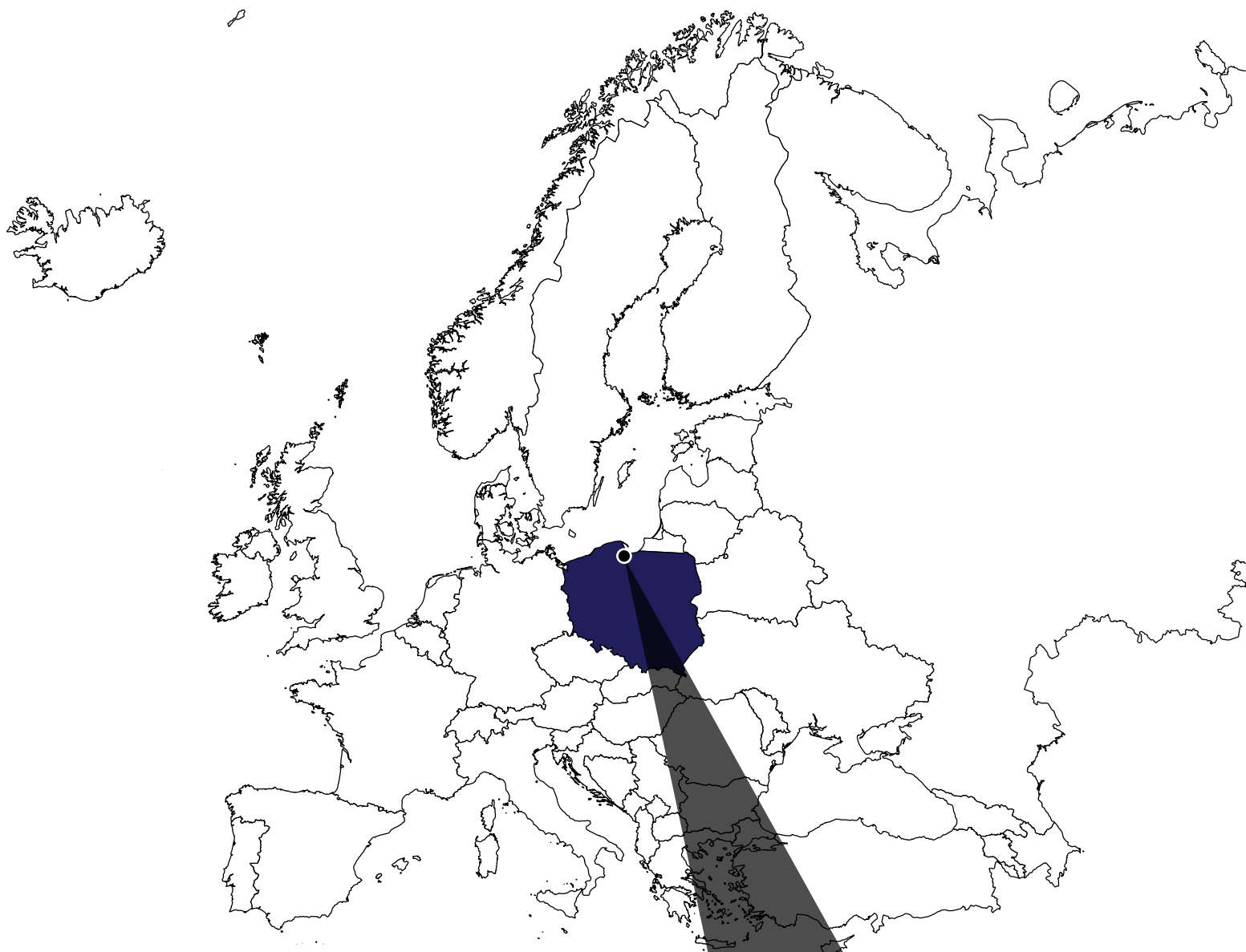


92mm 4mm 24mm

interplastic®
SINCE 1985

Sports Facility Equipment Catalogue
2020/2021

IN THE VERY CENTRE OF EUROPE



interplastic®
SINCE 1985

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Dear Partners,

I am proud to present you our latest edition of sports facility equipment catalogue. Throughout the years Interplastic has been changing to meet the expectations of our customers.

We put pressure in sustainable development, starting from the most important asset of the company - people. We invest in constant progress of their skills, knowledge, languages and encourage them to practice sports and lead healthy lifestyle.

Company development can be proved by implementation of ISO 9001, welding norms ISO 3834 and ISO 1090, TUV, Safety or product Certificates. This effort was appreciated and we were awarded numerous national and international prizes and trophies by local government, non-governmental organizations, employers organizations and during international trade fairs.

Our machinery park is being modernized every year to be more effective for You - our client. We strongly focus on process development. Currently we are able to trace in real-time each operation being performed in our production by our

employees which helps us to process up to 1000 production orders per month.

For the care of the environment and future generations we stopped using plastic bottles in the company and we now serve filtered water for our employees. We recycle cartons and foil, and moreover we upgrade our machinery park to use less energy. We are a partner in a school programme where pupils collect electronic waste, so it could be exchanged for sports equipment.

Interplastic is also a sponsor of local and national clubs representing Poland in various sports on national and international grounds. We have been a technical partner of the World Guinness record for the largest physical education lesson, which were hosted in Poland. We are also a technical partner of Polish National Football Stadium - PGE Narodowy in Warsaw and Energa Arena Stadium in Gdansk. As a

member of open school programme and partner of several educational institutions we invite young pupils to our company in order to learn how worldwide known sport equipment is manufactured. Hopefully some of them will join us in their future career. For the safety of our local community we have also partly founded a purchase of a fire engine for the local fire brigade.

Please bear in mind that sports is only one part of our business. Interplastic is also very active in other areas of business like: gastronomy, museums, furniture, lighting, constructions for the building industry and many others.

I hope that you will join us and become another satisfied client that will develop long-lasting business partnership.

Jan Żółtowski



interplastic turns 35

2020 is a very special year for INTERPLASTIC, as it marks our 35th anniversary. In August 2020 we will celebrate our achievements from the last 35 years of designing and manufacturing sports equipment. Through all these years we were able to serve you in the best possible way and we hope to be your business partners in the future.

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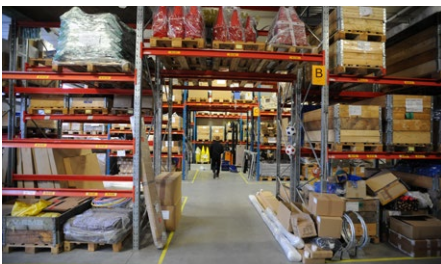
Please use export@interplastic.pl address to send all your inquiries and orders.

about us



INTERPLASTIC Roger Żółtowski is a private enterprise founded in 1985. It is specialized in designing and manufacturing sports equipment for indoor and outdoor sport and leisure facilities. INTERPLASTIC is also a producer of high-quality stainless steel furniture for food industry and display cases for museums.

Our goods are exported to over 50 countries worldwide and were used at several highest level competitions like European Championships (UEFA EURO 2012), World Championships (Handball World Championship 2011, FIVB Volleyball World Championship 2014; IHF World Handball Championship 2015, FIFA World Cup 2018) or Olympic Games (Rio de Janeiro 2016).



production

ISO 9001:2015

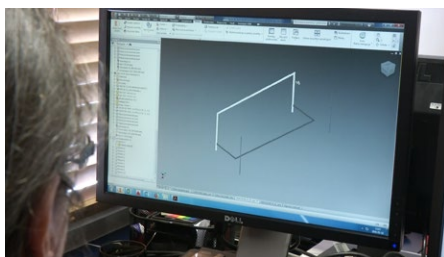
INTERPLASTIC operates in a modern production plant of 10000 sqm manufacturing in accordance with international standards and regulations. INTERPLASTIC is also professional OEM manufacturer that can develop and produce high quality customized products for a reasonable price

INTERPLASTIC processes such materials as metals, wood, glass, epoxy resins and plastics. Currently, the total number of items manufactured exceeds 10000. Throughout more than 35 years of manufacturing sports equipment we gained thousands of satisfied clients. Among them you can find sport clubs, municipalities, schools, wholesalers and many others.



planning

INTERPLASTIC will help you to choose and adjust proper devices in accordance with building conditions, end user's needs, municipality/general contractor requirements and project budget.



designing

INTERPLASTIC works with Autodesk AutoCAD and Autodesk Inventor software. The range of our services includes designing of a custom made product adjusted to building conditions and also implementing our solutions on provided *.dwg files.



installation

INTERPLASTIC provides you complete installation services at any localization. If necessary our experts can provide you training, so your team will be capable to perform the job by themselves.



certificates

INTERPLASTIC means highest quality and maximum safety. All our products are made in accordance to applicable norms and standards. All items were tested and approved by independent institutions.



internal control

Before a new device is implemented in the offer, it goes through several demanding internal tests, which are performed on our testing ground. This gives us the confidence, that the final product is absolutely safe to the future users.



quality

In order to provide highest quality of products INTERPLASTIC has developed its own quality control department. The range of tests includes periodical check-ups of our production line, storage conditions and many others.



Ceiling suspended backboard support units in accordance with EN 1270 and FIBA regulations

BB101.11

Ceiling suspended basketball support structure, designed for sports halls with a height of (FFL-ceiling) between 6 and 10 m. Depending on building conditions, the structure might require an auxiliary construction made of two 120x80x3 mm beams in axial distance of min. 120 cm [sold separately].

The frame can be folded backward, frontward and sideward [the backboard could be turned 360°]. The structure is pulled up with use of provided belt [made of polyester] or steel wire ropes.

The structure is designed to support tempered glass, acrylic glass and epoxy resin backboards with size of 180x105 cm [sold separately].

The main mast is made of steel tube 168,3x4 mm which provides extraordinary high stiffness. The whole structure is protected against corrosion with powder coating [in standard: RAL 9003, other colours upon request].

The backboard is attached to the main [front] frame with use of specially designed grips and U-bolts. This solution allows to adjust the height of a backboard easily.

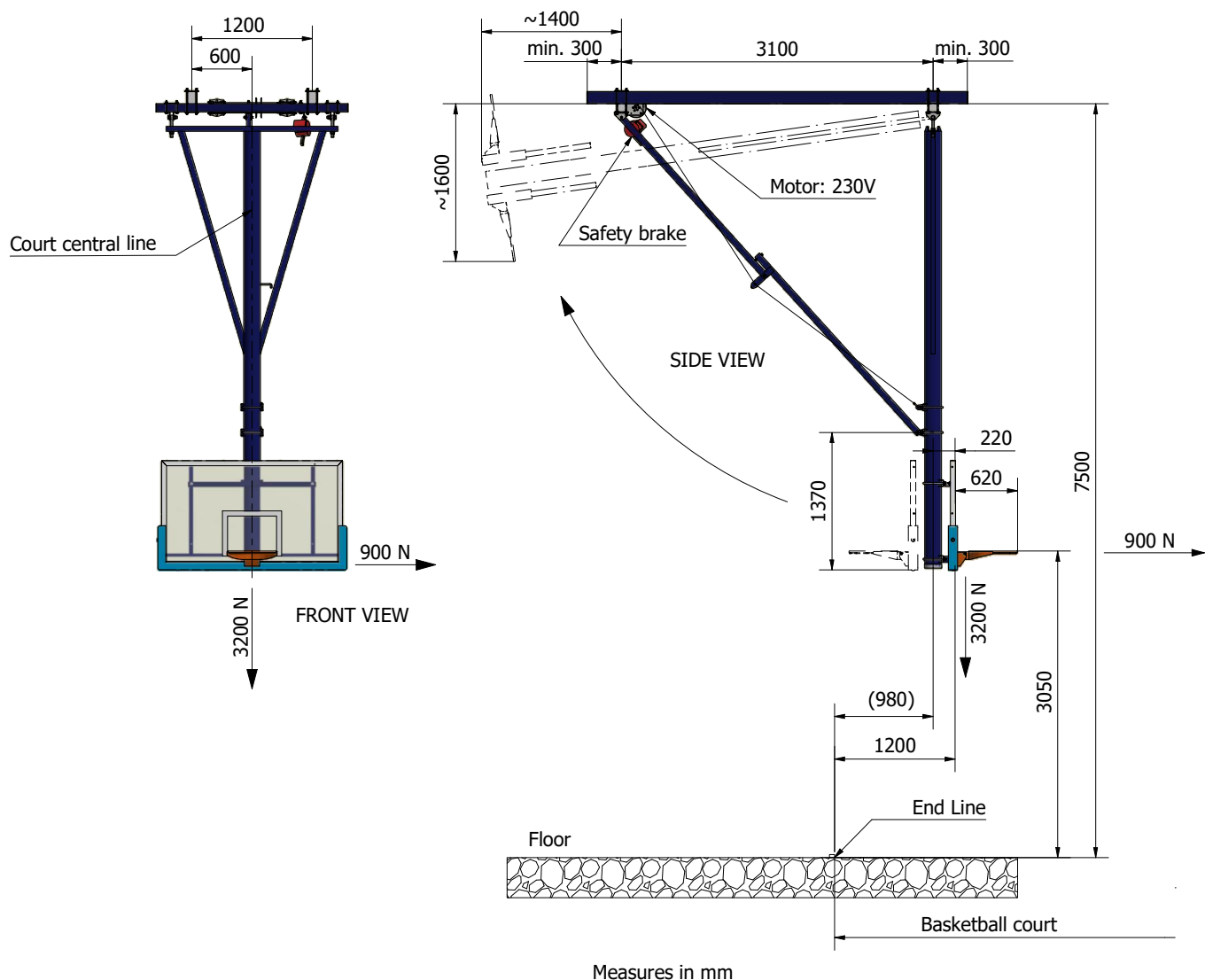
The structure is provided with all necessary assembly elements like bolts, washers, nuts, U-bolts etc. [property class 8.8 or higher].

The construction was tested and certified in accordance to EN 1270:2006 norm [3200 N of vertical force and 900 N of horizontal force] and it meets FIBA requirements.

Device operation: Key switch with deadman's switch function in accordance with DIN 7892:2017.

TESTED AND CERTIFIED IN ACCORDANCE WITH EN 1270

Power and steering supply lines for the motor:	230 V; 50 Hz, 710 W, 3,2 A
From mains to control panel:	3x1,5 mm²
From control panel to motor:	5x1,5 mm²



General data:

Dead load:	~400 kg
Colour:	Standard: WHITE RAL 9003
Folding:	Front, back or side
Width:	1200-3500 mm [w/o aux.]
Min. height:	6000 mm
Max. height:	9000 mm
Destination:	Indoor use
Standard:	EN 1270:2006, FIBA
Type/class [EN 1270]:	Type 5

IMPORTANT NOTICE



Type, size and location of the basketball construction and its auxiliary structure are depending on the building's conditions and they must be considered individually each time

In order to design and manufacture proper auxiliary structure and basketball constructions, the General Contractor / Purchaser is obliged to provide all necessary cross-sections of the hall including detailed drawings of the roof structure and a floor plan with game lines [preferably in DWG file format]

For backboards, rings, nets and other accessories see pages 16-17

BB102.06.14

Load arrestor [self-retracting safety device] 140 kg, galvanized wire 10 m



Ceiling suspended backboard support units in accordance with EN 1270

BB101.01

Ceiling suspended basketball support structure, designed for sports halls with a height of [FFL-ceiling] between 6 and 9 m*. Structure requires an auxiliary construction made of two 120x80x3 mm beams in axial distance of 120 cm [sold separately] with a length of min. 3 m.

The frame can be folded both backwards and frontwards [by flipping the backboard], depending on building conditions. The structure is pulled up with use of provided belts [made of polyester, colour grey, width 35 mm, length: 2880 – 7080 mm].

The structure is designed to support tempered glass, acrylic and epoxy resin backboards with size of 180x105 cm [sold separately].

The structure is made of steel profiles:

Front frame: 60x40x3, 50x30x2 and 30x30x3 mm [powder-coated in white RAL 9003]

Foldable frames: 40x40x2 mm [powder-coated in white RAL 9003]

The backboard is attached to the main [front] frame with use of specially de-

signed grips and U-bolts. This solution allows to adjust the height of a backboard by 15 cm.

All assembly elements [U-bolts, screws, plates, washers, nuts, connecting plates etc.] are included and protected against corrosion by zinc galvanization.

The construction was tested and certified in accordance to EN 1270:2006 norm [3200 N of vertical force and 900 N of horizontal force].

*for higher buildings a special, custom made support structure is needed

Device operation: Key switch with deadman's switch function in accordance with DIN 7892:2017.

TESTED AND CERTIFIED IN ACCORDANCE WITH EN 1270

Power and steering supply lines for the motor:

230 V; 50 Hz, 435 W, 1,9 A

From mains to control panel:

3x1,5 mm²

From control panel to motor:

5x1,5 mm²



Side-folding backboard support structures (manually) in accordance with EN 1270

BB101.03

Side folding backboard support structure projection 120 cm
Side folding backboard support structure projection 170 cm
Side folding backboard support structure projection 225 cm

BB101.03.12
BB101.03.17
BB101.03.22

Wall mounted, side folding / fixed construction with a projection from 0,8 to 2,5 m (steps every 5 cm). Construction made of steel profiles, protected against corrosion by powder-coating. Suitable for all types of backboards with dimensions of 180x105 cm (MDF, acrylic glass, tempered glass, epoxy laminate). Manually folded with a use of a crank.

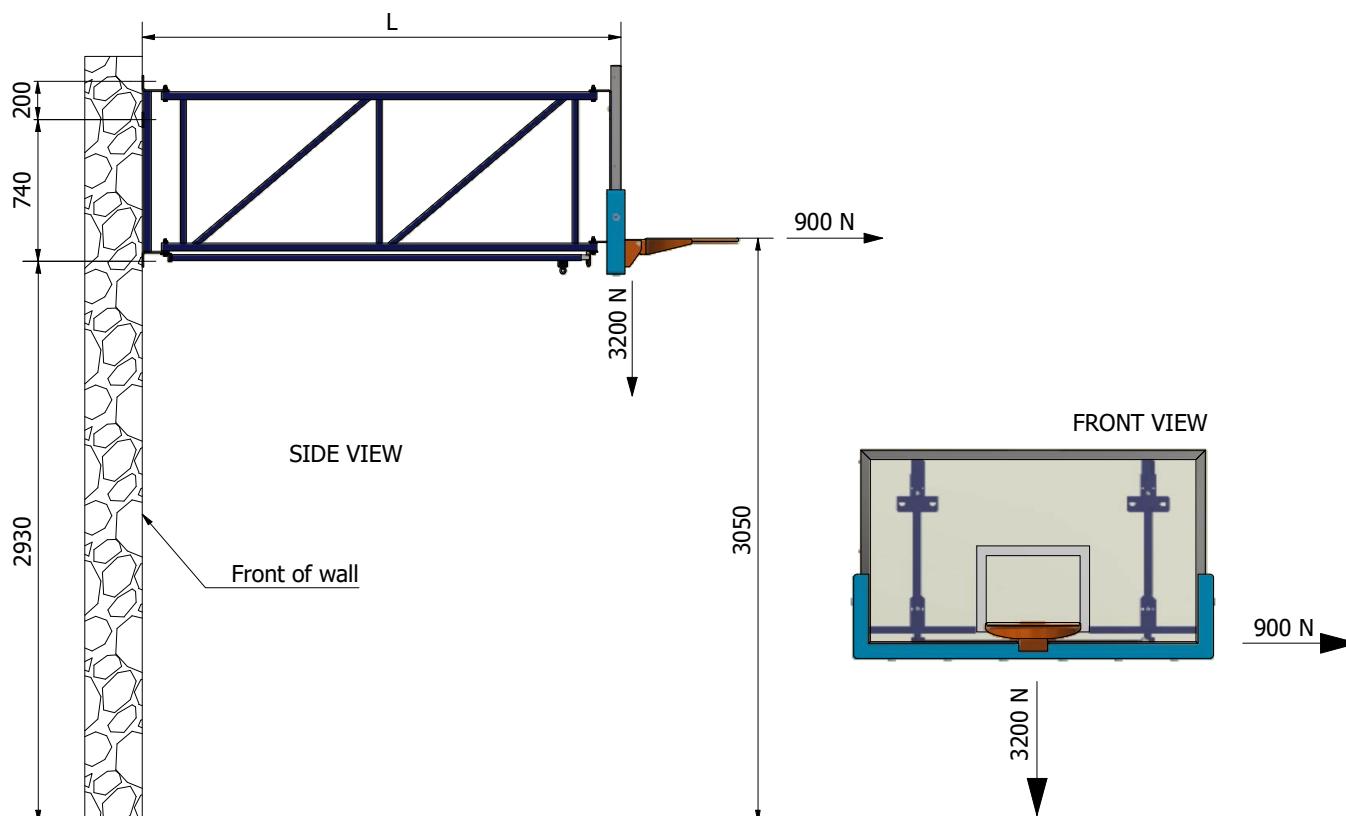
Installation possible only on solid concrete or brick walls. If requested, the construction is provided with manual height adjustment mechanism (260-305 cm).

The construction was tested and certified in accordance with EN 1270 and meets its requirements.

Distance between the wall bracket: 120 cm (axis-axis).

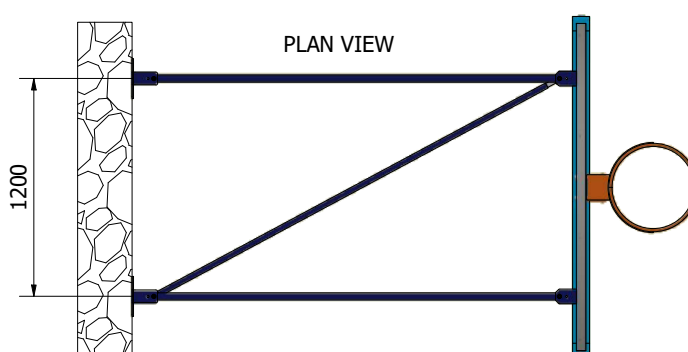
Set contains:

- 2x wall bracket
- 2x projection
- 1x telescopic strut (fixed if the construction is not foldable)
- 2x backboard's grip
- Set of screws



General data:

Min. projection:	0,8 m
Max. projection:	2,5 m*
Dead load:	~200 kg
Standard colour:	White RAL 9003
Folding:	On left or right side
Distance between frames:	1200 mm
Material:	Steel S235
Anticorrosion:	Powder-coating
Destination:	Indoor use
Standard:	EN 1270:2006
Type/class [EN 1270]:	Type 3 (foldable) Type 4 (fixed)



* all basketball structure with projections bigger than 2,5 m need a set of tensioning steel wire ropes and must be designed individually – please contact us to get more details and prices.

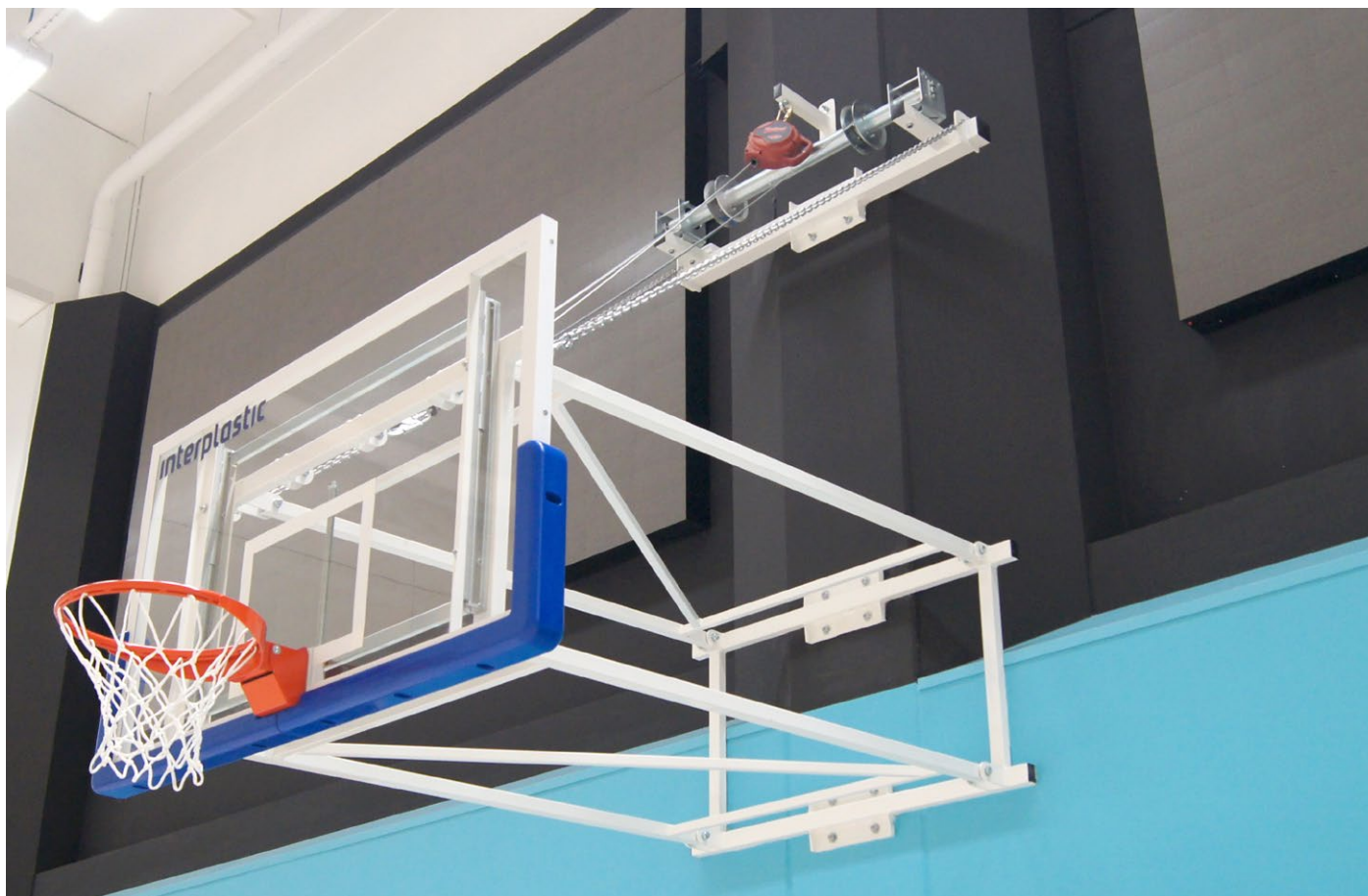
IMPORTANT NOTICE



In order to find the best possible solution for customized wall-mounted basketball structures, it is recommended to provide a floor plan and vertical section of the relevant project.

It is recommended to install the structures on a solid, concrete wall or pillar, preferably using adhesive anchors with a high load capacity

BB102.05.00	Crank handle for the height adjustment mechanism and to unlock the locking pin [for side-folding structures]
BB102.05.21	Height adjustment mechanism [manual] for 180x105 cm MDF backboards
BB102.05.06	Steel, powder-coated frame for attaching a 180x105 cm MDF backboards
BB102.05.12	Height adjustment mechanism [manual] for 180x105 cm tempered glass, acrylic and fiberglass backboards



Electrically folded (upwards) backboard support structures in accordance with EN 1270

BB101.02

Wall mounted basketball construction. Folded up (on the wall) with use of a motor. Made of steel profiles protected against corrosion by powder-coating. Single-phase engine powered with standard 230V, 50 Hz power supply, hidden in a special designed galvanized console, installed on custom-designed brackets. Provided with heavy duty chains. Thanks to applied retracting belts construction works quiet and smooth.

Additional break (load arrestor) provides maximum safety in case of an engine failure (sold separately).

Option: manual height regulation mechanism (260-305 cm).

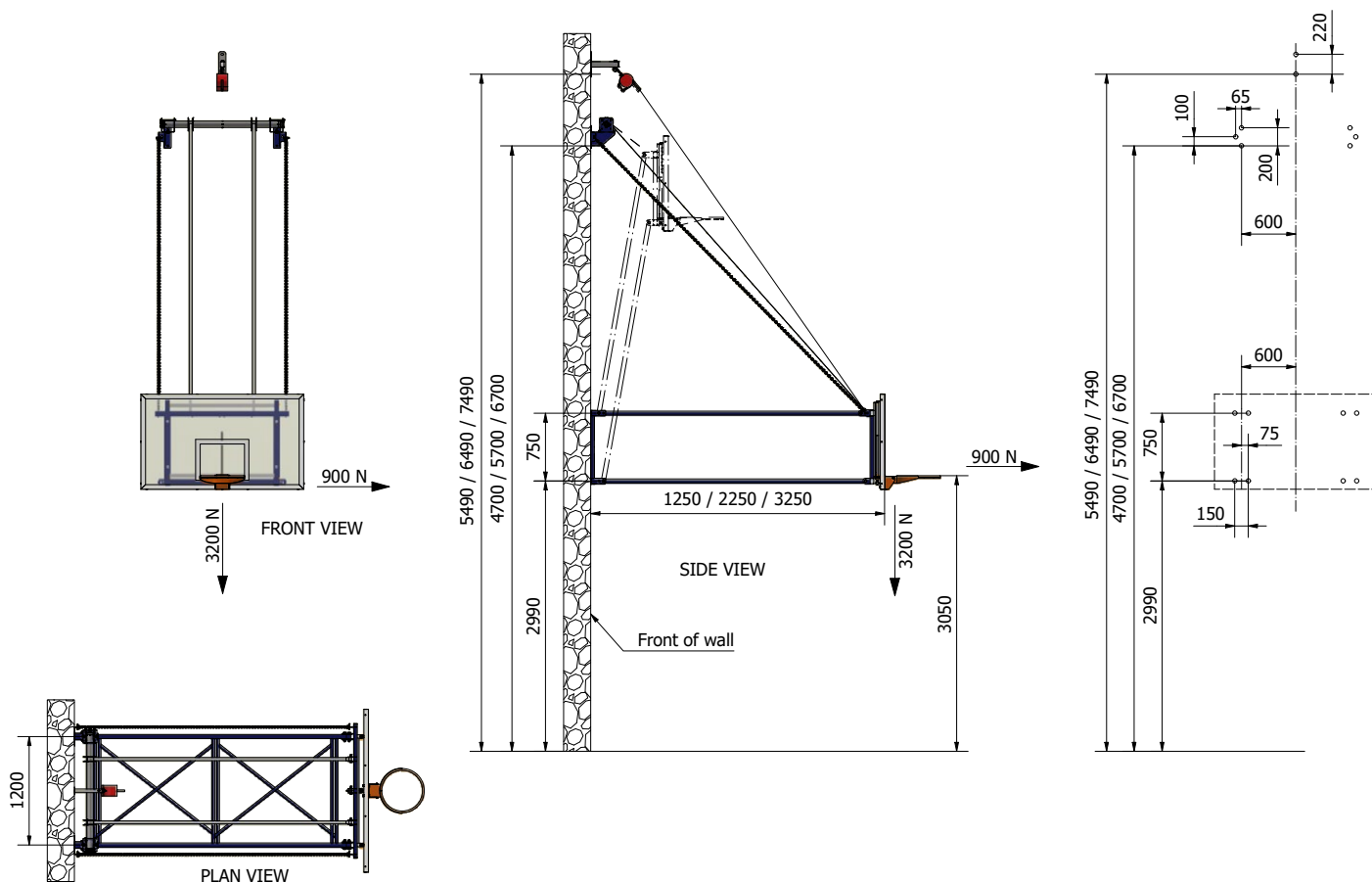
Installation: only on solid concrete walls. It is required to use adhesive anchors and threaded rods for the installation of engines', chains' and safety brake's brackets.

Designed for: 180x150 cm acrylic / tempered glass / laminate backboards.

General data:

Min. projection:	1,25 m
Max. projection:	4,25 m
Dead load:	~300 kg
Standard colour:	White RAL 9003
Folding:	Upwards
Material:	Steel S235
Anticorrosion:	Powder-coating
Destination:	Indoor use
Standard:	EN 1270:2006
Type/class (EN 1270):	Type 3 (foldable)

Power and steering supply lines for the motor:	230 V; 50 Hz, 435 W, 1,9 A
From mains to control panel:	3x1,5 mm ²
From control panel to motor:	5x1,5 mm ²



Tubular drive data:

IMPORTANT NOTICE

In order to find the best possible solution for customized wall-mounted basketball structures, it is recommended to provide a floor plan and vertical section of the relevant project.

Device operation: Key switch with deadman's switch function in accordance with DIN 7892:2017.

BB102.06.14
BB102.05.03

BASKETBALL - BACKBOARD SUPPORT STRUCTURES

120x90 cm backboards' support structures



BB101.04

Wall / pillar mounted fixed construction Dedicated only for 120x90 cm MDF backboards.

- Made of steel profiles
- Anti-corrosion treatment: powder coating
- Standard color: RAL 9003 (other upon request)
- Indoor use only
- Max. projection: 600 mm
- Made in compliance with EN 1270

BB101.04.03

Projection 300 mm

BB101.04.04

Projection 450 mm

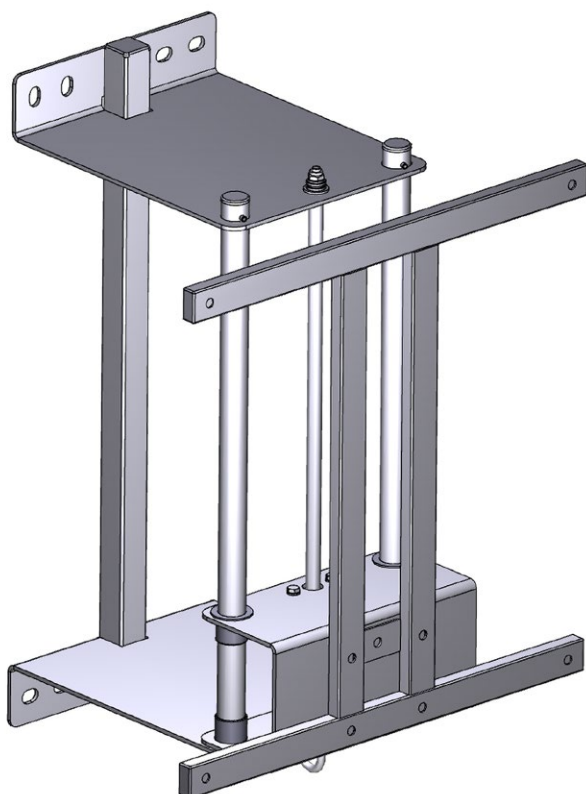
BB101.04.06

Projection 600 mm

MDF BACKBOARD (w/o a support frame).

120x90 cm

BB102.02.07



BB101.05

Wall / pillar mounted fixed construction with integrated height adjustment mechanism.

- Dedicated only for 120x90 cm MDF backboards
- Made of steel profiles and sheets
- Anti-corrosion treatment: powder coating
- In set backboard's support frame
- Crank handle sold separately
- Indoor use only
- Integrated height adjustment mechanism allows to set the height of the ring on 260 cm or 305 cm
- Max. projection: 600 mm
- Made in compliance with EN 1270

BB101.05.03

Projection 300 mm

BB101.05.06

Projection 600 mm

MDF BACKBOARD (w/o a support frame).

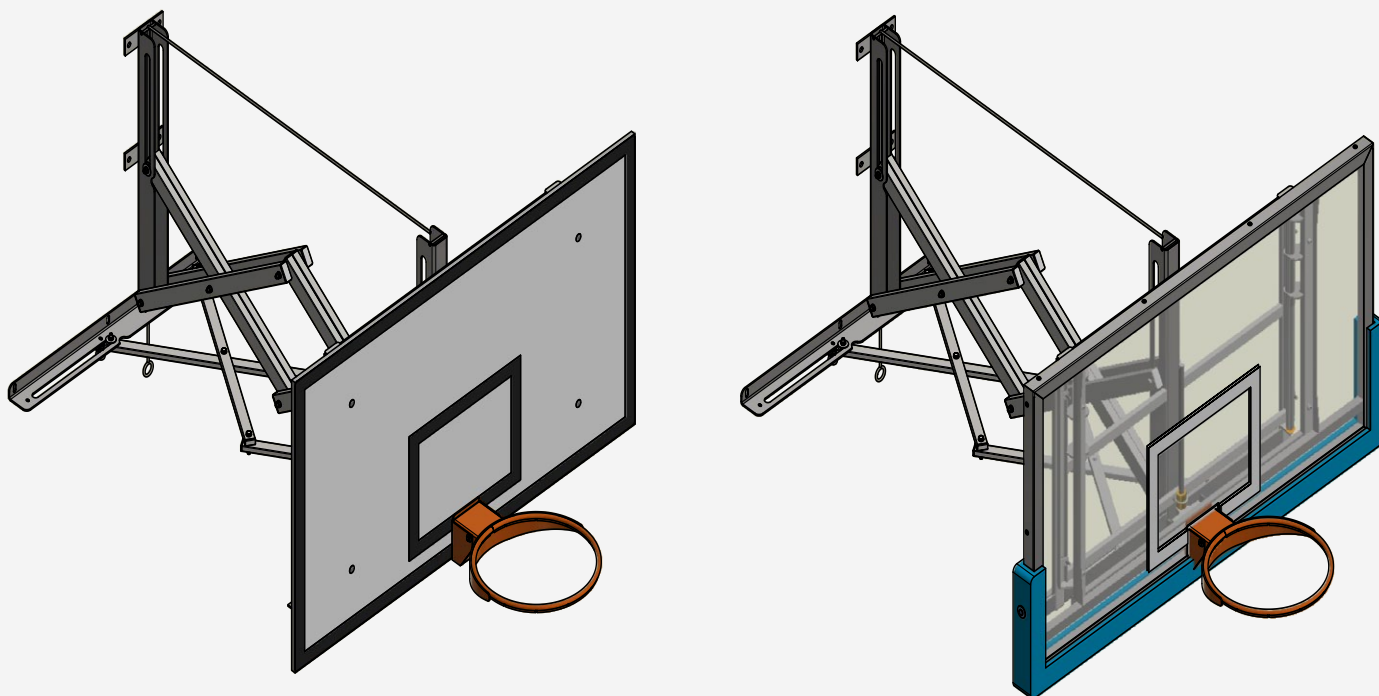
120x90 cm

BB102.02.07



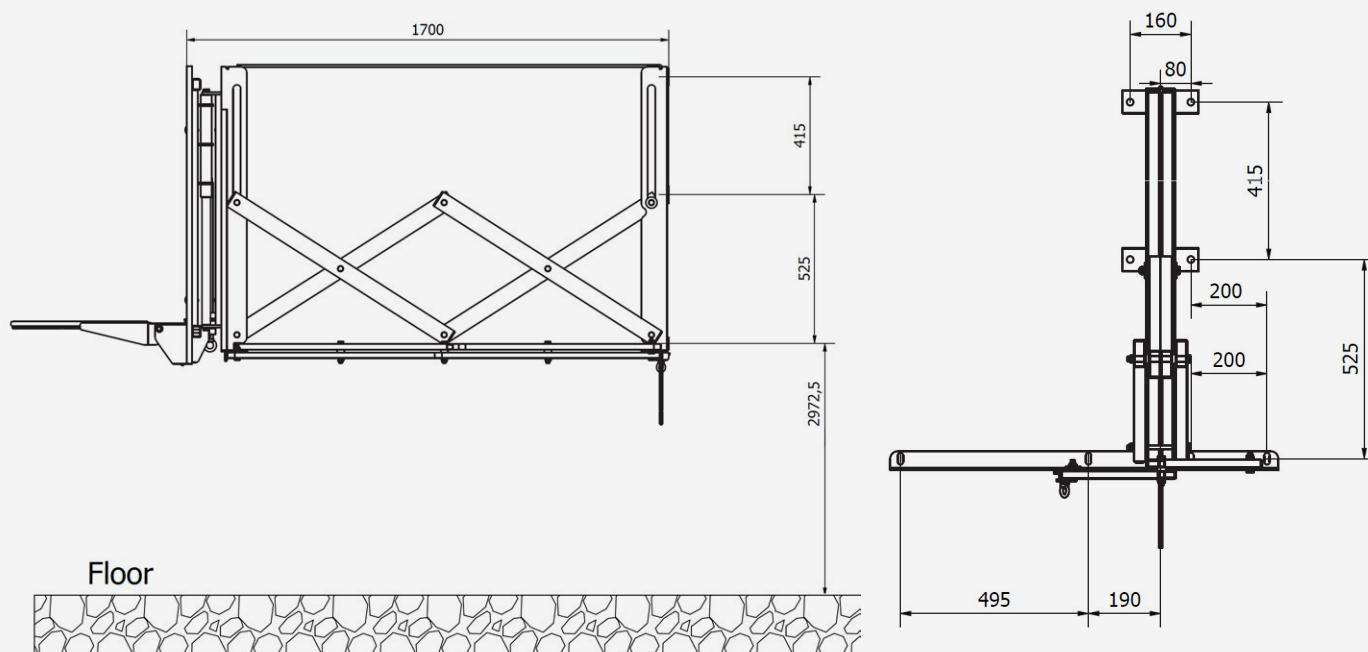
Centrically foldable backboard support structure

BB101.06.17



Scissor type wall-mounted basketball construction 170 cm [retracted centrally].

Basketball wall frame with new support rods. The system is retracted centrally from extended position to the wall. Optimal optical and architectural integration, as there are no protruding parts in both positions. Two novel locking levers which are pivotally coupled via a connecting joint allow a previously unattained stability.



**This backboard support structure is available only with a projection of 170 cm.
Option available: height adjustment [sold separately].**

BASKETBALL - ACCESSORIES

BACKBOARDS

BASKETBALL BACKBOARD MADE OF TEMPERED GLASS (WITH A SUPPORT FRAME)

180x105 cm
120x90 cm

BB102.02.01
N/A

TEMPERED GLASS BACKBOARD on a support steel, powder coated frame. Meets FIBA standards and EN 1270 requirements. Thickness of the glass 12 mm. Due to the support frame construction and a cutout in the glass, the ring is installed directly to the support structure extending product life (heavy dunks resistant). Target zone lines in accordance to EN 1270.



ACRYLIC BASKETBALL BACKBOARD (WITH A SUPPORT FRAME)

180x105 cm
120x90 cm

BB102.02.02
BB102.02.03

ACRYLIC BASKETBALL BACKBOARD on a support frame made of steel (powder coated in any RAL colour). Meets EN 1270 requirements. Thickness of the glass 12 mm. Due to the support frame construction and a cut-out in the glass, the ring is installed directly to the support structure extending product life (heavy dunks resistant). Target zone lines in accordance to EN 1270.



BASKETBALL BACKBOARD MADE OF MDF (WITH A SUPPORT FRAME)

180x105 cm
120x90 cm

BB102.02.16
BB102.02.17

MDF BASKETBALL BACKBOARD on a support frame made of steel (powder coated in any RAL colour). Thickness: 19 mm (54 mm including the support frame). Without a cut-out (only 4 holes for the ring installation). Colour white, black markings in accordance with EN 1270. Dedicated for wall-mounted and ceiling suspended constructions.

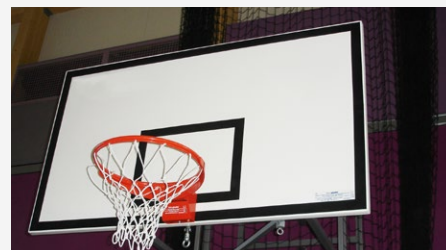


LAMINATED FIBREGLASS BACKBOARD ON A SUPPORT FRAME 180X105 CM

180x105 cm
120x90 cm

BB102.02.04
BB102.02.05

LAMINATED FIBREGLASS BASKETBALL BACKBOARD WITH AN MDF CORE, installed on a support frame made of steel (powder coated in any RAL colour). Thickness: 20 mm, 60 mm total (incl. the support frame). Without a cut-out (only 4 holes for the ring installation drilled). Colour white, black markings in accordance with EN 1270. Dedicated for wall-mounted and ceiling suspended constructions.



MDF WITH HEIGHT ADJ. MECHANISM (MANUAL)

180x105 cm

BB102.02.26

MDF BASKETBALL BACKBOARD installed on a frame with integrated height adjustment mechanism (manual). Black markings and holes for rings installation in accordance with EN 1270. Colours: backboard – white, support frame – white (other colour upon request). Crank handle not included.



MDF BACKBOARD (w/o a support frame).

180x105 cm
120x90 cm

BB102.02.06
BB102.02.07

LAMINATED FIBREGLASS BACKBOARD (w/o a support frame).

180x105 cm
120x90 cm

BB102.02.08
BB102.02.09

HEIGHT ADJUSTMENT MECHANISM (MANUAL)

180x105 cm

120x90 cm

Height adjustment mechanism (manual) for tempered glass, acrylic and epoxy laminate BB-Backboards. Dedicated for wall mounted and ceiling suspended constructions. Crank handle not included.

BB102.05.12

BB102.05.13



SUPPORT FRAME FOR 180X105 CM MDF BACKBOARD

BB102.05.06

Steel support frame for 180x105 cm MDF backboards. Powder coated in white RAL 9003.



SUPPORT FRAME FOR 120X90 CM MDF BACKBOARD

BB102.05.07

Steel support frame for 120x90 cm MDF backboards. Powder coated in white RAL 9003.



CRANK HANDLE

BB102.05.00

Crank handle for height adjustment mechanisms and side-foldable basketball structures, zinc galvanized.



SELF-RETRACTING SAFETY DEVICE (LOAD ARRESTOR)

BB102.06.14

Safety device, that prevents from accidents in case of an engine, belt, steel wire or any other consumable elements failure.



DUNK RING PRO

BB102.01.01

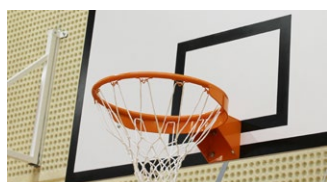
Professional dunk ring. Made of steel, in accordance to EN 1270. Color RAL 2002 (blood orange). Hookless net installation (12 points). Springs tension and ring's level are adjustable. Ring made of full, 18 mm rod. Net sold separately.



DUNK RING STD

BB102.01.02

Training dunk ring. Made of steel, in accordance to EN 1270. Color RAL 2008 (orange). Hookless net installation (12 points). Net sold separately.



FIXED RING STD

BB102.01.03

Standard basketball ring. Made of steel. 12 hooks for attaching the net. Net sold separately. Max. load: 240 kg.



FIXED RING BASIC

BB102.01.04

Basic basketball ring. Made of steel. 12 hooks for attaching the net. Net included.



BACKBOARD EDGE PADDING PRO

180x105 cm

BB102.03.18

120x90 cm

BB102.03.12

Bolt-On Backboard Edge Padding made of polyurethane foam. Available in black, red and blue.



BACKBOARD EDGE PADDING STD

180x105 cm

BB102.03.28

120x90 cm

BB102.03.22

Backboard Edge Padding made of EVA foam. Available in black, red and blue.



BASKETBALL NET

PP 5 mm

BB102.04.01

PES 6 mm

BB102.04.06

Basketball net with 12 points of attachment. Colour white.



KEY SWITCH

BB102.05.03

Surface mounted key switch ("Hold to Run")

CLIMBING FRAMES



CLIMBING FRAMES HOISTABLE

GM706.02

Electrically hoisted construction for attaching a climbing frame. Steel frame installed directly on a wall, protected against corrosion by powder-coating in any RAL colour [standard white RAL 9010].

Set contains:

- Wall structure adapted to the building's conditions
- Triple or quadruple climbing frame, 4,8 m high
- 80 Nm motor installed in a special, galvanized casing
- Two polyester belts, 35 mm width
- Self-retracting safety device's bracket
- Steel floor anchors, 75 mm diameter

The frame is locked in proper position with use of floor anchors (included in set). Climbing frame made of pine wood [vertical elements] and beech plywood [staves], lacquered with transparent, non-toxic, water-based lacquers.

Device operation: Key switch with deadman's switch function in accordance with DIN 7892:2017.

Self-retracting safety device sold separately.

Type:	3x	4x
Index:	GM706.02.03	GM706.02.04

Dimensions [in mm]

Ladder's height:	4800	4800
Ladder's width:	1720	2280
Width required:	~2500	~3000
Height required:	~8300	~8300
Depth required:	1060	1060
Total width:	2226	2726
Total height:	8060	8060

Power and steering supply lines for the motor:

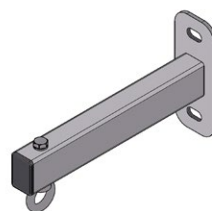
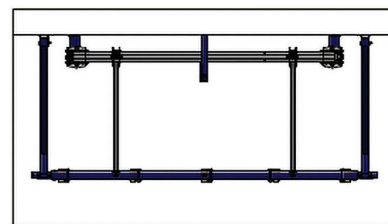
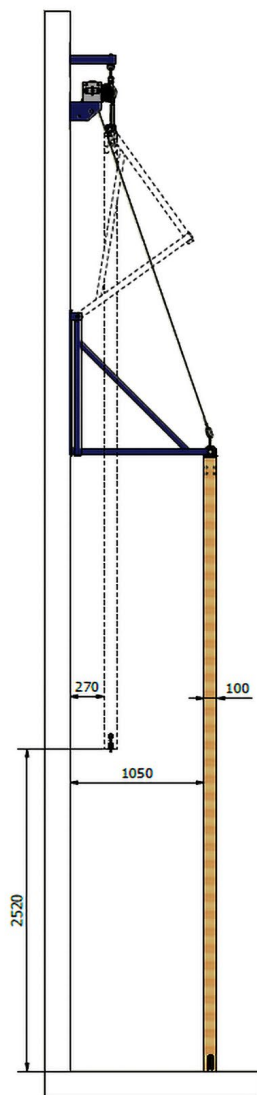
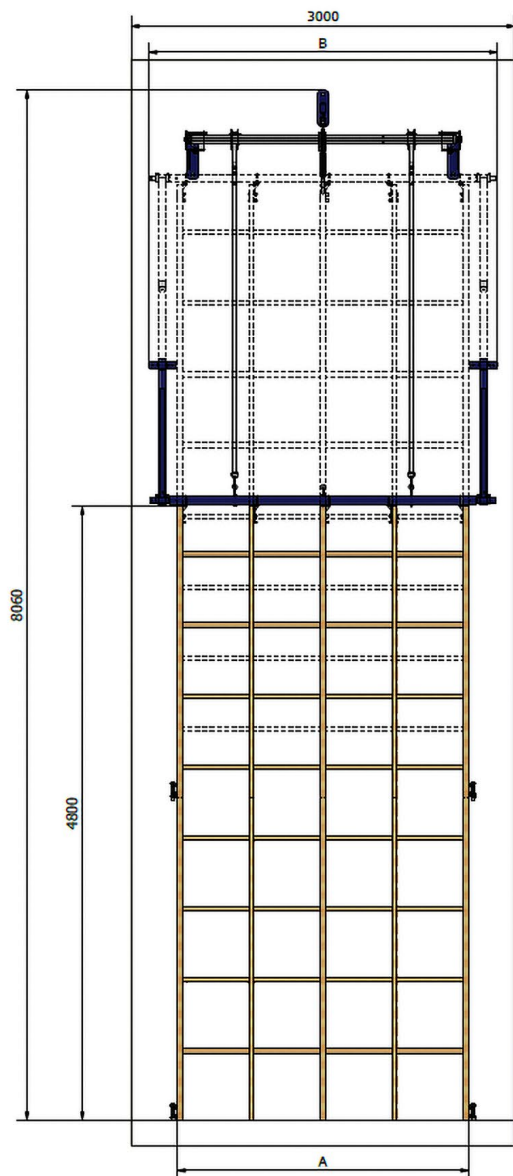
230 V; 50 Hz, 310 W, 1,4 A

From mains to control panel:

3x1,5 mm²

From control panel to motor:

5x1,5 mm²



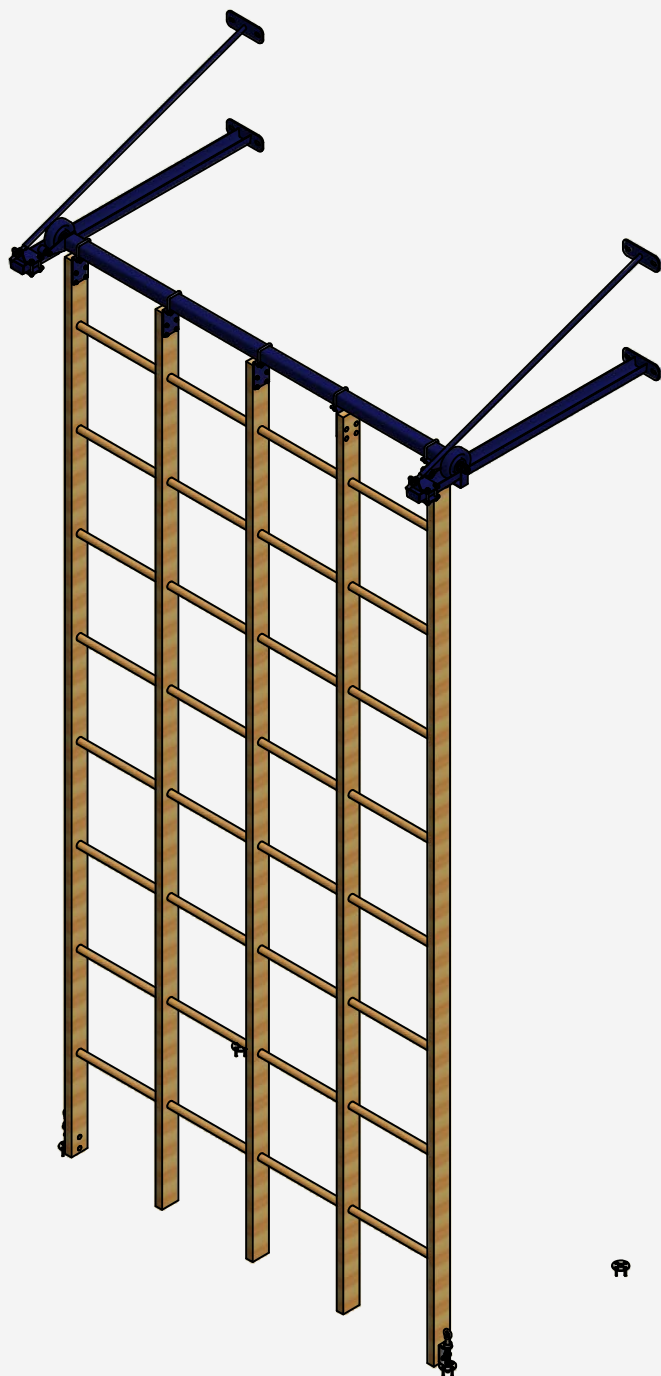
Motor in a galvanize casing for hoistable lattice ladder
GM703.13.02

Grip for attaching the safety device
GM703.13.03

Load arrestor [self-retracting safety device] 140 kg, galvanized wire 10 m
BB102.06.14

Tubular drive data:

Torque [Nm]	80
Speed [rpm]:	11
Supply voltage:	230V AC, 50 Hz
Connected load [W]:	310
Current [A]:	1,4
Protection:	IP 44



GM706.01

CLIMBING FRAME ROLLABLE

Manually folded (rollable) construction for installing climbing frame. Steel frame installed directly on a wall, protected against corrosion by powder-coating in any RAL colour (standard white RAL 9010).

Set contains:

- Wall structure adapted to the building's conditions
- Triple or quadruple climbing frame, 4,8 m high
- Steel floor anchors, 75 mm diameter

Climbing frame is locked in "open" position with the use of two floor anchors. In order to prevent self-opening, the bars are locked in an additional floor anchor, installed next to the wall.

Climbing frame made of pine wood (vertical elements) and beech plywood (staves), lacquered with transparent, non-toxic, water-based lacquers.

Type:	3x	4x
Index:	GM706.01.03	GM706.01.04

Dimensions [in mm]

Frame's height:	4800	4800
Frame's width:	1720	2280
Width required:	2400	2960
Height required:	5500	5500
Depth required:	1452	1452
Total width:	2108	2668
Total height:	5430	5430

SUPPORT STAND FOR CLIMBING BARS (3-4)

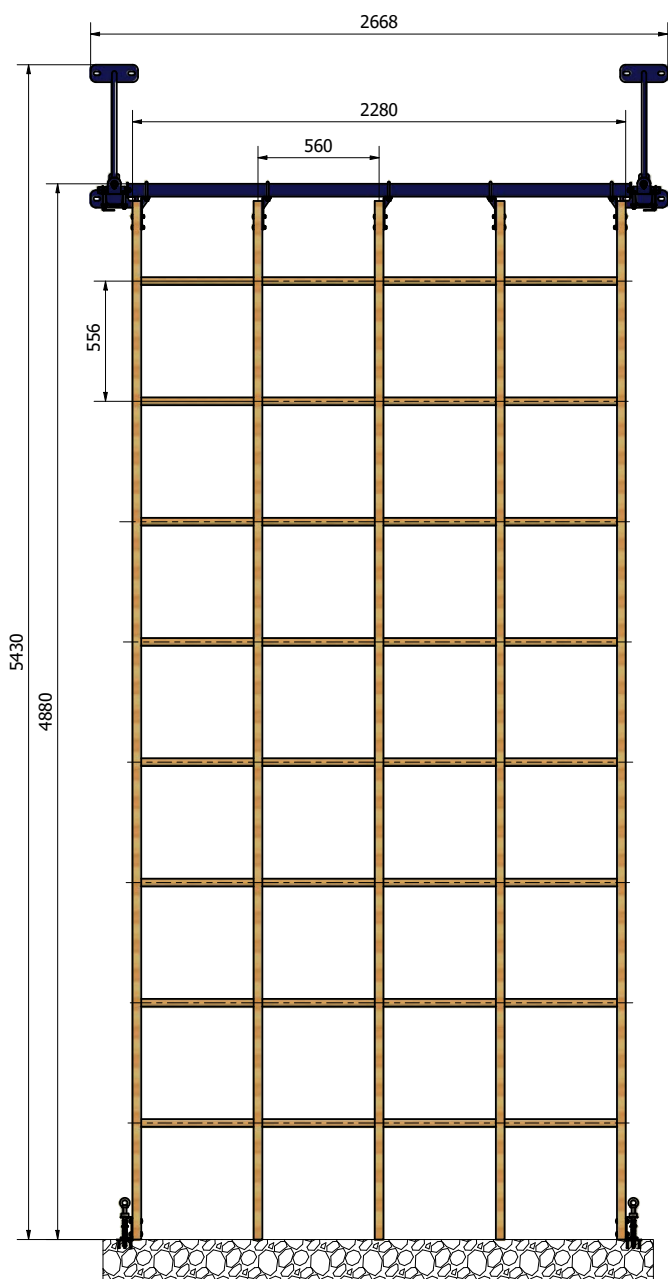
Tubular steel structure with wooden rest for sloping the position of the wall bars. Designed for 3-4 poles or triple lattice ladder.

GM707.03.04

SUPPORT STAND FOR CLIMBING BARS (5-6)

Tubular steel structure with wooden rest for sloping the position of the wall bars. Designed for 3-4 poles or triple lattice ladder.

GM707.03.06



Climbing frame triple.

Height: 4800 mm

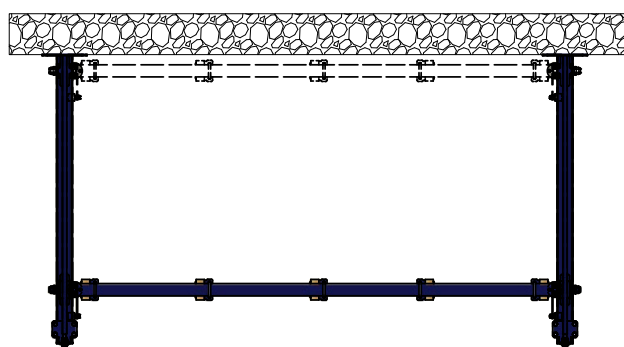
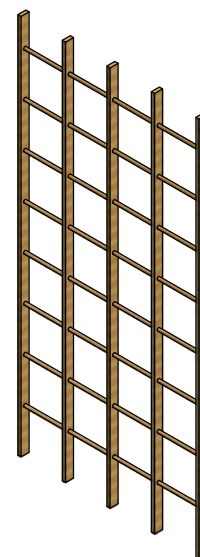
Width: 1720 mm

Sides: solid pine wood

Staves: beech plywood

Lacquered with non-toxic, transparent lacquer

GM706.01.23



Climbing frame quadruple.

Height: 4800 mm

Width: 2280 mm

Sides: solid pine wood

Staves: beech plywood

Lacquered with non-toxic, transparent lacquer

GM706.01.24

CLIMBING POLES Hoistable

Electrically hoisted construction with climbing poles. Steel frame installed directly on a wall, protected against corrosion by powder-coating in any RAL colour [standard white RAL 9010].

Set contains:

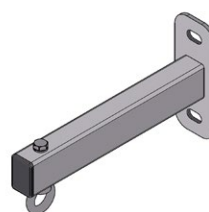
- 3, 4, 5 or 6 climbing poles, 4,9 m long
- 80 Nm motor installed in a special, galvanized casing
- Two polyester belts, 35 mm width
- Self-retracting safety device's bracket
- Steel floor anchors, 75 mm diameter

Climbing poles made of steel pipe [42,4x2,9 mm], zinc galvanized, length 4,9 m. The construction is locked in "open" position with use of two floor anchors. Device operation: Key switch with deadman's switch function in accordance with DIN 7892:2017.

Self-retracting safety device sold separately.



Motor in a galvanize casing for hoistable climbing bars
GM703.13.02



Grip for attaching the safety device
GM703.13.03



Load arrestor [self-retracting safety device] 140 kg, galvanized wire 10 m
BB102.06.14



Power and steering supply lines for the motor:

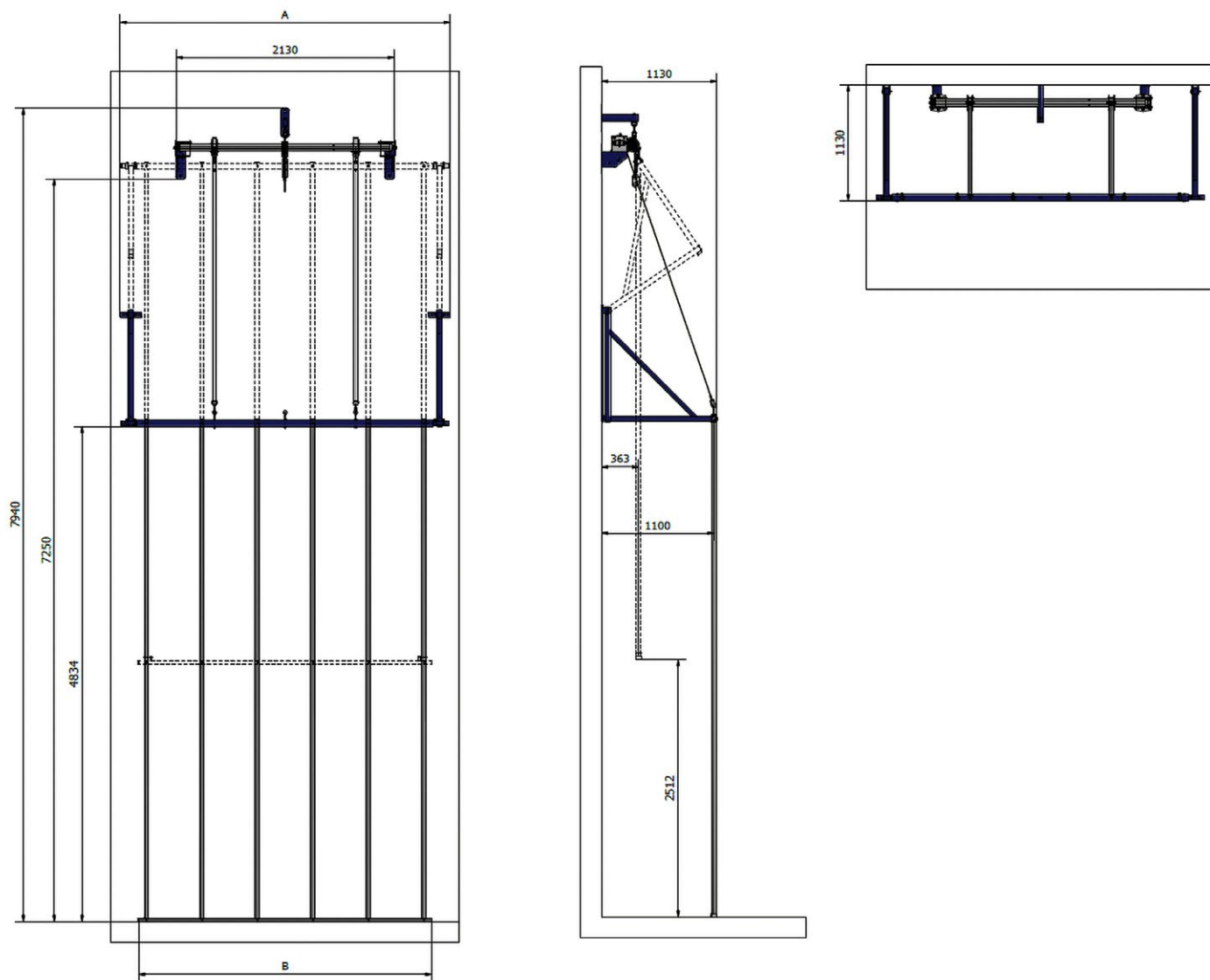
230 V; 50 Hz, 310 W, 1,4 A

From mains to control panel:

3x1,5 mm²

From control panel to motor:

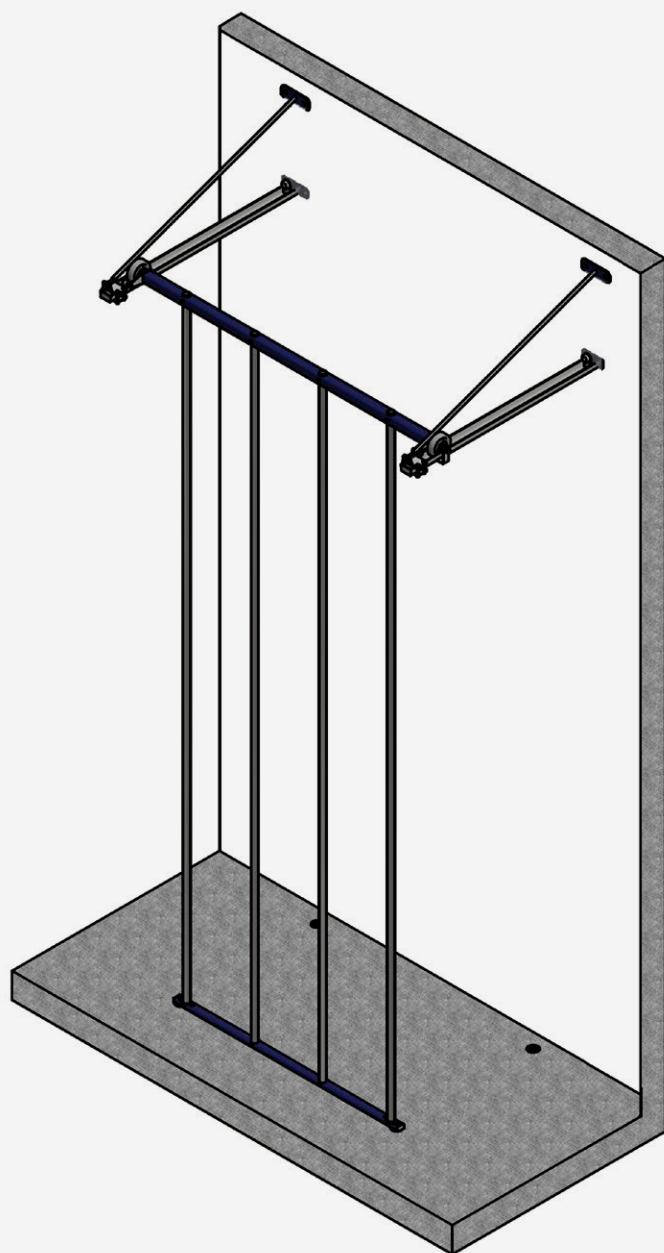
5x1,5 mm²



Type:	3x	4x	5x	6x
Index:	GM707.01.03	GM707.01.04	GM707.01.05	GM707.01.06
Poles' length:	4900	4900	4900	4900
Poles' diameter:	42,4	42,4	42,4	42,4
Width required:	~2500	~2500	~3000	~3500
Height required:	~8000	~8000	~8000	~8000
Depth required:	1130	1130	1130	1130
Total width:	2226	2226	2726	3226
Total height:	7940	7940	7940	7940

Tubular drive data:

Torque [Nm]	80
Speed [rpm]:	11
Supply voltage:	230V AC, 50 Hz
Connected load [W]:	310
Current [A]:	1,4
Protection:	IP 44



CLIMBING POLES Rollable

Manually folded (rollable) construction with climbing poles. Steel frame installed directly on a wall, protected against corrosion by powder-coating in any RAL colour (standard white RAL 9010).

Set contains:

- 3, 4, 5 or 6 climbing poles, 4,9 m long
- Steel floor anchors, 75 mm diameter

Climbing poles made of steel pipe (42,4x2,9 mm), zinc galvanized, length 4,9m. The construction is locked in the "open" position with the use of two floor anchors. In order to prevent self-opening, the bars are locked in an additional floor anchor, installed next to the wall.

Type	Index
GM707.01.03	3 poles
GM707.01.04	4 poles
GM707.01.05	5 poles
GM707.01.06	6 poles

SUPPORT STAND FOR CLIMBING BARS (3-4)

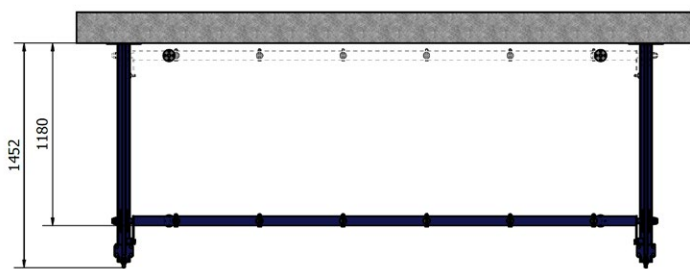
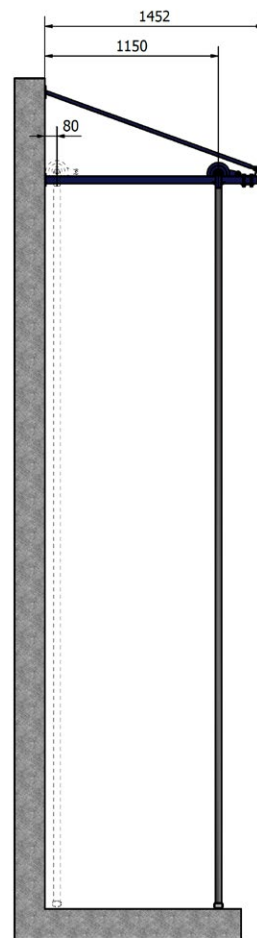
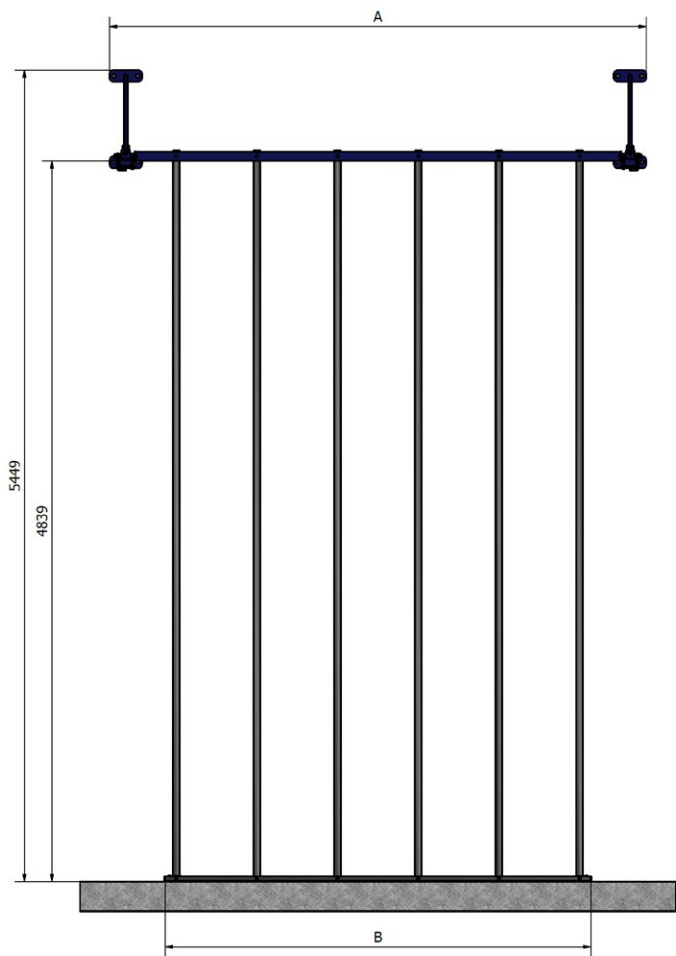
Tubular steel structure with wooden rest for sloping the position of the wall bars. Designed for 3-4 poles or triple lattice ladder.

GM707.03.04

SUPPORT STAND FOR CLIMBING BARS (5-6)

Tubular steel structure with wooden rest for sloping the position of the wall bars. Designed for 3-4 poles or triple lattice ladder.

GM707.03.06



Dimension (in mm):

Number of poles	A	B
3 poles	2108	1234
4 poles	2608	1776
5 poles	3108	2318
6 poles	3608	2860

IMPORTANT NOTICE



Please be advised, that both the length of the climbing poles and the depth of the wall mounted support structure can be customized in accordance to buildings conditions [adjusted to existing niches or impact walls].

CLIMBING ROPES



CLIMBING ROPES

GM702.01

Construction for hanging climbing ropes with sliding rail. Made of steel, protected against corrosion by powder-coating. In standard the rail is attached to a steel beam 80x80x3 mm.

The construction is delivered with:

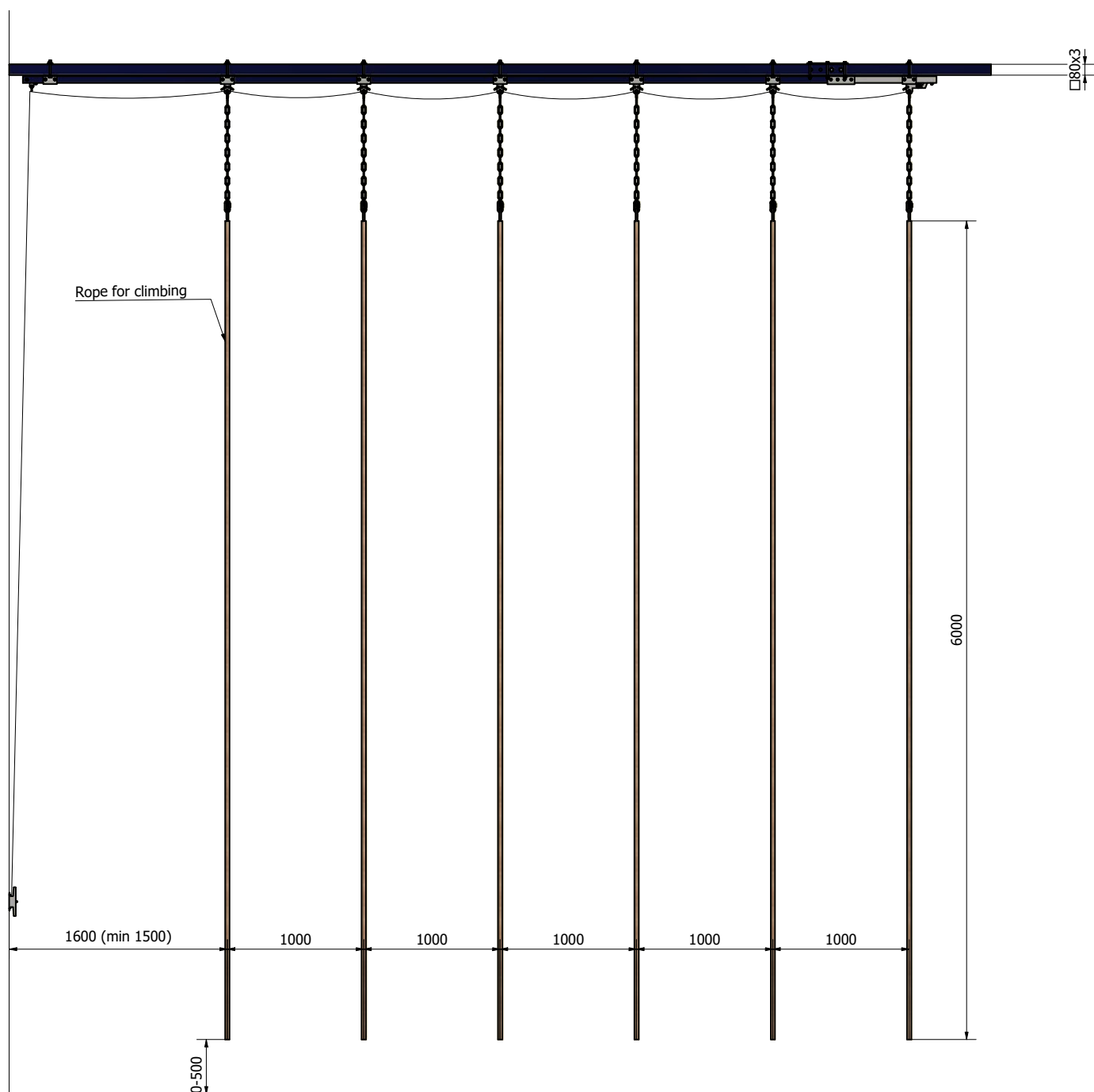
- Customized brackets, adjusted to the roof structure
- Set of trolleys with
- Chains connecting the guiding trolley with mid-trolleys
- Polypropylene rope for releasing the safety lock
- Cleat for winding the PP rope

Index:

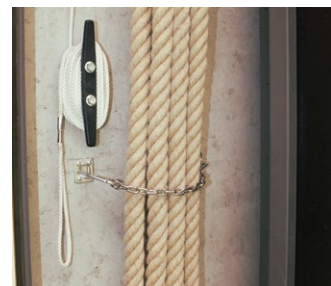
GM702.01.02
GM702.01.03
GM702.01.04
GM702.01.05
GM702.01.06
GM702.01.07
GM702.01.08

Number of ropes:

2
3
4
5
6
7
8



- GM702.03.01** Rope holder with locking chain
- GM702.03.02** Cleat with extension plugs and screws
- GM702.02.30** Climbing ropes - 3m
- GM702.02.40** Climbing ropes - 4m
- GM702.02.50** Climbing ropes - 5m
- GM702.02.60** Climbing ropes - 6m





VARIO-SWING-CLIMBING SYSTEM FIXED

GM701.01

Ceiling suspended construction for hanging gymnastic rings or climbing / swinging accessories. Tested and certified in accordance with EN 12655. Made of steel profiles, protected against corrosion by powder-coating. Standard color of the structure: RAL 9010 white. Provided with auxiliary structure [80x80x3 mm steel beam] with a proper amount of custom-designed mounting hangers for wood, steel or concrete joists.

In set:

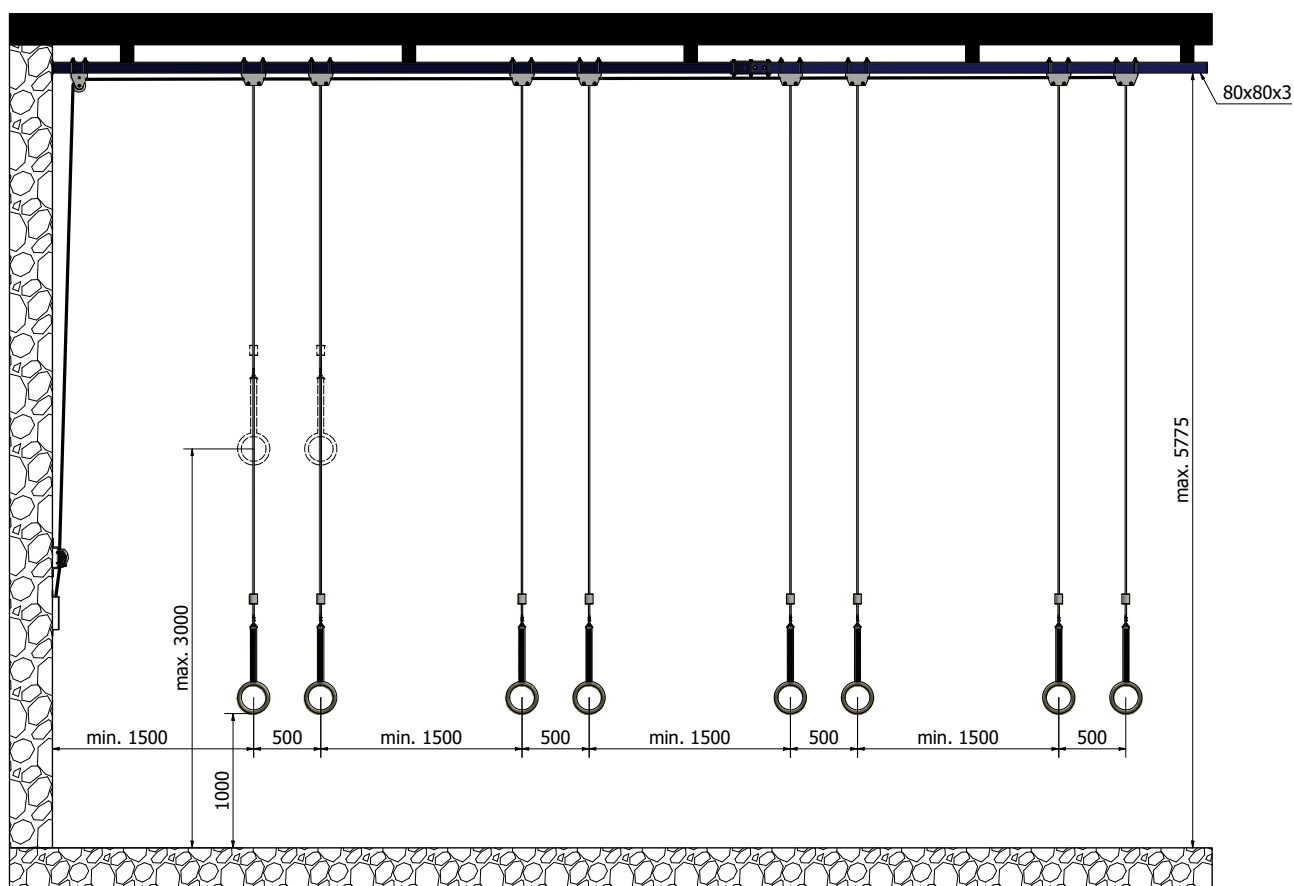
- Special locking device for ropes, on a mounting plate
- Steel, zinc galvanized cleat
- DIN 5299D carabiners
- 10,5 mm certified ropes [one end with a loop]
- Rubber ballasts

Accessories [sold separately]:

- Professional rings 28 mm thick, diameter in accordance to EN 12655, on certified belts
- Trapeze bar made of wood, with pair of M10x100 mm carabiners DIN 5299D

Index:
GM701.01.01
GM701.01.02
GM701.01.03
GM701.01.04

Number of rings:
1 pair
2 pairs
3 pairs
4 pairs



Professional wooden rings on certified belts. Diameter 28 mm [in accordance to EN 12655]
GM701.02.28



Cleat for hanging ropes. Steel, zinc-galvanized.
GM701.03.03



Ropes' deflector. Steel, zinc-galvanized.
GM701.03.04



Ropes' clamping device [double] on an installation plate
GM701.03.02



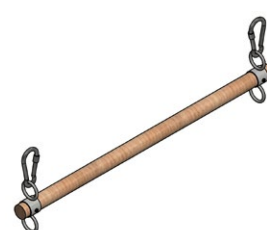
Carabineer DIN 5299D
GM701.03.99



Rubber sphere ~1,5 kg [for burdening the ropes]
GM701.03.15



Ropes 10.5 mm [1 end with sewn loop]
GM701.03.10



Trapeze bar made of wood [34 mm] with pair of carabineers
GM701.03.34



VARIO-SWING-CLIMBING SYSTEM ELECTRICALLY HOISTABLE

GM701.02

Ceiling suspended construction for hanging gymnastic rings or climbing / swinging accessories hoistable with use of a motor. Tested and certified in accordance with EN 12655. Made of steel profiles, protected against corrosion by powder-coating. Standard color of the structure: RAL 9010 white. Provided with auxiliary structure [80x80x3 mm steel beam] with a proper amount of custom-designed mounting hangers for wood, steel or concrete joists.

In set:

- Special locking device for ropes, on a mounting plate
- Steel, zinc galvanized cleat
- DIN 5299D carabineers
- 10,5 mm certified ropes [one end with a loop]
- Rubber ballasts
- Bracket for attaching the safety device
- 120 Nm motor in special casing

Device operation: Key switch with deadman's switch function in accordance with DIN 7892:2017.

Accessories [sold separately]:

- Professional rings 28 mm thick, diameter in accordance to EN 12655, on certified belts
- Trapeze bar made of wood, with pair of M10x100 mm carabineers DIN 5299D
- Self-retracting [safety] device

Index:

GM701.02.02

GM701.02.03

GM701.02.04

Number of rings:

2 pairs

3 pairs

4 pairs

Power and steering supply lines for the motor:

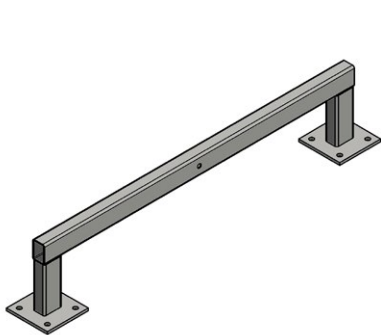
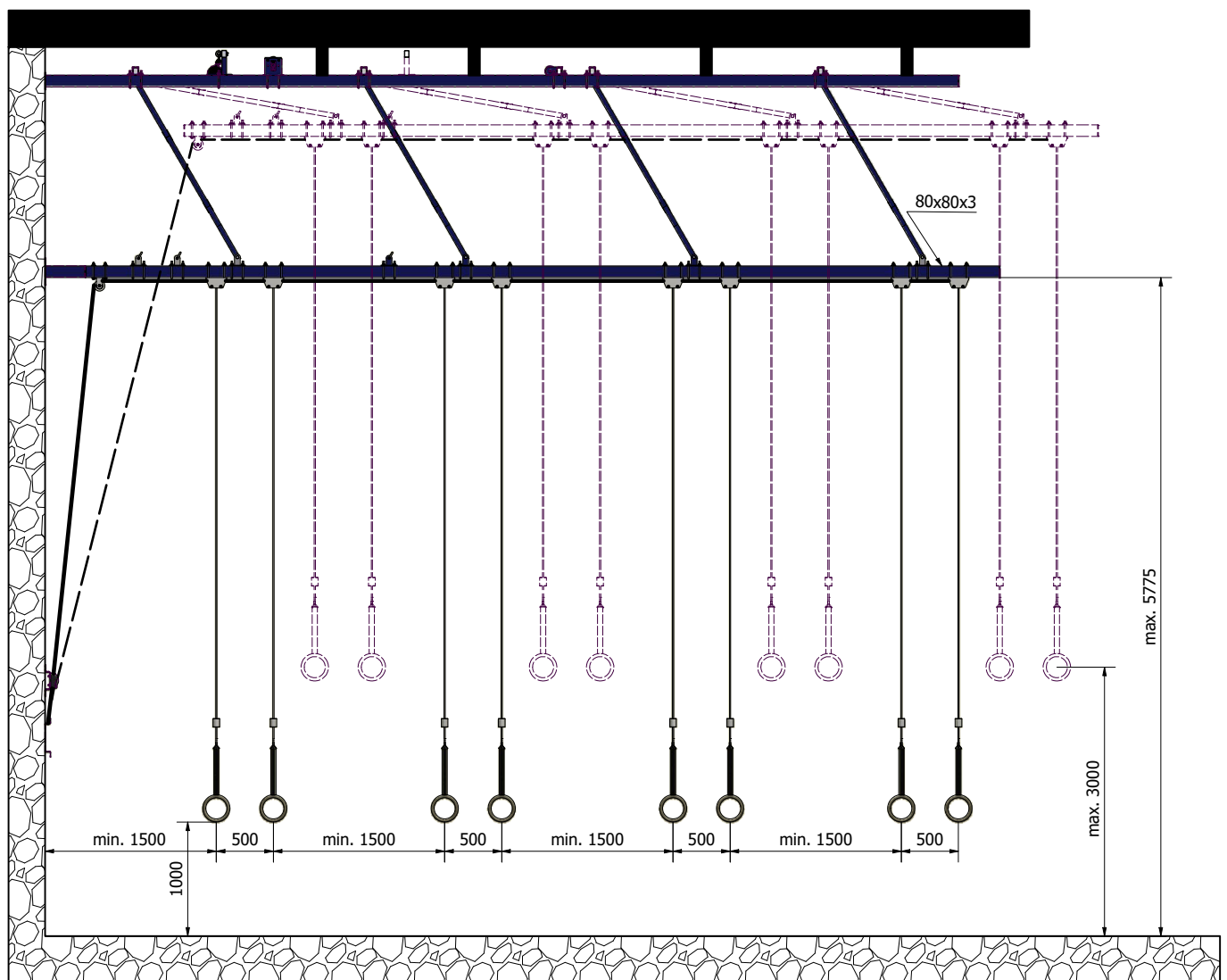
230 V; 50 Hz, 310 W, 1,4 A

From mains to control panel:

3x1,5 mm²

From control panel to motor:

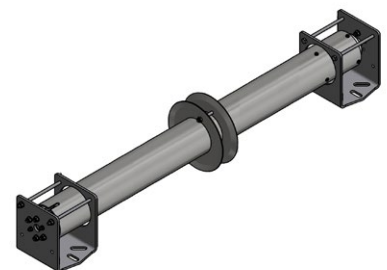
5x1,5 mm²



Grip for attaching the load arrestor [self-retracting safety device]
GM701.02.14



Load arrestor [self-retracting safety device] 140 kg, galvanized wire 10 m
BB102.06.14



120 Nm motor [230V, 50 Hz] in a steel casing
GM701.02.12

HORIZONTAL BARS



HORIZONTAL BARS

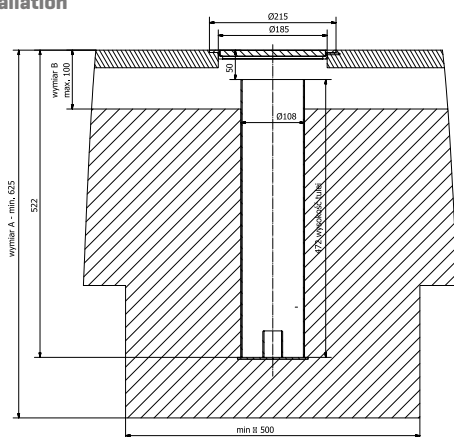
GM704.01

FREESTANDING HORIZONTAL BAR

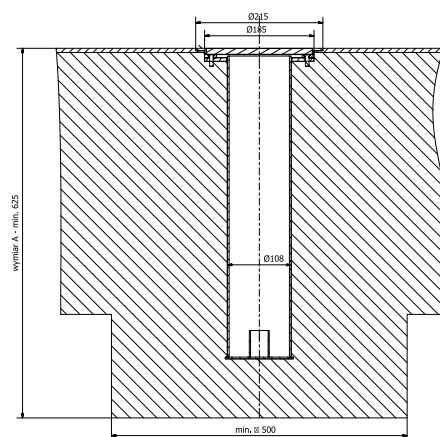
Horizontal bar, socketed, single or double-field. Uprights made of anodized aluminum round profile ($\varnothing 100$, wall thickness 5 mm), 19 levels of height adjustment in 10 cm increments [bar height 80-260 cm]. Set includes: ground sockets made of stainless steel [ANSI 1.4305, $\varnothing 108$, depth 472 mm], socket clamping device, horizontal bars made of steel $\varnothing 28$ mm, with fork head on both sides and securing wedges.

Index:	Item
GM704.00.01	100 mm diameter post
GM704.00.28	Stainless steel bar
GM704.03.50	Ground socket (for suspended floors)
GM704.03.51	Ground socket (for non-suspended floors)
GM704.00.44	100 mm diameter post with holes on 4 sides

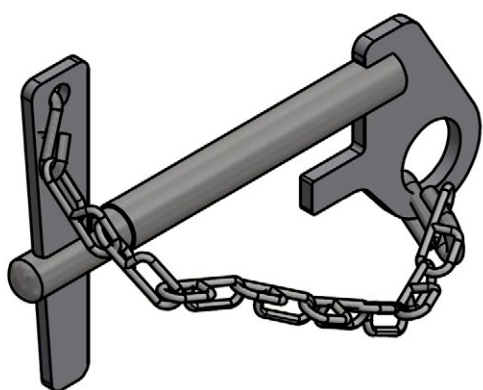
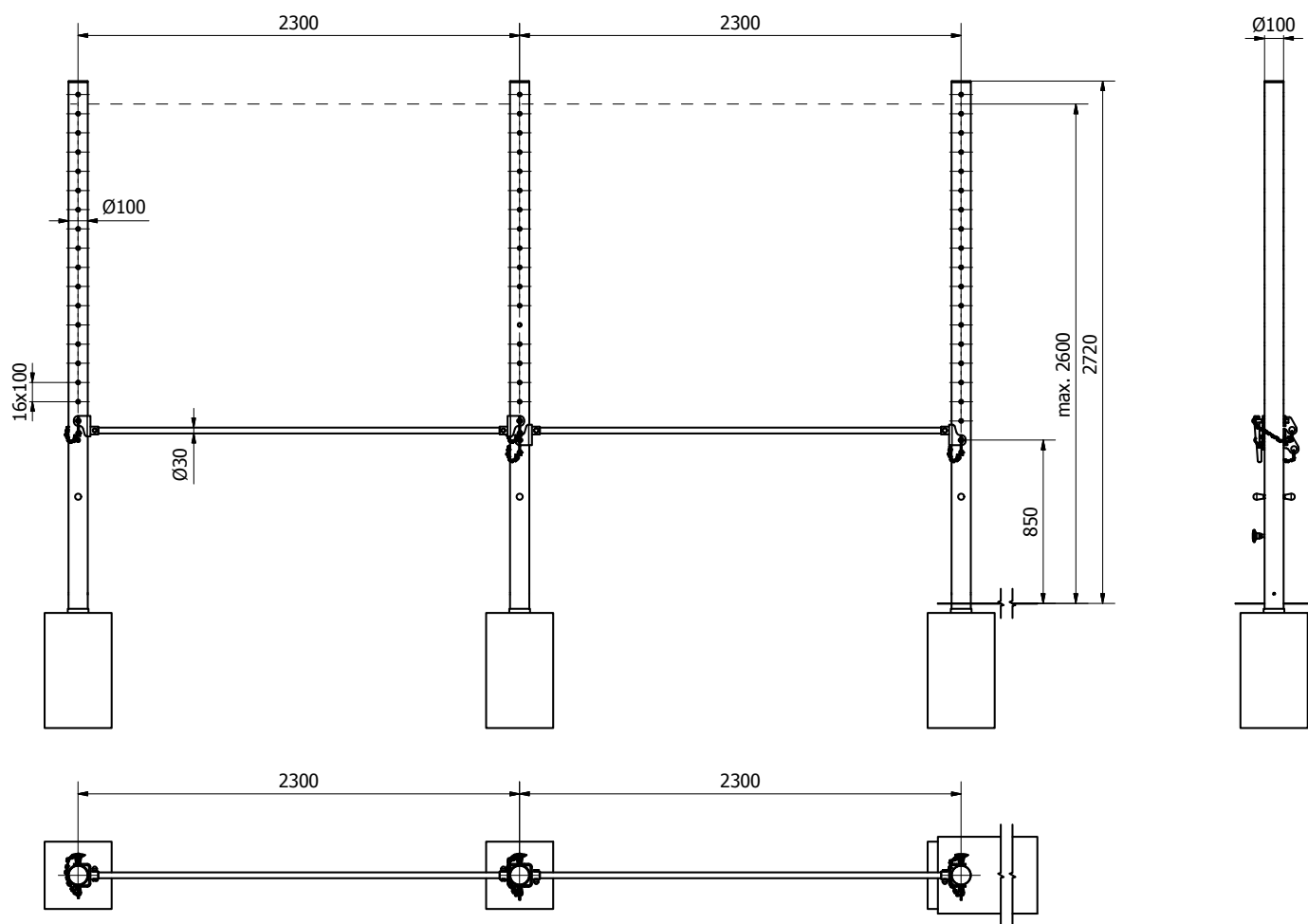
Socket installation



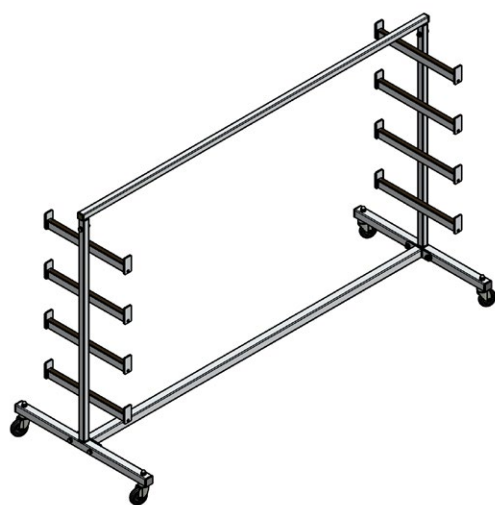
Suspended floors



Non-suspended floors



Locking pin with chain
GM704.00.28



Transport trolley
GM704.03.10

HORIZONTAL BARS



HORIZONTAL BARS

GM704.01

FREESTANDING HORIZONTAL BAR WITH WALL CONSOLE

Horizontal bar, socketed, single or double-field. Set contains:

- Uprights made of anodized aluminum round profile (Ø100, wall thickness 5 mm), 19 levels of height adjustment in 10 cm increments (bar height 80-260 cm).
- Wall console made of steel, protected against corrosion by powder-coating in RAL 9006 color
- ground sockets made of stainless steel (ANSI 1.4305, Ø108, depth 472 mm),
- socket clamping device, horizontal bars made of steel Ø28 mm, with fork head on both sides
- securing wedges

Index:

GM704.00.01

Item

100 mm diameter post

GM704.00.02

Wall console

GM704.00.28

Stainless steel bar

GM704.03.50

Ground socket (for suspended floors)

GM704.03.51

Ground socket (for non-suspended floors)

Storage hangers for gymnastic posts and bars

Pair of hangers for 4 posts

SE902.02.02

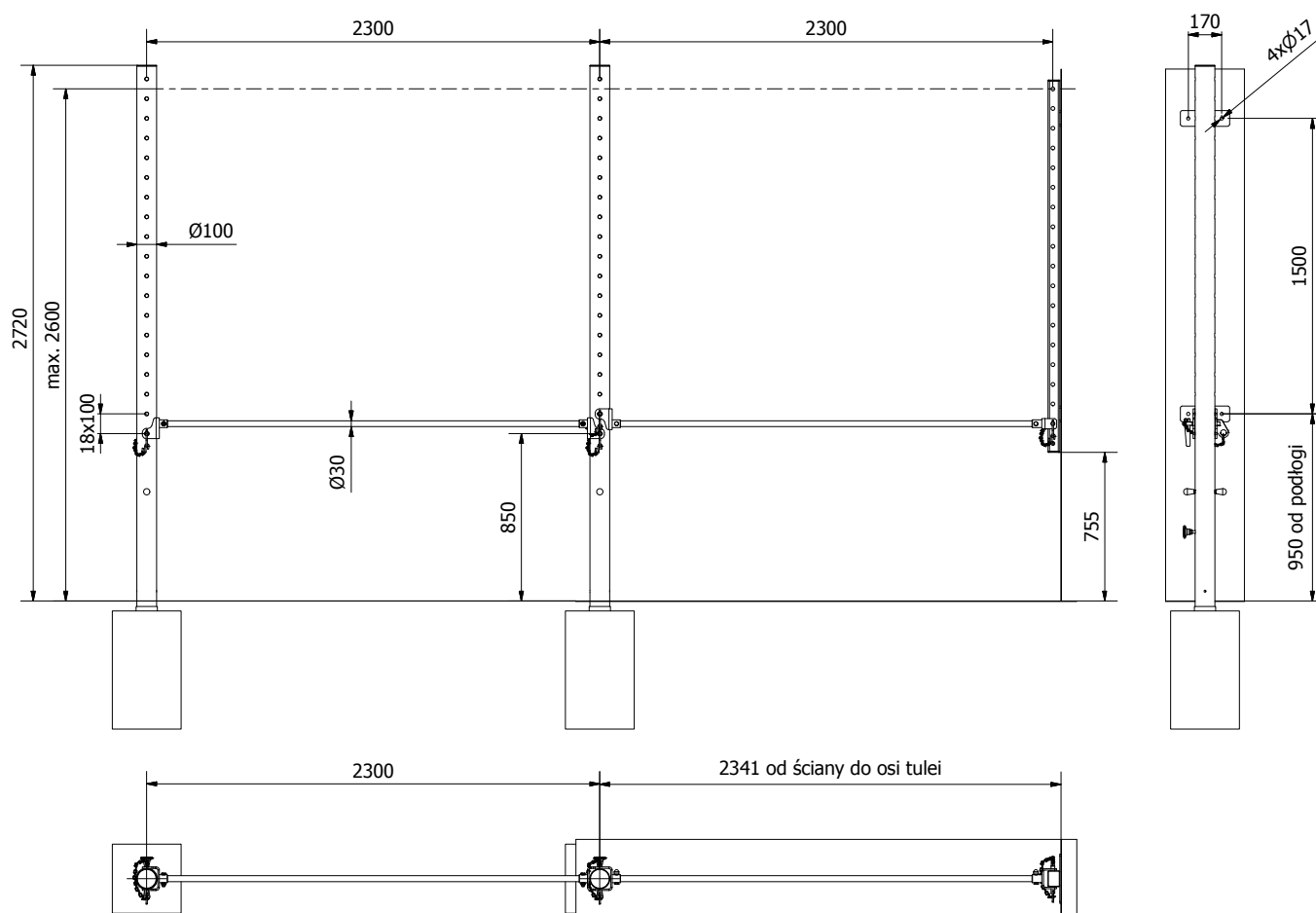
Pair of hangers for 6 posts

SE902.02.03

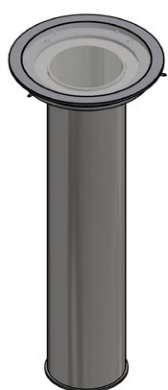
Pair of hangers for 8 posts

SE902.02.04





Ground socket for horizontal bars
for suspended sports floors
[GM704.03.50](#)



Ground socket for horizontal bars
for non-suspended sports floors
[GM704.03.51](#)



BRASS COVER 149 MM
[VB202.16.49](#)

BRASS RING 161 MM
[VB202.06.61](#)

WALL BARS



WALL BARS

Pivoting wall bars

GM703.03

Index:

GM703.03.00

GM703.03.01 Set of accessories for pivoting wall bars (without the post)

GM703.03.02 82,5 mm steel upright for pivoting and pivoting-hoistable wall bars

GM703.02.26 Double wall bars (200 cm), height: 260 cm in accordance with DIN 7910

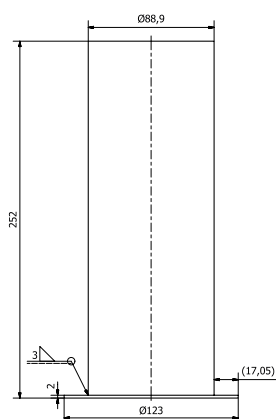
Item

Pivoting wall bar - set including 200x260 cm wall bars. Socket sold separately.

Set of accessories for pivoting wall bars (without the post)

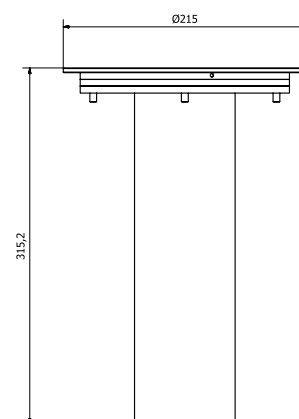
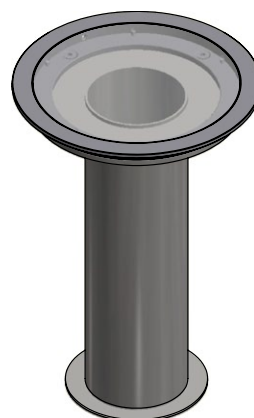
82,5 mm steel upright for pivoting and pivoting-hoistable wall bars

Double wall bars (200 cm), height: 260 cm in accordance with DIN 7910



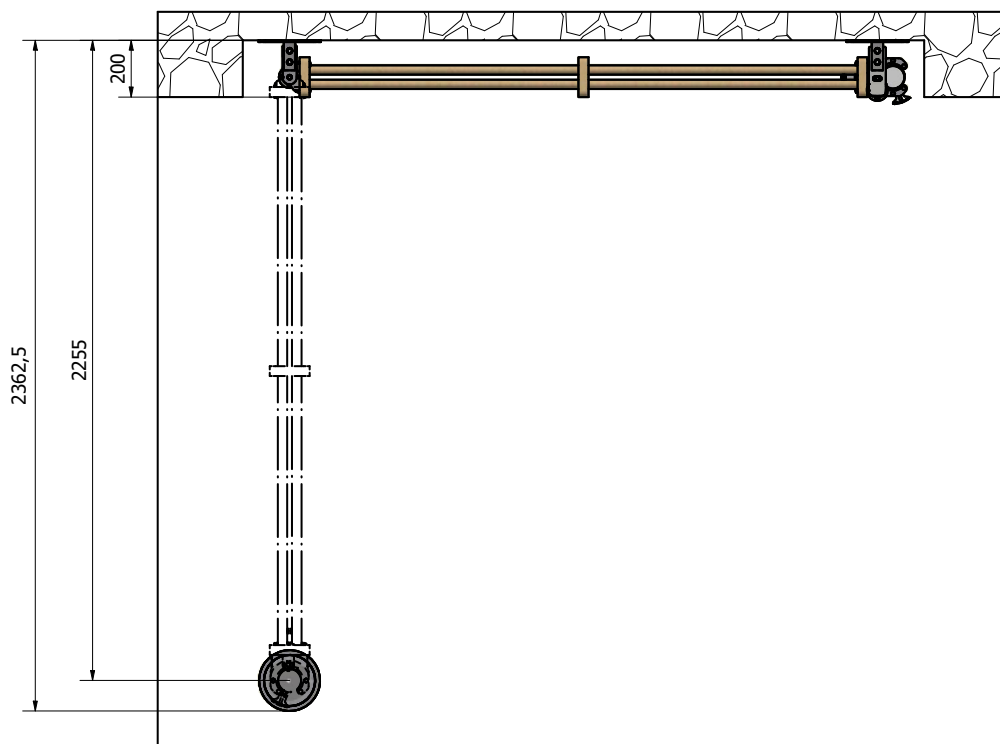
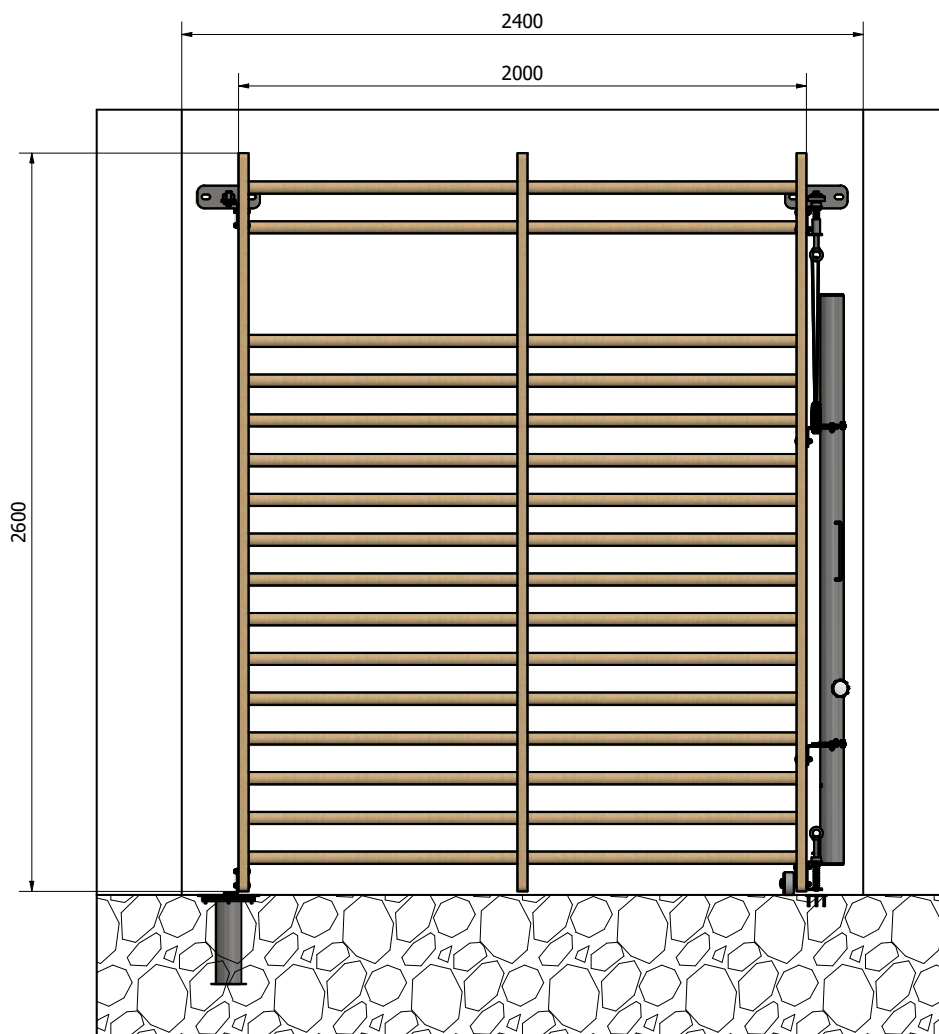
Ground socket for 82,5 mm upright (for suspended floors)

GM703.03.03



Ground socket for 82,5 mm upright (for non-suspended floors)

GM703.03.13



Pivoting wall bars in accordance with DIN 7910. Set contains:

- 200x260 cm wall bars with staves made of beech plywood, fulfils requirements of DIN 7910
- 82,5 mm steel post, protected against corrosion with powder coating or zinc galvanization
- Set of grips and hinges for attaching the wall bars to the wall
- Set of zinc galvanized fixing elements to attach and to lock the post in open and close position
- Set of non-marking castors

Sockets sold separately.

WALL BARS



WALL BARS

GM703.13

Hoistable-pivoting wall bars

Index:

GM703.13.00

GM703.13.01

GM703.03.02

GM703.02.26

Item

Hoistable-pivoting wall bars - set including 200x260 cm wall bars. Socket sold separately.

Set of accessories for pivoting-hoistable wall bars (without the post)

82,5 mm steel upright for pivoting and pivoting-hoistable wall bars

Double wall bars (200 cm), height: 260 cm



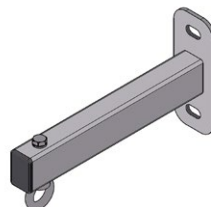
Ground socket for 82,5 mm upright
[for suspended floors]

GM703.03.03



Ground socket for 82,5 mm upright
[for non-suspended floors]

GM703.03.13



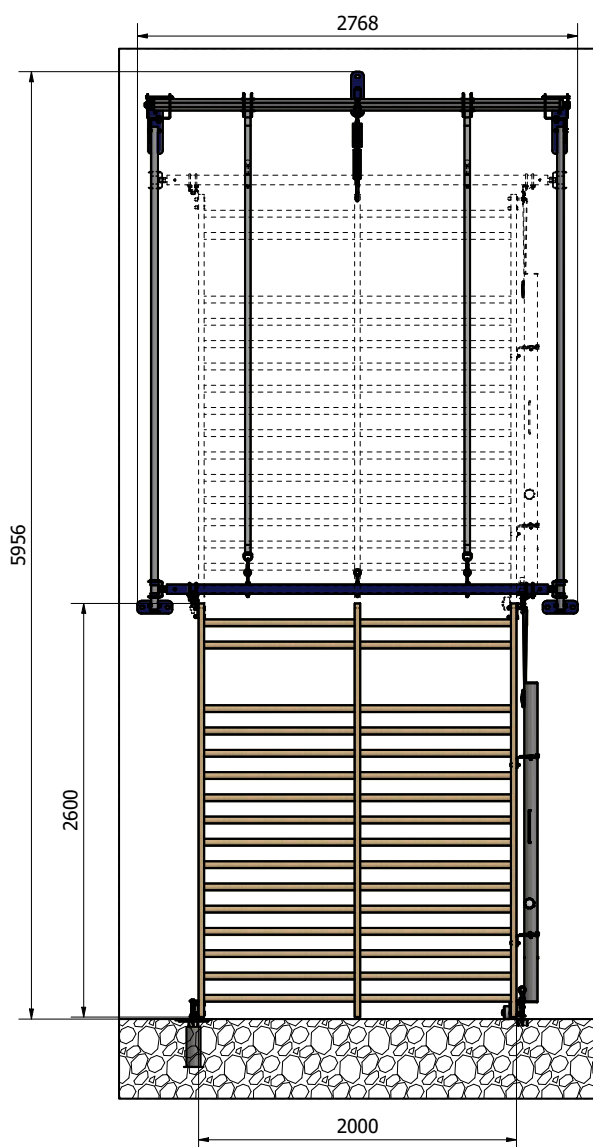
Grip for attaching the safety device

GM703.13.03



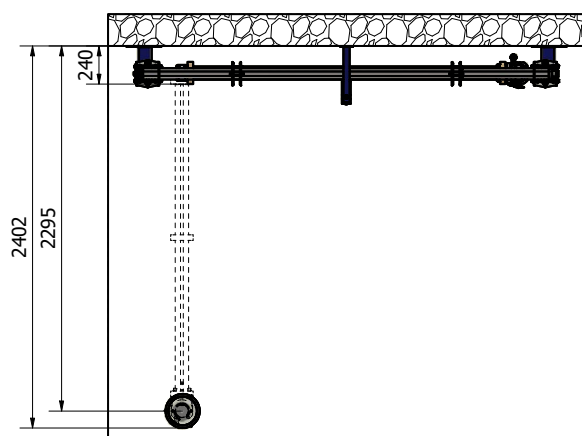
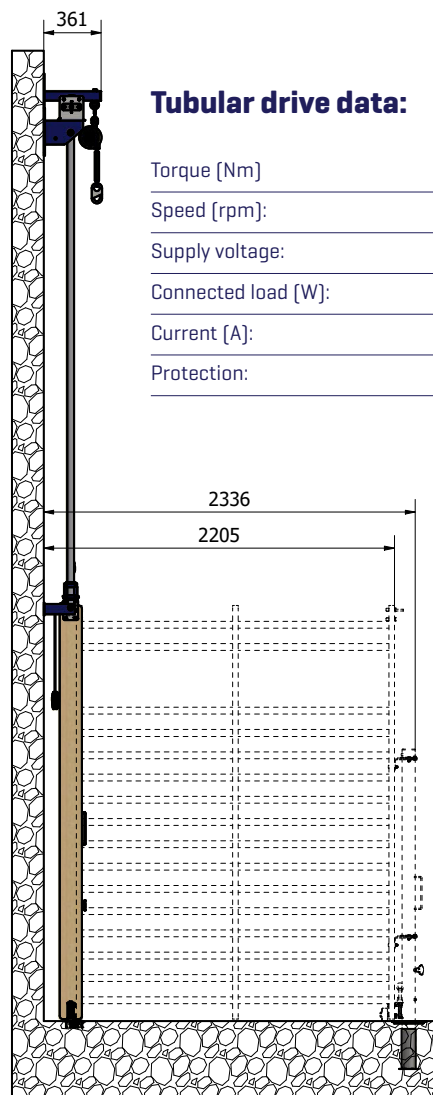
Load arrestor [self-retracting safety
device] 140 kg, galvanized wire 10 m

BB102.06.14



Tubular drive data:

Torque [Nm]	80
Speed [rpm]:	11
Supply voltage:	230V AC, 50 Hz
Connected load [W]:	310
Current [A]:	1,4
Protection:	IP 44



Pivoting wall bars in accordance with DIN 7910. Set contains:

- 200x260 cm wall bars with staves made of plywood, fulfils requirements of DIN 7910
- 82,5 mm steel post, protected against corrosion with powder coating or zinc galvanization
- Set of grips and hinges for attaching the wall bars to the wall
- Set of zinc galvanized fixing elements to attach and to lock the post in open and close position
- Set of non-marking castors

Sockets and load arrestor sold separately.

Device operation:

Key switch with deadman's switch function in accordance with DIN 7892:2017.

Power and steering supply lines for the motor:

230 V; 50 Hz, 310 W, 1,4 A

From mains to control panel:

3x1,5 mm²

From control panel to motor:

5x1,5 mm²

WALL BARS



WALL BARS

Hoistable wall bars

GM703.23

Index:

GM703.23.00

GM703.23.01

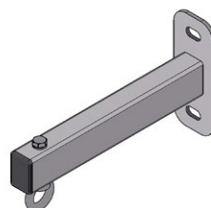
GM703.02.26

Item

Hoistable wall bars - set including 200x260 cm wall bars and motor. Socket sold separately.

Set of accessories for hoistable wall bars (without the motor)

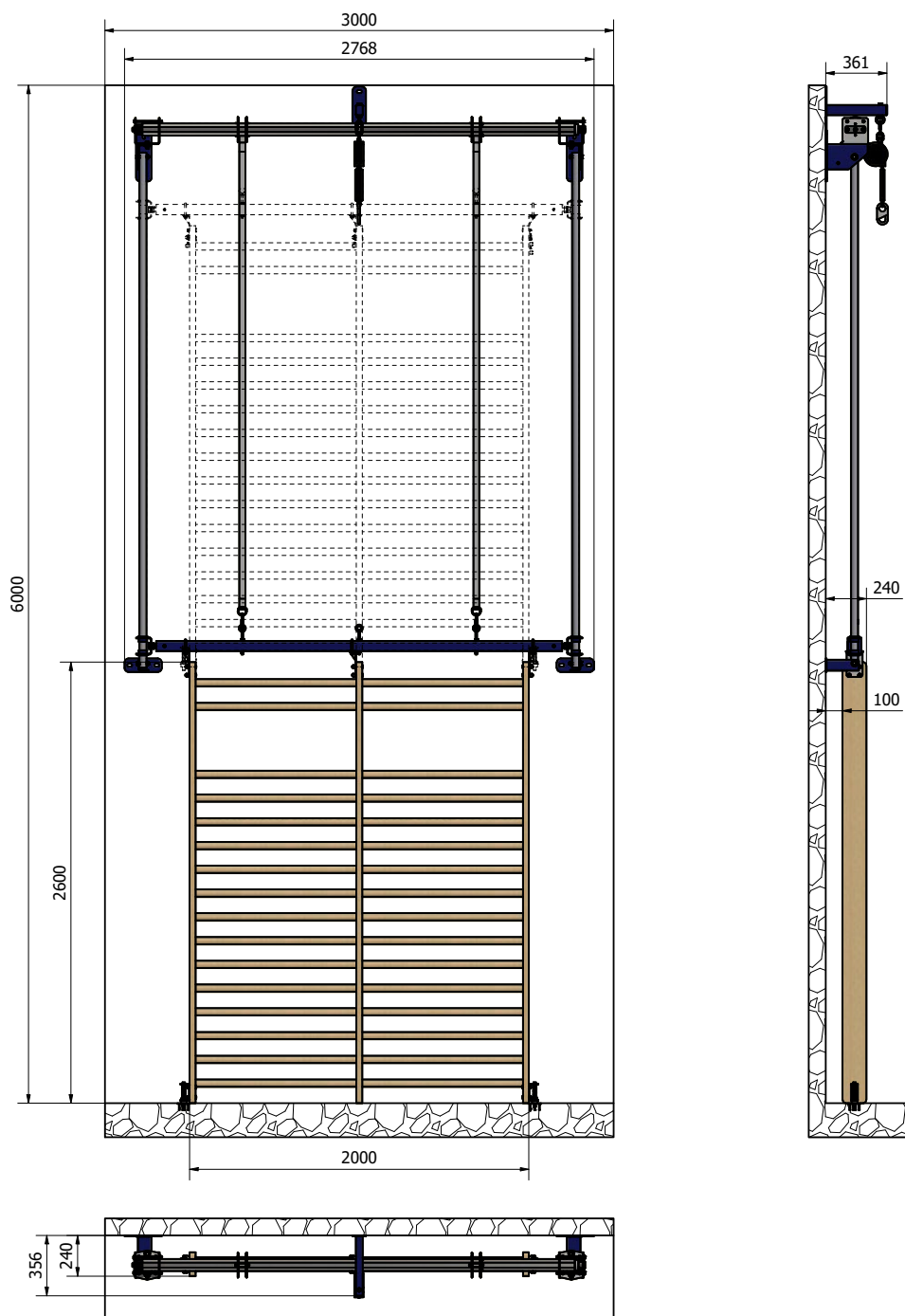
Double wall bars (200 cm), height: 260 cm



Motor in a galvanize casing for hoistable wall bars
GM703.13.02

Grip for attaching the safety device
GM703.13.03

Load arrestor [self-retracting safety device] 140 kg, galvanized wire 10 m
BB102.06.14



Pivoting wall bars in accordance with DIN 7910. Set contains:

- 200x260 cm wall bars with staves made of plywood, fulfils requirements of DIN 7910
- 82,5 mm steel post, protected against corrosion with powder coating or zinc galvanization
- Set of grips and hinges for attaching the wall bars to the wall
- Set of zinc galvanized fixing elements to attach and to lock the post in open and close position
- Set of non-marking castors

Sockets and load arrestor sold separately.

Device operation: Key switch with deadman's switch function in accordance with DIN 7892:2017.

Tubular drive data:

Torque [Nm]	80
Speed [rpm]:	11
Supply voltage:	230V AC, 50 Hz
Connected load [W]:	310
Current [A]:	1,4
Protection:	IP 44

Power and steering supply lines for the motor:

230 V; 50 Hz, 310 W, 1,4 A

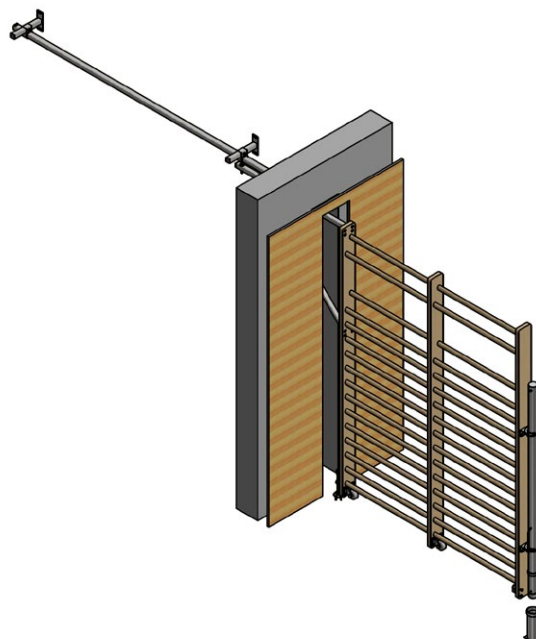
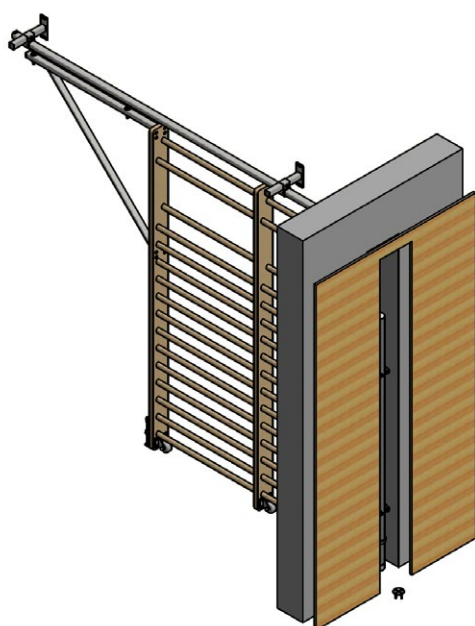
From mains to control panel:

3x1,5 mm²

From control panel to motor:

5x1,5 mm²

WALL BARS



WALL BARS

Horizontally retractable wall bars

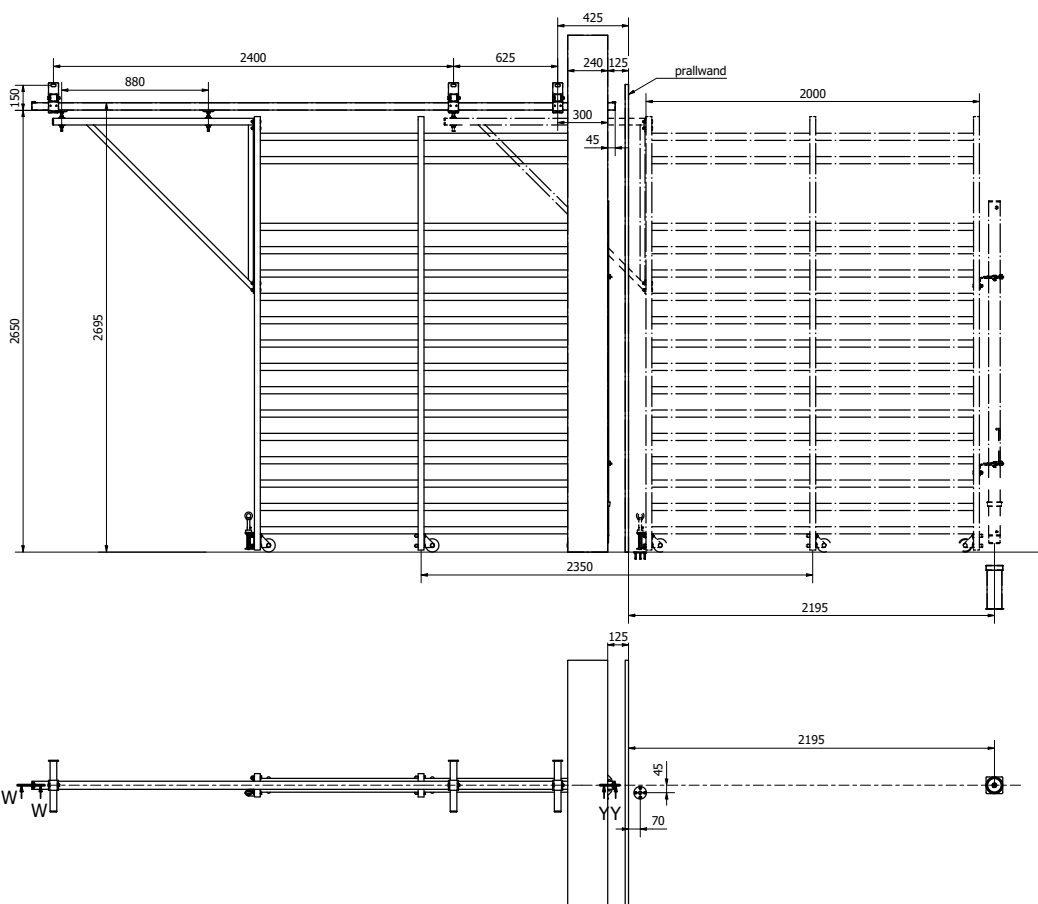
GM703.33

Index:

GM703.33.00	Complete unit (incl. 200x260 cm wall bar; socket sold separately)
GM703.33.01	Set of accessories for horizontally retractable wall bars
GM703.03.02	Upright for horizontally retractable wall bars
GM703.03.03	Ground socket for 82,5 mm upright (for suspended floors)
GM703.03.13	Ground socket for 82,5 mm upright (for non-suspended floors)
GM703.02.26	Wooden wall bars 200x260 cm

Item

Complete unit (incl. 200x260 cm wall bar; socket sold separately)
Set of accessories for horizontally retractable wall bars
Upright for horizontally retractable wall bars
Ground socket for 82,5 mm upright (for suspended floors)
Ground socket for 82,5 mm upright (for non-suspended floors)
Wooden wall bars 200x260 cm



Ground socket for 82,5 mm upright
(for suspended floors)

GM703.03.03



Ground socket for 82,5 mm upright
(for non-suspended floors)

GM703.03.13



WALL BARS

Permanently fixed

GM703.12

Index:

GM703.02.26

Item

Double wall bars (200 cm), height: 260 cm

GM703.01.26

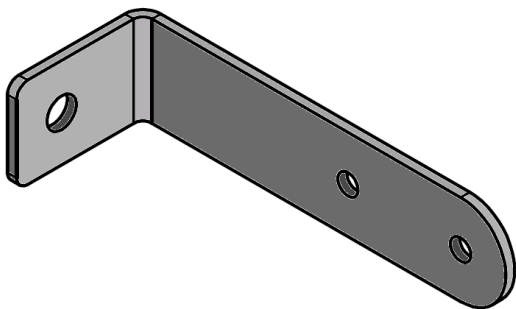
Single wall bars (200 cm), height: 260 cm

GM703.12.26

Double wall bars (200 cm), height: 260 cm with installation accessories

GM703.11.26

Single wall bars (200 cm), height: 260 cm with installation accessories



L-shaped support for wall assembly of gym ladders. Length: 165 mm. Zinc-galvanized.

GM703.03.16



Foldable bar attached on wall bars. Wooden bar [diameter 32 mm] on a steel, powder coated frame. Width: 80 cm, max. distance between the wall bars and a bar: ~80 cm. Standard colour: white [RAL 9010].

GM703.03.80

HANDBALL GOALPOSTS



HB300.02



HANDBALL IHF APPROVED GOALPOSTS

Handball goalpost 3,00x2,00 m, with Certificate of Approval issued by the International Handball Federation. Complies with EN 749. Type 2 (portable). Internally reinforced aluminum frame (80x80 mm), powder coated in white [RAL 9003] and red stripes [Pantone 207C]. Frame consist two uprights, a crossbar with welded corners and two special designed aluminum connectors. The net support is made of steel tubes (ø35x2 mm) powder coated in white [RAL 9003]. Depth of the goalpost: 100/130 cm (top/bottom). The construction of the net support allows to fold it without using any hand tools. Designed for highest level competitions, including such events like Olympic Games or World Championships.

Weight:	45 kg
Dimensions:	Front frame: 300x200 cm
Net support:	100/130 cm
Type [EN 749]:	2
Material [front]:	Aluminium, powder coated
Material [net support]:	Steel, powder coated
Points of anchoring:	4
Designed for:	Indoor use
Standard:	EN 749:2006; IHF

New option available!

Unique system, which allows to install the goalposts and secure them against tilting without permanent floor anchors. A perfect solution for venues, where the goalposts will be used only temporarily.

Pair of counterweights, ~50 kg each
HB307.03



Safety screw 30 mm (M12)
HB307.01.30



Ground plate 76 mm with M12 nut
HB307.02.76



"Omega" net hook, plastic
FB103.01



36 mm round hook, plastic
FB103.02

HANDBALL

STANDARD 3x2 m HANDBALL GOALPOST

HB301.02



3x2 m handball goals designed for professional handball arenas as well as for schools and training purposes.

All goals are made in accordance to EN 749 norm.

Painted stripes in several color versions (no stickers) extends products life.

No steel hooks used (for maximum safety). The net is attached to the frame with plastic hasps and hitches.

Easy to fold and store (no tools are needed to unscrew the goal from the surface and to fold its net support).

Detailed description:

- Goal frame: internally reinforced 80x80 mm aluminum profile, powder coated twice (base layer + stripes), available in two colors: white/red, white-blue and white-black (other upon request)
- Net support: steel, powder-coated (white RAL 9003) tubes
- Mounting system: with use of safety (rubber) screws to pre-installed ground plates
- Frame dimensions: 3x2 m
- Standard total net support depth (top/bottom): 90/110 cm
- Corners reinforcement and struts: solid, laser cut and zinc galvanized steel
- Frame consist 2 uprights and 1 crossbar (with welded corner), joined together by special aluminum connector
- Net installed with use of plastic hasps and hitches

Weight:	44 kg
Dimensions:	Front frame: 300x200 cm
Net support:	80/100 cm
Type [EN 749]:	2
Material (front):	Aluminium
Material (net support):	Steel
Number of anchors:	4
Designed for:	Indoor use
Standard:	EN 749:2006



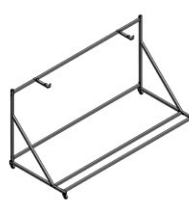
Set of two trolleys for transporting one handball goalpost. Made of stainless steel, equipped with castors with rubber, soft, non-marking wheels.

HB307.01



Transport / storage trolley for 4 pcs of handball goalposts (3x2 m) with total height of 228 cm and width of 78 cm

HB307.21



Transport / storage trolley for 2 pcs of handball goalposts (3x2 m) with total height of 185 cm and width of 145 cm

HB307.31



ADDITIONAL CROSSBAR FOR HB GOALPOST
HB307.02



HB302.01

HANDBALL Hoistable goalpost

Mechanically [electrically] winched handball goalpost [3x2 m]. Aluminum front frame 80x80 mm in accordance with EN 1270 with steel winching construction and ground frame. Protected against corrosion by powder coating.

Set contains:

- 3x2 m goal frame: internally reinforced 80x80 mm aluminum profile, double powder coated [base layer + stripes]
- Goal construction: wall mounted, steel, powder coated in a color adequate to conditions at the hall
- Ground frame – foldable steel frame [35 mm pipe] for attaching the net
- Motor [80 Nm] in a steel, galvanized console
- Retracting belts [polyester]
- Bracket for hanging the safety device
- Net hooks [“omega”]

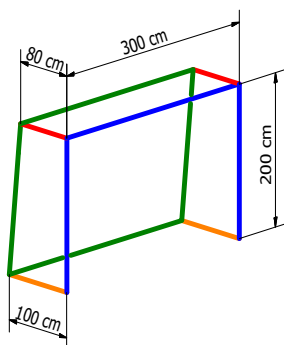
Device operation: Key switch with deadman’s switch function in accordance with DIN 7892:2017.

Accessories [sold separately]:

- Self-retracting [safety] device
- Nets



Load arrester [self-retracting safety device] 140 kg, galvanized wire 10 m
BB102.06.14



Net for handball goalpost 3x2x0,8x1 m Polypropylene 4 mm, mesh 10x01 cm, colour white
HB306.04.01



Power and steering supply lines for the motor:

230 V; 50 Hz, 310 W, 1,4 A

From mains to control panel:

3x1,5 mm²

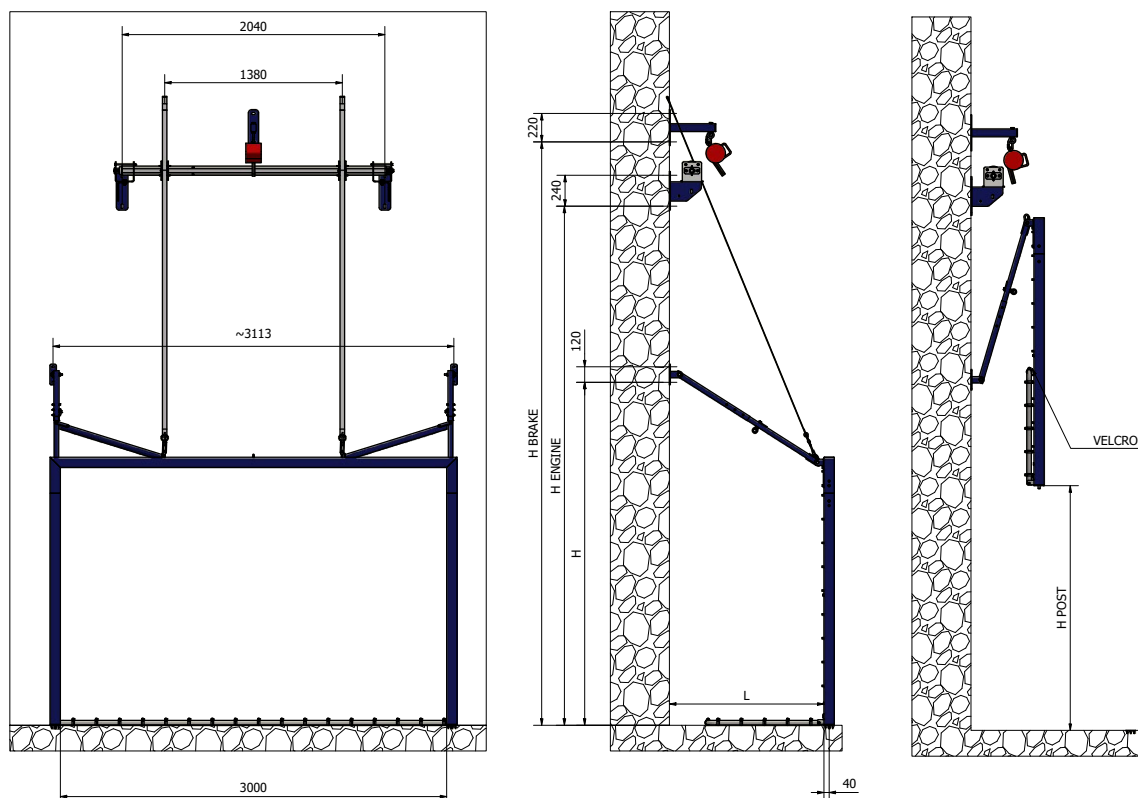
From control panel to motor:

5x1,5 mm²

HANDBALL

Hoistable goalpost

HB305.01



HANDBALL NETS WITH CURTAINS (BALL-CATCHERS)

Nets for handball goalposts made of high quality, UV-resistant polypropylene. Knotless. Mesh: 10x10 cm. Dimensions: 3x2x0,8x1 m.

Index:	Item
HB306.04	3x2 m nets PP 4 mm
HB306.05	3x2 m nets PP 5 mm

Catch-nets for handball goalposts made of high quality, UV-resistant, knotless polypropylene. Mesh: 10x10 cm. Ballast on the bottom edge (lead cord 200 g/m). Dimensions: 3x2 m

Index:	Item
HB306.14	Catch nets PP 4 mm
HB306.15	Catch nets PP 5 mm

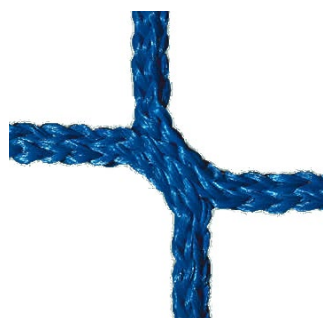
AVAILABLE COLOURS:



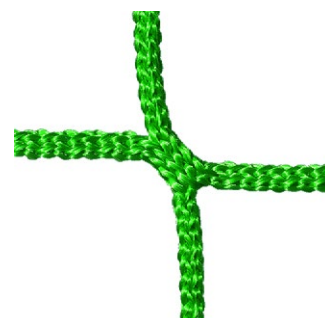
White



Black



Blue



Green



INDOOR FOOTBALL

FB101.05.32

SPECIFICATION:

- Dimensions: Goal frame: 5x2 m [internal dimensions]. Net support depth: 120/150 cm.
- Weight: ~45 kg
- Crossbar and uprights made of 120x100 mm reinforced aluminum, powder coated white [RAL 9003]
- "C" shaped net support made from 35x2 mm steel tubes, powder coated in white [RAL 9003]
- Net hitches and hooks for installing the net in set
- Net support made of steel, powder coated in white
- Anchoring: ground plates and safety [rubber] screws [4 pcs + 4 pcs]

MAIN FEATURES:

- Made and tested to EN 748
- Portable, dedicated for indoor use (PVC floors on a wooden sub-structure and wooden parquets)
- Tested and certified in accordance with EN 748
- Foldable net support for easy storing in a warehouse
- Welded corners joints provide strength and durability
- Suitable for 5x2 m standard net [depth: 80/150 cm]

Nets sold separately



Safety screw 30 mm (M12)
HB307.01.30



Ground plate 76 mm with
M12 nut
HB307.02.76



"Omega" net hook, plastic
FB103.01



36 mm round hook, plastic
FB103.02



Pair of trolleys for transport-
ing one goalpost.
HB307.01



Training badminton stands

BT402.01

- Made in accordance to EN 1509 [Type 3 class C]
- Counterweight approximately 30 kg per single stand [60 kg total]
- Indoor and outdoor use
- Portable [with wheels]
- Made of steel, protected against corrosion by powder-coating
- Easy transport and storage thanks to its construction [3 separate parts, connected together with screws]



Professional badminton stands

BT.401.01

- Made in accordance to EN 1509 [Type 3 class A]
- Counterweight approximately 60 kg per single stand [120 kg total]
- Indoor use
- Equipped with tensioning apparatus
- Potable [with wheels]
- Made of steel, protected against corrosion by powder-coating



Socketed badminton posts

BT400.01

Badminton posts made in accordance with IBF standards. Powder coated steel profile [40x40 mm]. Insertion depth limiter allows to set up the net on a proper height easily and quickly. Set includes pulley net stretching strap. Sockets sold separately.

NETS FOR BADMINTON

BT400.01

Dimensions:

- Length: 6,02 m
- Height: 0,76 m
- Made in accordance to EN 1509

Certificate of conformity with EN norm

Professional
BT403.01.01

Polypropylene 1,2 mm mesh 18x18 mm, black

Training
BT403.01.02

Polyethylene 1 mm, mesh 20x20 mm, black



Stainless steel ground socket for badminton posts. Depth: 300 mm. Inner dimensions: 45x45 mm.

BT400.11



Brass ring 161 mm with hinged cover
VB202.26.61





80x80 mm aluminum uprights

VB201.02

Professional volleyball uprights [type 1 class B according to EN 1271]. Made of special designed [internally reinforced] aluminum profile 80x80 mm, "C"-shaped. Tensioning apparatus is hidden inside the profile. Uprights are protected against corrosion by anodizing [natural aluminum colour]. Length of a single upright: ~ 3 m.

Weight:	38 kg [pair]
Type/class [EN 1271]:	Type 1, class B

The set contains:

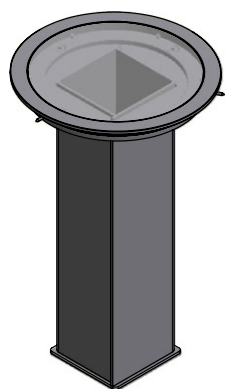
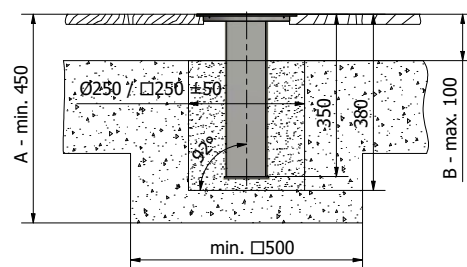
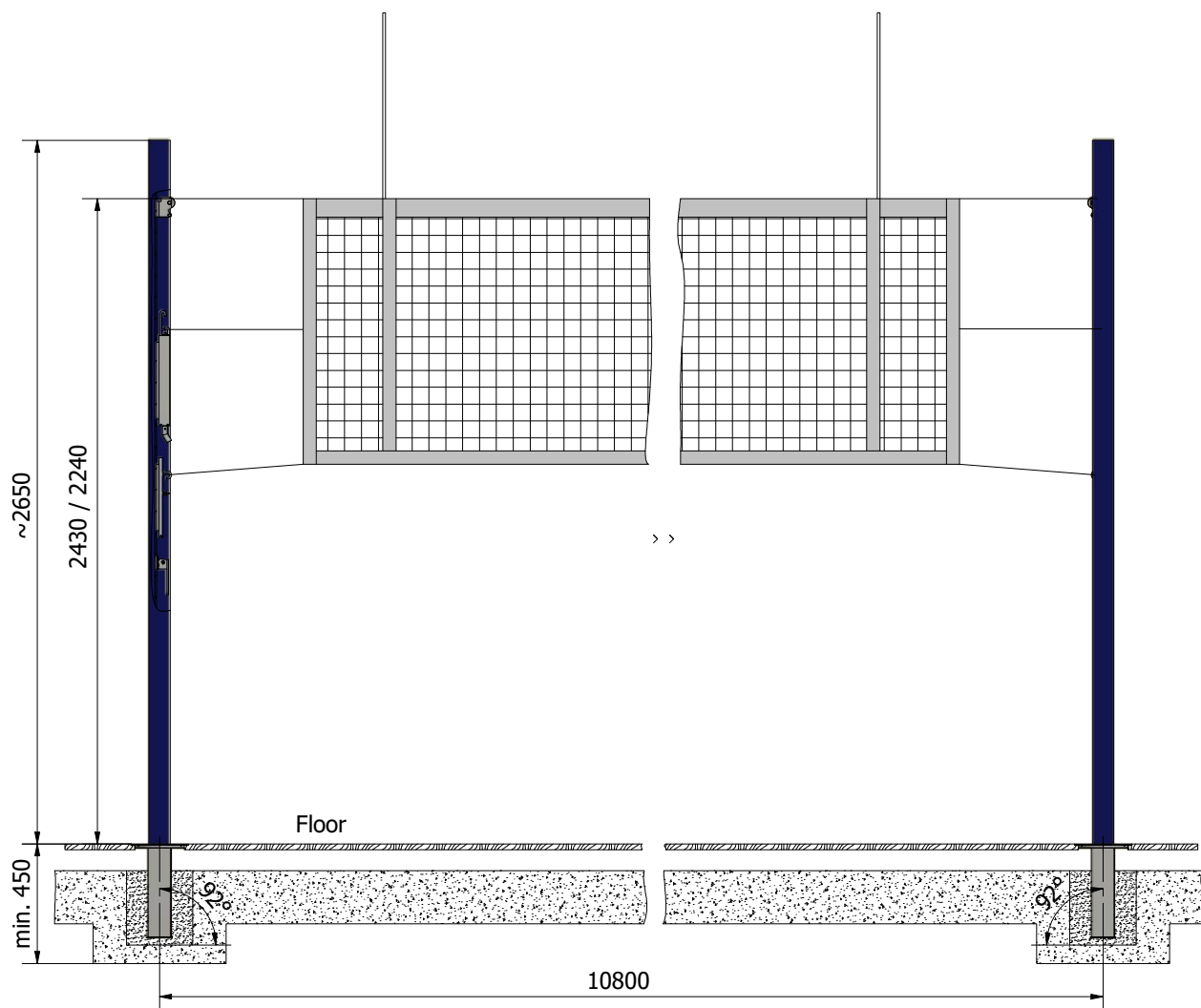
- Upright with tensioning apparatus
- Upright with net attachments
- Crank handle

Height of the net is regulated smoothly, and tensioning apparatus/passive net attachments are blocked eccentricity. This feature allows to use uprights to play both volleyball and badminton.

Sockets and nets sold separately.



VB202.03.02	Foldable referee's stand. Made of steel, powder coated. 3 heights of platform, equipped with wheels.
VB202.05	Substitution paddles in a box. Material: plastic, colour: white. Number of paddles in set: 20, 22, 24 or 26.
VB202.01.02	Professional protecting pads for volleyball uprights. PE foam on a wooden structure, covered with PVC.
VB202.01.03	Standard protecting pads for volleyball uprights. PE foam on covered with PVC.
VB204.03	Net antennae set with pockets. Made of fiberglass. Dimensions and color due to FIVB game rules.
VB204.01.01	Professional volleyball net. Kevlar wire 11.7 m length, top band 7 cm wide, bottom 5 cm. 6-point attachment. Material: PP 3 mm, black, mesh 10x10 cm.
VB204.02.01	Training volleyball net. Steel wire 11 7 m, top band 5 cm wide. 4-point attachment. Material: PP 3 mm, black, mesh 10x10 cm. Antennae's with pockets included
VB202.06.00	Rubber vacuum sucker [for pulling out the lid out of the frame]. Carrying capacity: ~15 kg vertically



Stainless steel socket for 80x80 mm profile, for non-suspended sports floors, depth 335 mm
VB203.13



Stainless steel socket for 80x80 mm profile, for suspended sports floors, depth 350 mm
VB203.03

VB202.06.00



VB202.06.30



VB202.16.49
VB202.06.61
VB202.16.73
VB202.06.88

BRASS COVER 149MM
BRASS RING 161MM
BRASS COVER 173MM
BRASS RING 188MM



Volleyball uprights (type 1 class C according to EN 1271)

VB201.03

Made of special designed (internally reinforced) aluminum profile with diameter of 100 mm, with stepless net's height adjustment. Identical grooves on both sides of the profile allow to use it as a middle upright (recommended when the space between volleyball courts is too little to install two standard posts). Uprights are protected against corrosion by anodizing (natural aluminum color). Length of a single upright: 3 m.

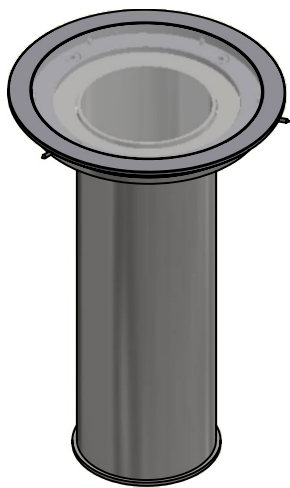
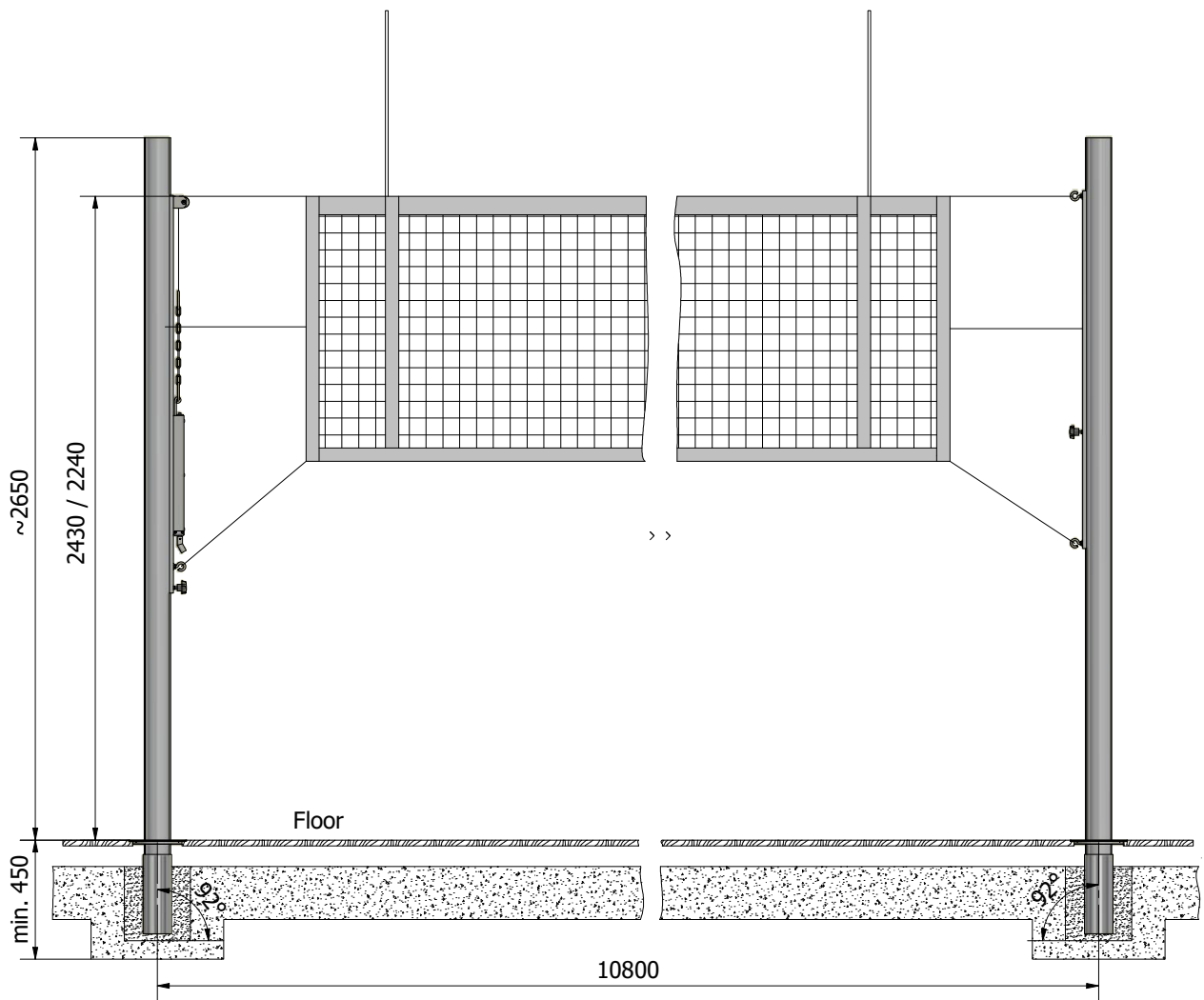
The set contains:

- Upright with tensioning apparatus
- Upright with net attachments
- Crank handle

"C"-shaped profile (aluminum, 36x18 mm) specially designed for the tensioning apparatus and passive net attachments provides smooth adjustment of the net's height. This feature allows to use the upright also for playing badminton. Both tensioning apparatus and passive net attachments are locked with use of a single knob. The shape of the 100 mm profile provides very high resistance to deflection and lightness in the same time (a single upright can be easily carried by one person).



VB202.03.02	Foldable referee's stand. Made of steel, powder coated. 3 heights of platform, equipped with wheels.
VB202.05	Substitution paddles in a box. Material: plastic, colour: white. Number of paddles in set: 20, 22, 24 or 26.
VB202.01.02	Professional protecting pads for volleyball uprights. PE foam on a wooden structure, covered with PVC.
VB202.01.03	Standard protecting pads for volleyball uprights. PE foam on covered with PVC.
VB204.03	Net antennae set with pockets. Made of fiberglass. Dimensions and color due to FIVB game rules.
VB204.01.01	Professional volleyball net. Kevlar wire 11.7 m length, top band 7 cm wide, bottom 5 cm. 6-point attachment. Material: PP 3 mm, black, mesh 10x10 cm.
VB204.02.01	Training volleyball net. Steel wire 11 7 m, top band 5 cm wide. 4-point attachment. Material: PP 3 mm, black, mesh 10x10 cm. Antennae's with pockets included
VB202.06.00	Rubber vacuum sucker (for pulling out the lid out of the frame). Carrying capacity: ~15 kg vertically



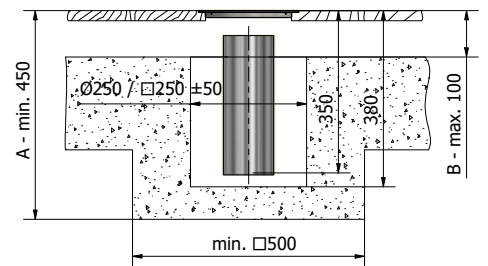
Steel socket for 100 mm profile for suspended sport floors, depth 300 mm

VB203.04



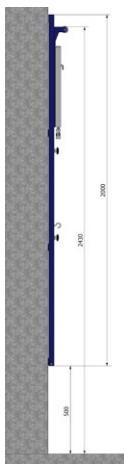
Stainless steel socket for 100 mm profile (for non-suspended sports floors) depth 350 mm

VB203.05



Pair of wall mounted rails for attaching a volleyball or badminton net. Made of steel, protected against corrosion by zinc galvanization. Crank handle included.

VB201.04



Wall mounted rail with net attachments.

Wall mounted rail with tensioning apparatus.



VB202.16.49

VB202.06.61

VB202.16.73

VB202.06.88

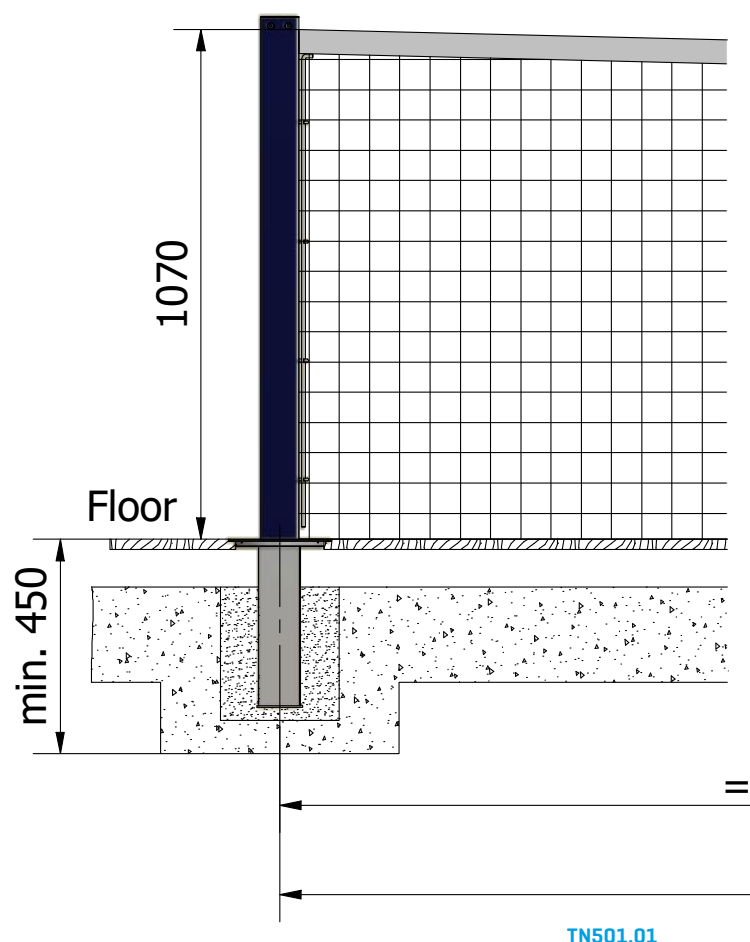
BRASS COVER 149MM

BRASS RING 161MM

BRASS COVER 173MM

BRASS RING 188MM

TENNIS



TENNIS

80x80 mm aluminum posts

PROFESSIONAL ALUMINUM TENNIS POSTS 80x80 MM

- Made of internally reinforced square aluminium profile (80x80 mm)
- Made, tested and certified in accordance with EN 1510
- anti-corrosion protection: powder coating in green
- Net tensioning mechanism are installed inside the posts
- the post has a possibility to hide the crank handle inside of it
- Suitable for both outdoor and indoor use

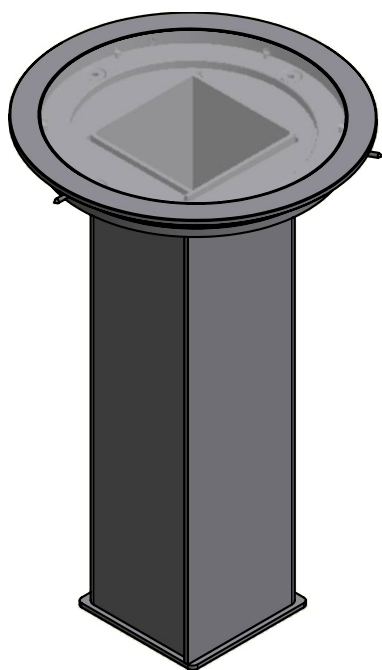
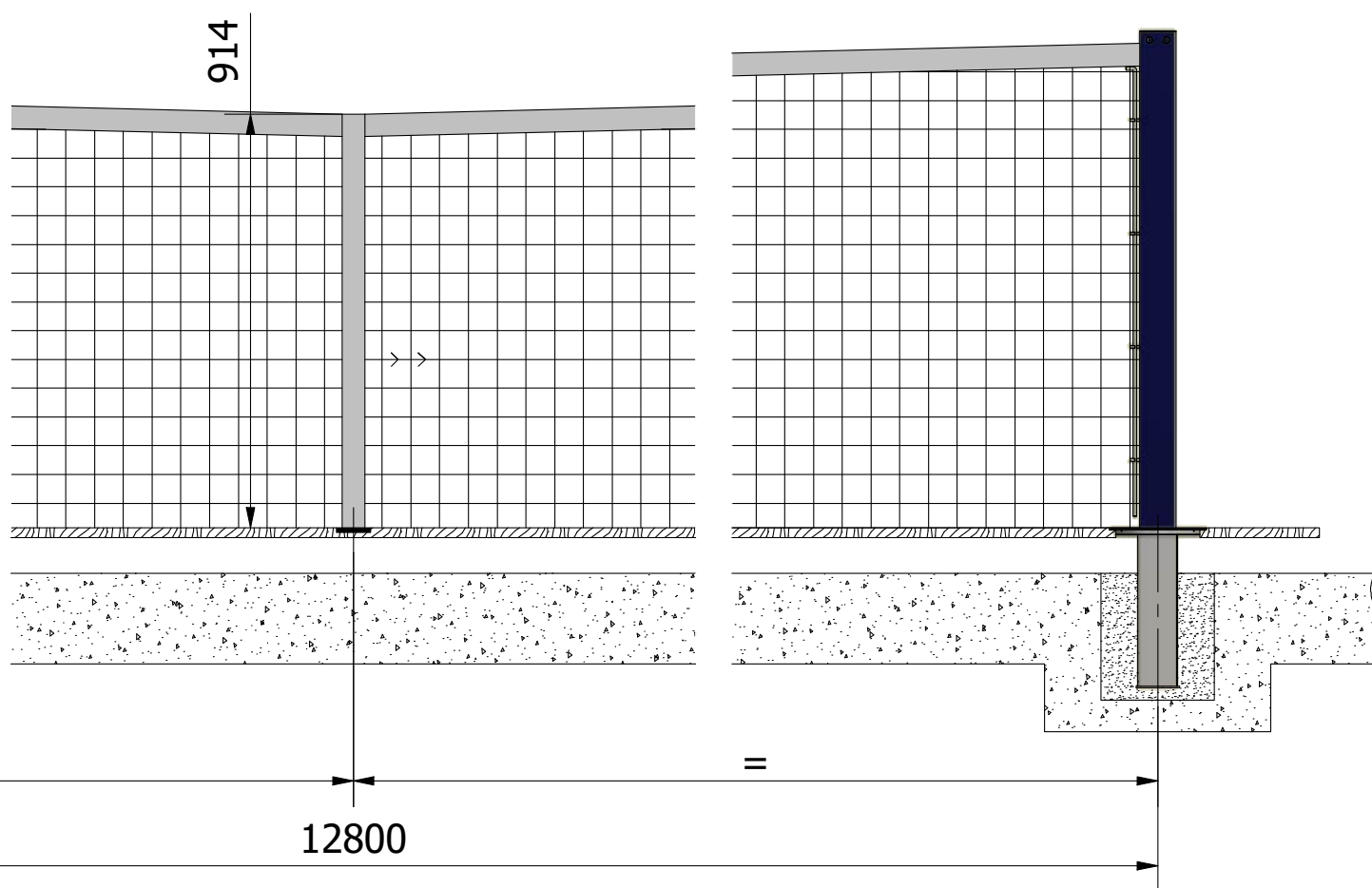
Set contains:

- Post with tensioning apparatus (active)
- Post with net attachments (passive)
- Crank handle

General data:

Height above the floor:	1070 mm
Length:	1400 mm
Diameter:	80 mm
Material:	Aluminium
Standard:	EN 1510:2006
Colour:	Green RAL 6009

TN502.01	Professional tennis net, black
TN502.02	Training tennis net, black
TN502.03	School tennis net, black
TN503.03.01	Ground hook (indoor use)
TN503.01	Single game net supports
TN503.02	Referee's chair, aluminum, with PP seat
TN503.04	Net's height regulation tape
VB202.06.00	Rubber vacuum sucker (for pulling out the lid out of the frame)



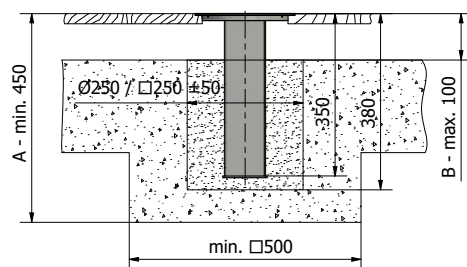
Stainless steel socket for 80x80 mm profile, for non-suspended sports floors, depth 335 mm

VB203.13



Stainless steel socket for 80x80 mm profile, for suspended sports floors, depth 350 mm

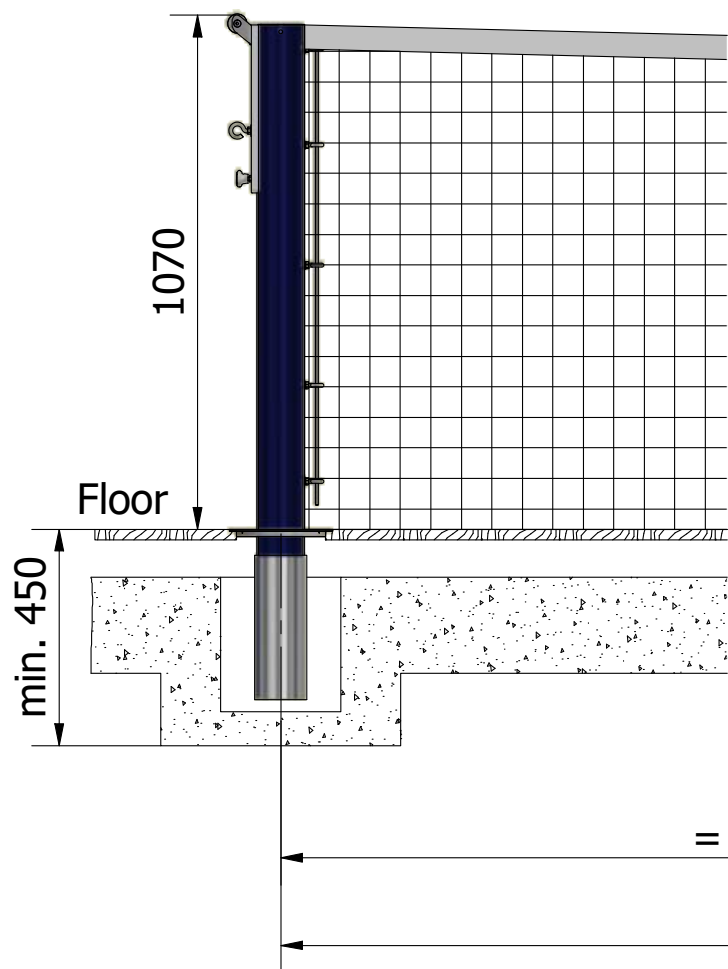
TN203.03



VB202.16.49
VB202.06.61
VB202.16.73
VB202.06.88

BRASS COVER 149MM
BRASS RING 161MM
BRASS COVER 173MM
BRASS RING 188MM

TENNIS



TN501.02

TENNIS

100 mm aluminum posts

PROFESSIONAL ALUMINUM TENNIS POSTS 100 MM

- Made of internally reinforced round aluminium profile (diameter 100 mm)
- Made, tested and certified in accordance with EN 1510
- Colour: natural aluminium (anodized)
- Net tensioning mechanism and crank handle are installed on the side away from the court, preventing injuries
- Suitable for both outdoor and indoor use

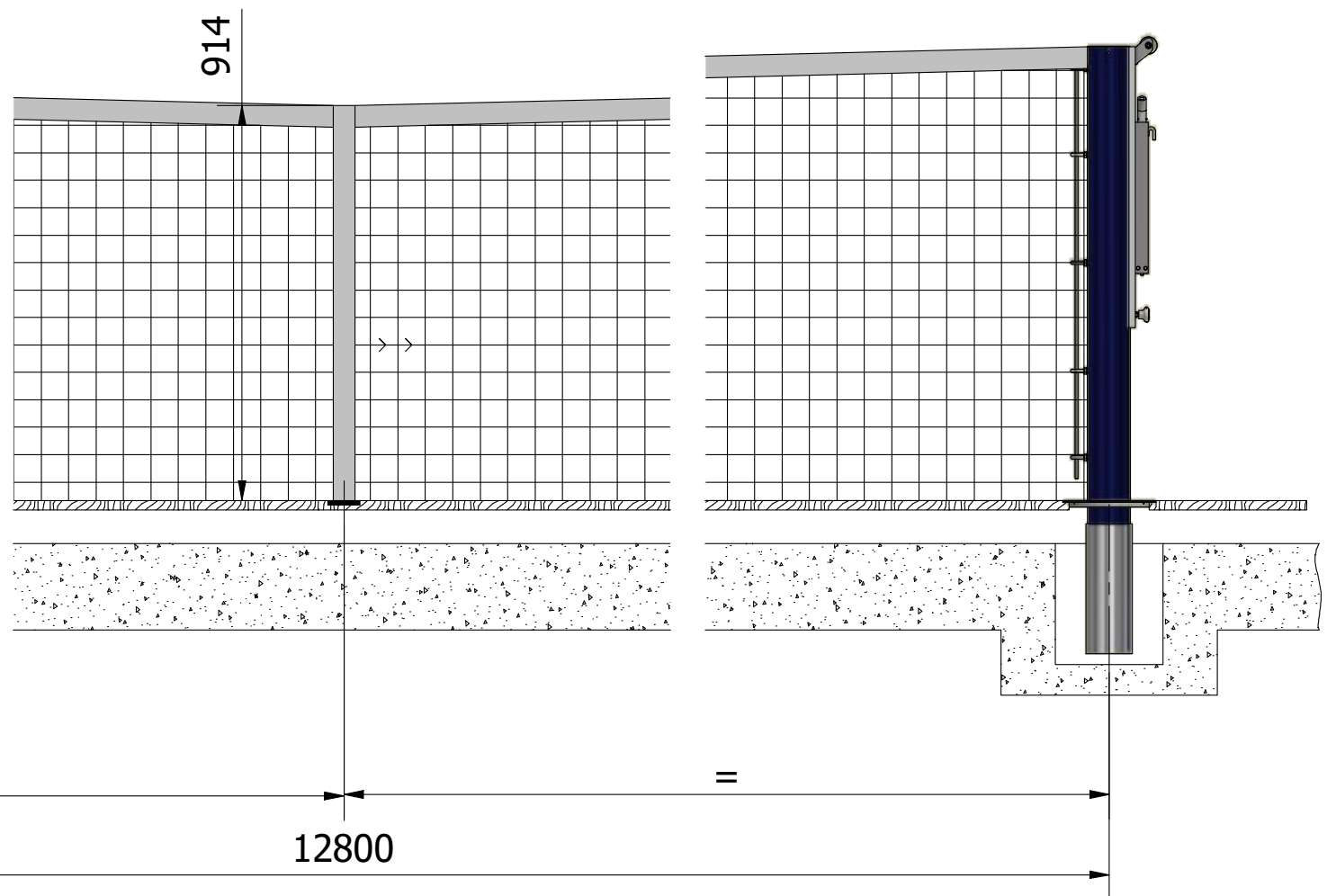
Set contains:

- Post with tensioning apparatus [active]
- Post with net attachments [passive]
- Crank handle

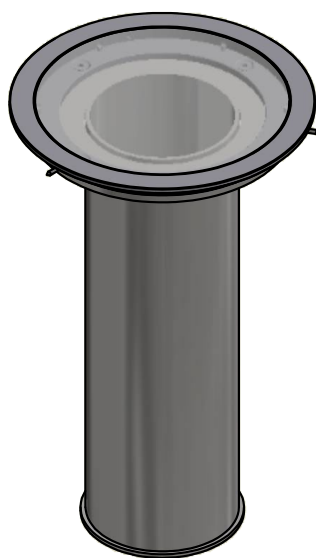
General data:

Height above the floor:	1070 mm
Length:	1400 mm
Diameter:	100 mm
Material:	Aluminium
Standard:	EN 1510:2006
Colour:	Green RAL 6009

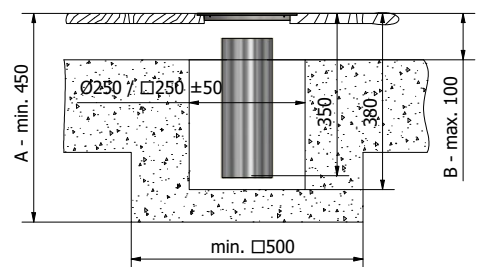
TN502.01	Professional tennis net, black
TN502.02	Training tennis net, black
TN502.03	School tennis net, black
TN503.03.01	Ground hook (indoor use)
TN503.01	Single game net supports
TN503.02	Referee's chair, aluminum, with PP seat
TN503.04	Net's height regulation tape
VB202.06.00	Rubber vacuum sucker (for pulling out the lid out of the frame)



Steel socket for 100 mm profile for
suspended sport floors, depth 300
mm
VB203.04



Stainless steel socket for 100 mm
profile [for non-suspended sports
floors] depth 350 mm
TN203.05



VB202.16.49
VB202.06.61
VB202.16.73
VB202.06.88

BRASS COVER 149MM
BRASS RING 161MM
BRASS COVER 173MM
BRASS RING 188MM

LOCKER ROOM BENCHES



LOCKER ROOM BENCHES

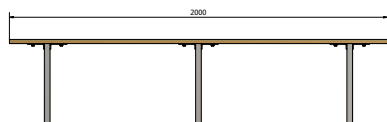
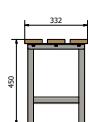
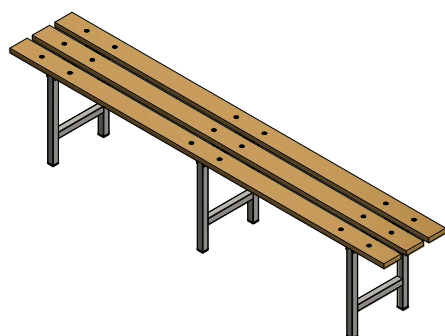
SH803.02

Locker room benches:

- steel frame, protected against corrosion by powder-coating. Standard colour: RAL 9010 white [other colours upon request].
- solid pine wood boards, lacquered with non-toxic, transparent lacquer.
- Seat height: 450 mm
- safety plastic hooks in black colour
- customizable lengths

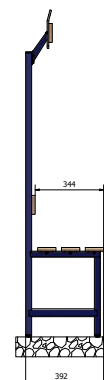
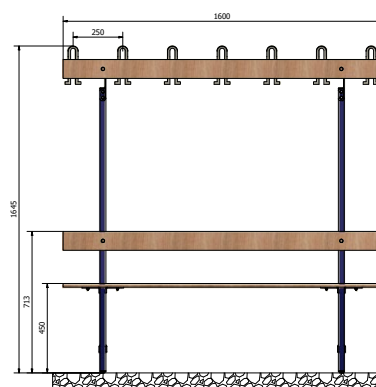
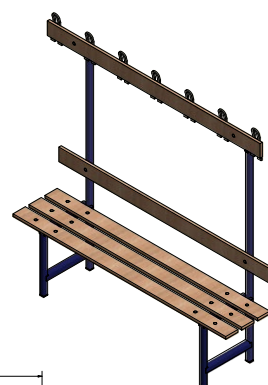
SH803.02.01

TYPE A



SH803.02.02

TYPE B





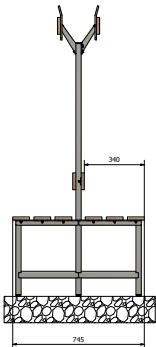
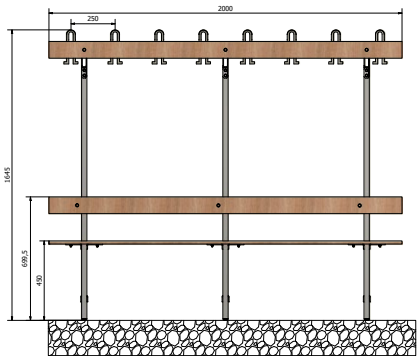
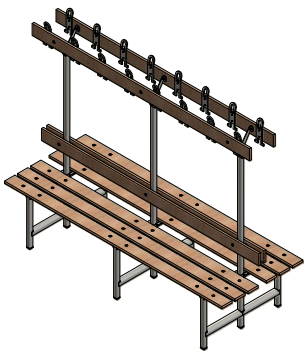
SH.803.02.99

Plastic hook,
black



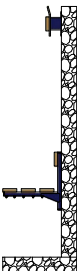
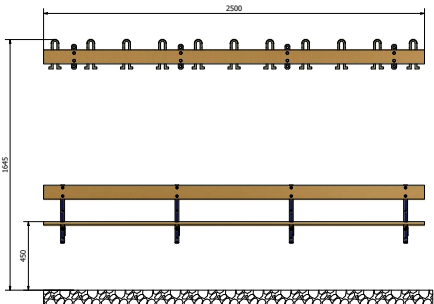
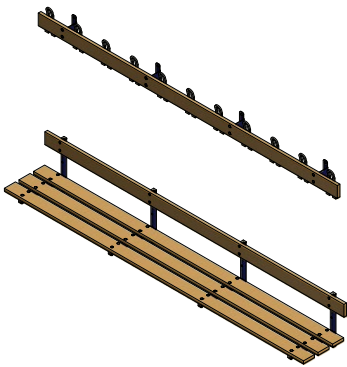
SH803.02.03

TYPE C



SH803.02.44

TYPE E+



DIVIDING CURTAINS



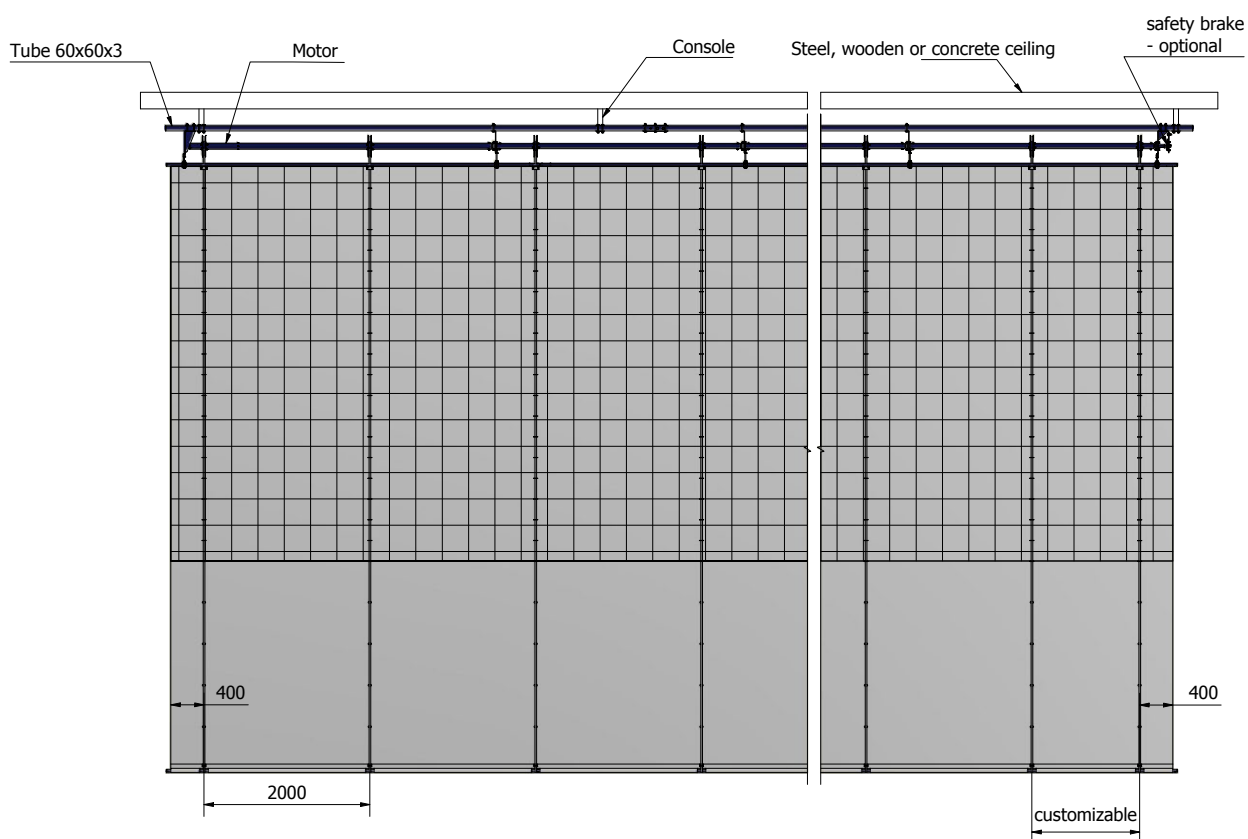
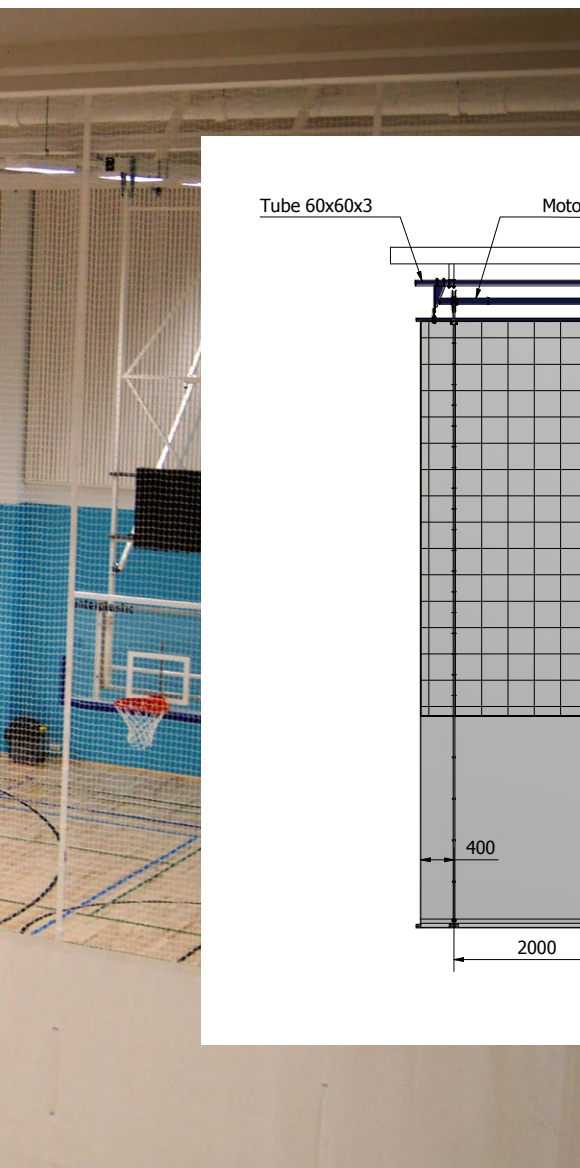
DIVIDING CURTAINS

SH801.01

Construction for mounting and lifting [vertically] a dividing curtain. Electrically operated with use of a steering box with deadman's switch function in accordance with DIN 7892:2017. Steel elements protected against corrosion with powder-coating / zinc galvanization. Mounted to a steel beam [60x60x3 mm or similar] or directly to the roof structure.

The curtain is operated by electrical motor with integrated limit switches. Electrical mechanical safety brakes prevent uncontrolled curtain slips. The curtain is pulled up with use of polyester belts placed in axial distance of approximately 200 cm.

Power and steering supply lines for the motor for dividing curtains up to 30 m width and 9 m high:	230 V; 50 Hz, 435 W, 1,9 A
From mains to control panel:	3x1,5 mm ²
From control panel to motor:	5x1,5 mm ²
Power and steering supply lines for the motor for dividing curtains wider than 30 m or/and higher than 9 m:	400 V; 50 Hz, 1000 W, 1,8 A
From mains to control panel:	3x1,5 mm ²
From control panel to motor:	5x1,5 mm ²



Combined dividing curtain made of:

- polypropylene net mesh 50x50 mm (100x100 mm available upon request), thickness 3 mm, colour white, grey or black - on the upper part of the curtain
- non-transparent polyester fabric, coated with PVC on both sides, UV resistant, waterproof, microbiologically resistant, fire resistant according to DIN 4102 B1; weight: 700 g/m² (+/- 50 g), available in grey, white or blue - on the bottom part

Including: set of strengthening metal pipes and polyester retracting belts with metal eyelets.

IMPORTANT NOTICE



Type, size and location of the dividing curtains' construction and its auxiliary structure are depending on the building's conditions and they must be considered individually each time

In order to design and manufacture a proper auxiliary structure and dividing curtain's construction, the General Contractor / Purchaser is obliged to provide all necessary cross-sections of the hall including detailed drawings of the roof structure and a floor plan with requested location of all dividing curtains (preferably in DWG file format)

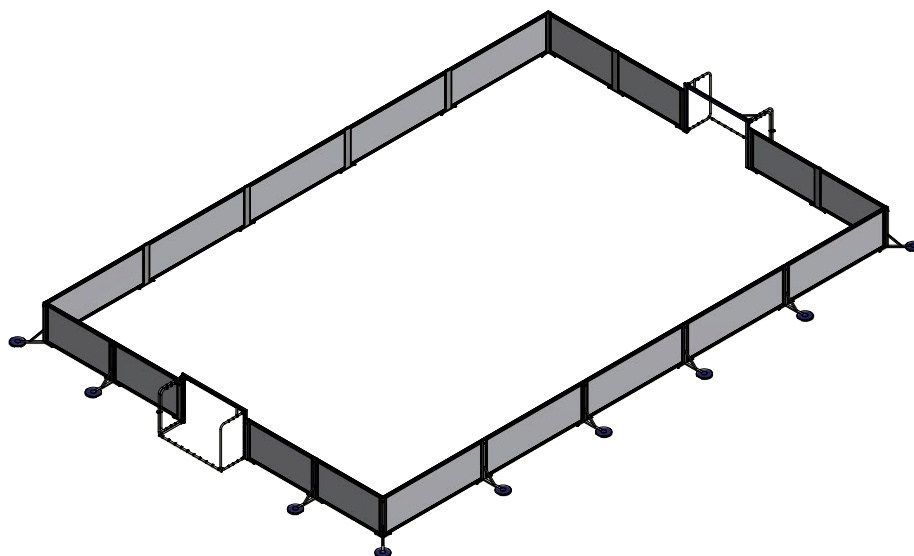


BB102.05.03

Surface mounted
key switch ["Hold to Run"]

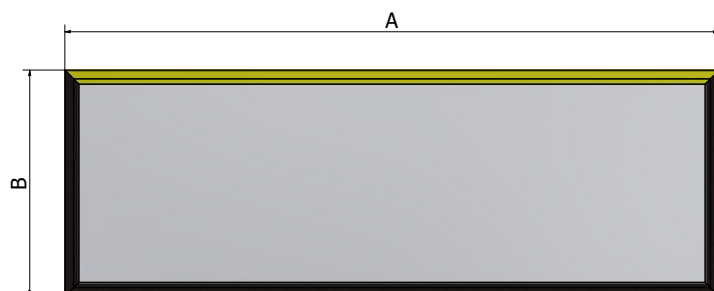
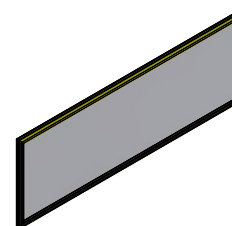
FOOTBALL ARENA

FB110.12.08	12x8 m arena – set of posts and panes without the netting and counterweights. Height: ~1070 mm
FB110.15.10	15x10 m arena – set of posts and panes without the netting and counterweights. Height: ~1070 mm
FB110.18.12	18x12 m arena – set of posts and panes without the netting and counterweights. Height: ~1070 mm
FB110.40.20	40x20 m arena – set of posts and panes without the netting and counterweights. Height: ~1070 mm



Sandwich panels

FB110.02.10	Sandwich type panel in aluminium frame 100x100 cm
FB110.02.20	Sandwich type panel in aluminium frame 200x100 cm
FB110.02.30	Sandwich type panel in aluminium frame 300x100 cm
FB110.02.01	Sandwich type panel in aluminium frame 100x100 cm with entry gate

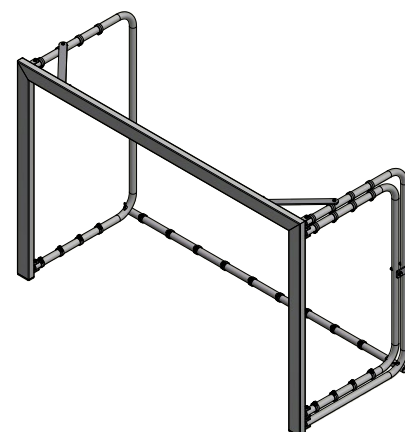


Dimensions:

Index	A	B
FB110.02.10	1000	1030
FB110.02.20	2000	1030
FB110.02.30	3000	1030

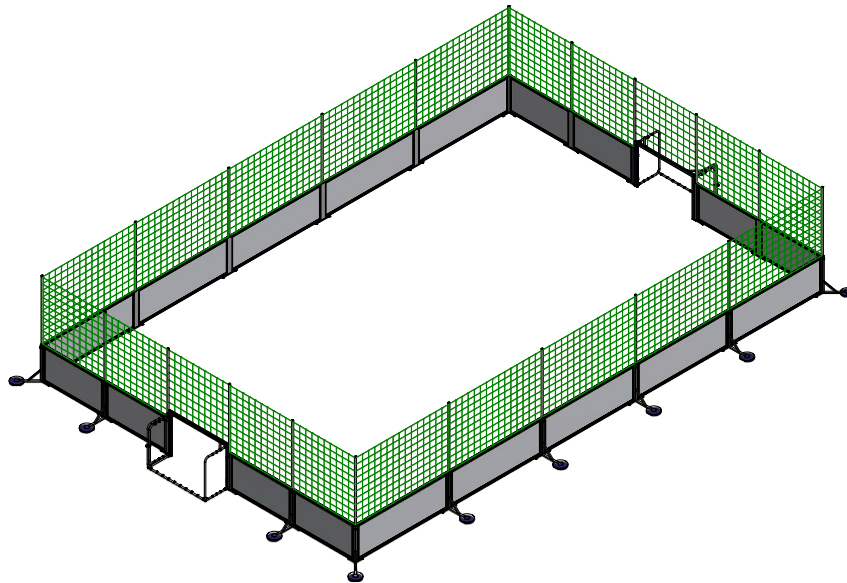
Goalposts

FB110.01.82	Goalpost 180x120 cm with entry gate
FB110.01.28	Goalpost 180x120 cm without entry gate
FB110.01.32	Goalpost 300x200 cm with entry gate
FB110.01.23	Goalpost 300x200 cm without entry gate
FB110.01.41	Goalpost 400x130 cm with entry gate
FB110.01.14	Goalpost 400x130 cm without entry gate

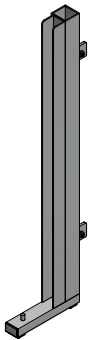


FOOTBALL ARENA

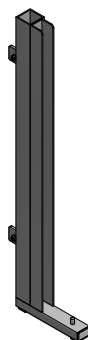
FB110.22.08	12x8 m arena – set of posts and panels including the netting, without counterweights. Height: 3020 mm
FB110.25.10	15x10 m arena – set of posts and panels including the netting, without counterweights. Height: 3020 mm
FB110.28.12	18x12 m arena – set of posts and panes without the netting and counterweights. Height: 3020 mm
FB110.20.20	40x20 m arena – set of posts and panes without the netting and counterweights. Height: 3020 mm



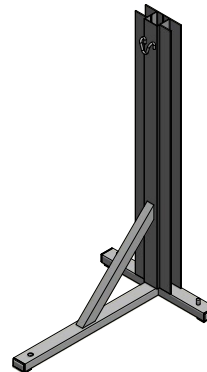
Aluminum support posts



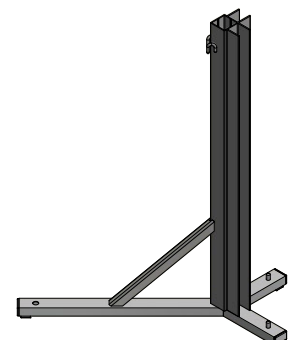
Post connecting the panels to goalposts which are less than 100 cm high, right
FB110.03.10



Post connecting the panels to goalposts which are less than 100 cm high, left
FB110.03.01



Aluminium connecting post 180°
FB110.03.18



Aluminium connecting post 90°
FB110.03.90

Accessories

FB110.03.20	Aluminium post for installing the net, 2 m long
FB110.04.22	Counterweights (ballasts for posts)
SH803.03.10	Protecting net, Polypropylene, mesh 10x10 cm, 3 mm thick
SH803.03.50	Protecting net, Polypropylene, mesh 5x5 cm, 3 mm thick
FB106.18.40	Nets for 180x120 cm goalposts, polypropylene 4 mm, mesh 100x100 mm [only for goalposts without the entry gate]
HB306.30.40	Nets for 300x200 cm goalposts, polypropylene 4 mm, mesh 100x100 mm [only for goalposts without the entry gate]
FB306.40.40	Nets for 400x130 cm goalposts, polypropylene 4 mm, mesh 100x100 mm [only for goalposts without the entry gate]

INSTALLATION ACCESSORIES



Socket casing. Steel, galvanized. Diameter: 127 or 219 cm.
Height: upon request.

SH805.01



Anchor hook. Height: 50-250 mm. Steel, galvanized.
Quick link included [M12].

SH805.02



Reinforcement ring. Steel, galvanized. Diameter: 219 mm.
Height: 50-250 mm.

SH805.03



Rubber screws [M12]

25 mm
30 mm
40 mm

HB307.01.25
HB307.01.30
HB307.01.40

70 mm
120 mm
140 mm

HB307.01.70
HB307.01.12
HB307.01.14



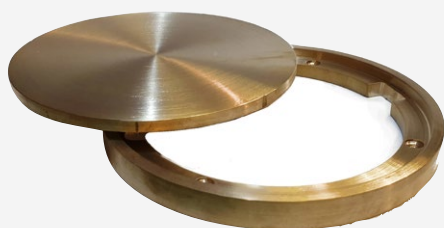
vacuum sucker, capacity min. 30 kg

VB202.06.30



Rubber suction cup, capacity min. 15 kg

VB202.06.15



Brass ring with cover.
Total diameter: 161 mm (~126 mm inside).

VB202.06.06



Brass ring with cover on a hinge.
Total diameter: 161 mm (~126 mm inside).

VB202.26.61

Brass ring with cover.
Total diameter: 188 mm (~153 mm inside).

VB202.06.08

Brass ring with cover on a hinge.
Total diameter: 188 mm (~153 mm inside).

VB202.26.88

Football

Handball

Volleyball

Basketball

Badminton & Tennis

Rugby & American Football

Floorball

Beach Sports

Gymnastics

Sports Hall Equipment

interplastic®
SINCE 1985



Professional football goalpost type 1 (7,32x2,44 m)

- Designed for clubs and highest level competitions (World Championships; Olympic Games, Champions League etc.).

MAIN FEATURES:

- Made and tested to EN 748, complies with FIFA/UEFA requirements
- Certificates of conformity with EN 748 and ROCT P 55665-2013
- Compatible with goal line technology
- Foldable ground frame allows to easy maintenance of the pitch surface (no need of disassembly of the goalposts or net)
- Welded corners joints provide strength and durability
- One complete pair of goalposts including nets can be packed into 2 packages 7,55x0,3x0,4 m, what makes them very easy to transport, also via air cargo. This feature gives also an opportunity to load up to 60 pcs of goalposts on a single truck (13,6 LDM)
- Ground frame has special designed rail designed for net hooks. The shape and weight of the ground frame eliminates the need of any additional anchors (like i.e. U-pegs), what gives the opportunity to use the goalposts both on artificial and natural grass.

FB101.07.11

SPECIFICATION:

- Dimensions: Goal frame: 7,32x2,44 m [internal dimensions]. Ground frame depth: 200 cm
- Weight: ~70 kg
- Colors: frame: white [RAL 9003], tensioning uprights: black [RAL 9005], ground frame: white
- Crossbar and uprights made of 120x100 mm reinforced aluminum, powder coated white
- Ground frame [bottom net support] made from 80x40 mm reinforced aluminum, powder coated white
- tensioning uprights [net supports]
- Anchoring: ground sleeves FB102.01.01 and FB102.01.03
- Sockets and nets sold separately

Goal frame is made of oval aluminium profiles [dimensions: 120x100x2 mm, aluminium alloy 6063T6] powder-coated in white [RAL 9003], and contains:

- two uprights 2,84 m
- crossbar with welded corners 7,52 m of total length
- two aluminium connectors 0,15 m long [to connect uprights and the crossbar]

Available also with reinforced aluminium profile 120x100x2,5 mm which provides superb



Two tensioning uprights, made of steel tubes [48,3x3,2 mm], painted twice: base, anti-corrosion layer and then powder-coated in black or white [RAL 9005/RAL 9003], each is equipped with pulley, cap on the top and a cleat.



Ground frame, made of aluminum profile [dimensions: 80x40 mm, aluminum alloy 6063T6], powder coated in white [RAL 9003], depth of the ground frame: 200 cm.

The special 80x40 mm profile provides outstanding resistance to deformation and ensures strength and stiffness for many years of intense use.

In set:

white net hooks for attaching the net
[made of UV and weather-resistant polyamide]



fastening elements [hinges, bolts, nuts, etc]



FOOTBALL GOALPOSTS

FULL SIZED CLUB GOALPOST type 1A

Net support elements (ground frame and tensioning posts) made of aluminum



MAIN FEATURES:

- Made and tested to EN 748
- Certificates of conformity with EN 748
- Foldable ground frame allows to easy maintenance of the pitch surface (no need of disassembly of the goalposts or net)
- Welded corners joints provide strength and durability
- Suitable for 7,3x2,4 m box type net (depth: 200/200 cm)

SPECIFICATION:

- Dimensions: Goal frame: 7,32x2,44 m [internal dimensions]. Bottom net support depth: 200 cm.
- Weight: ~60 kg
- Crossbar and uprights made of 120x100 mm reinforced aluminum, powder coated white [RAL 9003]
- Tensioning uprights [net supports] made from 50x3 mm aluminum tubes, powder coated white [RAL 9003]
- Ground frame [bottom net support made from 35x2 mm steel tube, protected against corrosion by hot galvanization]
- Net hitches and hooks for installing the net in set
- Anchoring: ground sleeves FB102.01.01 and FB102.01.03
- Sockets and nets sold separately

FB101.07.12

FULL SIZED CLUB GOALPOST type 1S

Net support made of aluminum (ground frame) and steel (tensioning posts)



MAIN FEATURES:

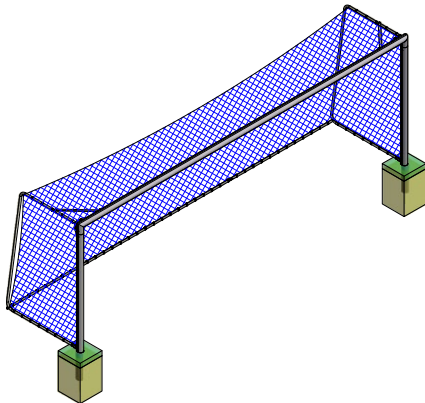
- Made and tested to EN 748
- Certificates of conformity with EN 748
- Foldable ground frame allows to easy maintenance of the pitch surface (no need of disassembly of the goalposts or net)
- Welded corners joints provide strength and durability
- Suitable for 7,3x2,4 m box type net (depth: 200/200 cm)

SPECIFICATION:

- Dimensions: Goal frame: 7,32x2,44 m [internal dimensions]. Bottom net support depth: 200 cm.
- Weight: ~60 kg
- Crossbar and uprights made of 120x100 mm reinforced aluminum, powder coated white [RAL 9003]
- Tensioning uprights [net supports] made from 48,3x2,9 mm steel tubes, protected against corrosion by hot galvanization
- Ground frame [bottom net support made from 35x2 mm steel tube, protected against corrosion by hot galvanization]
- Net hitches and hooks for installing the net in set
- Anchoring: ground sleeves FB102.01.01 and FB102.01.03
- Sockets and nets sold separately

FB101.07.13

FULL SIZED SOCKETED TRAINING GOALPOST type 2C



MAIN FEATURES:

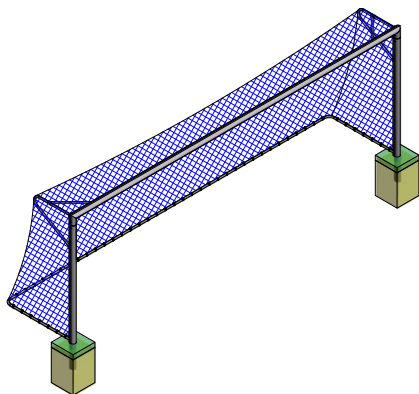
- Made and tested to EN 748
- Installed in ground sleeves
- Certificates of conformity with EN 748
- Foldable net support for easy storing in a warehouse
- Welded corners joints provide strength and durability
- Suitable for 7,3x2,4 m standard type net (depth: 80/150 cm)

SPECIFICATION:

- Dimensions: Goal frame: 7,32x2,44 m [internal dimensions]. Net support depth: 120/150 cm.
- Weight: ~50 kg
- Crossbar and uprights made of 120x100 mm reinforced aluminum, powder coated white [RAL 9003]
- "C" shaped net support made from 35x2 mm steel tubes, hot-galvanized
- Net hitches and hooks for installing the net in set
- Anchoring: ground sleeves FB102.01.01
- Sockets and nets sold separately

FB101.07.21

FULL SIZED SOCKETED TRAINING GOALPOST type 2P



MAIN FEATURES:

- Made and tested to EN 748
- Installed in ground sleeves
- Certificates of conformity with EN 748
- Foldable net support for easy storing in a warehouse
- Welded corners joints provide strength and durability
- Suitable for 7,3x2,4 m standard type net (depth: 80/150 cm)

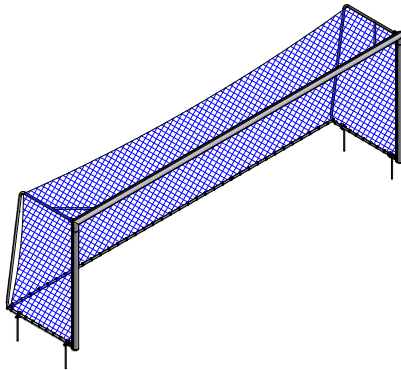
SPECIFICATION:

- Dimensions: Goal frame: 7,32x2,44 m [internal dimensions]. Net support depth: 80/150 cm.
- Weight: ~45 kg
- Crossbar and uprights made of 120x100 mm reinforced aluminum, powder coated white [RAL 9003]
- "P" shaped net support made from 35x2 mm steel tubes, hot-galvanized
- Ground frame [bottom net support] made from 35x2 mm steel tube, protected against corrosion by hot galvanization
- Net hitches and hooks for installing the net in set
- Anchoring: ground sleeves FB102.01.01
- Sockets and nets sold separately

FB101.07.22

FOOTBALL GOALPOSTS

FULL SIZED PORTABLE GOALPOST type 3



MAIN FEATURES:

- Made and tested to EN 748
- Portable, dedicated for natural grass only
- Certificates of conformity with EN 748
- Foldable net support for easy storing in a warehouse
- Welded corners joints provide strength and durability
- Suitable for 7,3x2,4 m standard type net (depth: 80/150 cm)

SPECIFICATION:

- Dimensions: Goal frame: 7,32x2,44 m [internal dimensions]. Net support depth: 120/150 cm.
- Weight: ~50 kg
- Crossbar and uprights made of 120x100 mm reinforced aluminum, powder coated white [RAL 9003]
- "C" shaped net support made from 35x2 mm steel tubes, hot-galvanized
- Anchoring pins in set [4x hot galvanized threaded rod]
- Net hitches and hooks for installing the net in set
- Nets sold separately

FB101.07.31

FULLY WELDED PORTABLE GOALPOST 7,32X2,44 M



MAIN FEATURES:

- made in accordance with EN 748
- portable, dedicated for natural and artificial grass
- made of aluminum only, fully welded
- light, super rigid and durable
- raw aluminium
- suitable for standard 5x2x0,8x1,5 m nets

SPECIFICATION:

- front frame: 7,32x2,44 m [oval aluminum profile 120x100 mm]
- net support: 80/200 cm deep, made of aluminum profile 80x40 mm [ground frame] and aluminum tube 50 mm
- net hooks ["Omega"] in set
- welded handles for easy carrying
- no assembly is required
- nets sold separately

FB101.07.33

FIXED JUNIOR GOALPOST type 2C



MAIN FEATURES:

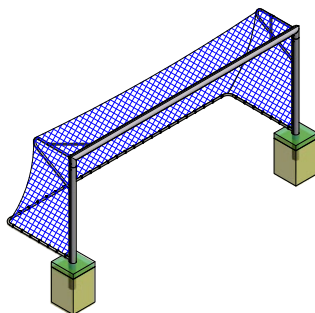
- Made and tested to EN 748
- Installed in ground sleeves
- Certificates of conformity with EN 748
- Foldable net support for easy storing in a warehouse
- Welded corners joints provide strength and durability
- Suitable for 5x2 m standard type net (depth: 80/150 cm)

SPECIFICATION:

- Dimensions: Goal frame: 5x2 m [internal dimensions]. Net support depth: 120/150 cm.
- Weight: ~45 kg
- Crossbar and uprights made of 120x100 mm reinforced aluminum, powder coated white [RAL 9003]
- "C" shaped net support made from 35x2 mm steel tubes, hot-galvanized
- Net hitches and hooks for installing the net in set
- Anchoring: ground sleeves FB102.01.01
- Sockets and nets sold separately

FB101.05.21

FIXED JUNIOR GOALPOST type 2P



MAIN FEATURES:

- Made and tested to EN 748
- Installed in ground sleeves
- Certificates of conformity with EN 748
- Foldable net support for easy storing in a warehouse
- Welded corners joints provide strength and durability
- Suitable for 5x2 m standard type net (depth: 80/150 cm)

SPECIFICATION:

- Dimensions: Goal frame: 5x2 m [internal dimensions]. Net support depth: 80/150 cm.
- Weight: ~40 kg
- Crossbar and uprights made of 120x100 mm reinforced aluminum, powder coated white [RAL 9003]
- "P" shaped net support made from 35x2 mm steel tubes, hot-galvanized
- Ground frame [bottom net support made from 35x2 mm steel tube, protected against corrosion by hot galvanization]
- Net hitches and hooks for installing the net in set
- Anchoring: ground sleeves FB102.01.01
- Sockets and nets sold separately

FB101.05.22

FOOTBALL GOALPOSTS

OUTDOOR JUNIOR PORTABLE GOALPOST type 3



MAIN FEATURES:

- Made and tested to EN 748
- Portable, dedicated for natural grass only
- Certificates of conformity with EN 748
- Foldable net support for easy storing in a warehouse
- Welded corners joints provide strength and durability
- Suitable for 5x2 m standard type net (depth: 80/150 cm)

SPECIFICATION:

- Dimensions: Goal frame: 5x2 m [internal dimensions]. Net support depth: 120/150 cm.
- Weight: ~45 kg
- Crossbar and uprights made of 120x100 mm reinforced aluminum, powder coated white [RAL 9003]
- "C" shaped net support made from 35x2 mm steel tubes, hot-galvanized
- Net hitches and hooks for installing the net in set
- Anchoring: 50 cm long threaded, hot galvanized rods [4 pcs]
- Nets sold separately

FB101.05.31

INDOOR JUNIOR PORTABLE GOALPOST type 3



MAIN FEATURES:

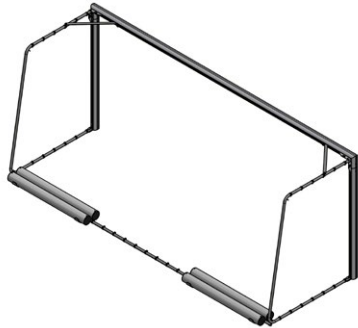
- Made and tested to EN 748
- Portable, dedicated for indoor use (PVC floors on a sub-base and wooden parquets)
- Certificates of conformity with EN 748
- Foldable net support for easy storing in a warehouse
- Welded corners joints provide strength and durability
- Suitable for 5x2 m standard type net (depth: 80/150 cm)
- Suitable for 7,3x2,4 m standard type net (depth: 80/150 cm)

SPECIFICATION:

- Dimensions: Goal frame: 5x2 m [internal dimensions]. Net support depth: 120/150 cm.
- Weight: ~45 kg
- Crossbar and uprights made of 120x100 mm reinforced aluminum, powder coated white [RAL 9003]
- "C" shaped net support made from 35x2 mm steel tubes, powder coated in white [RAL 9003]
- Net hitches and hooks for installing the net in set
- Anchoring: ground plates and safety [rubber] screws [4 pcs + 4 pcs]
- Nets sold separately

FB101.05.32

JUNIOR PORTABLE GOALPOST type 4



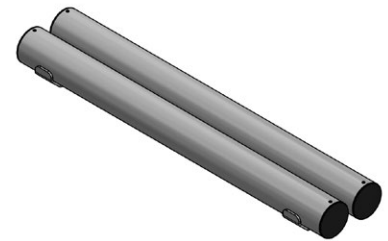
MAIN FEATURES:

- Made and tested to EN 748
- Portable, dedicated for natural and artificial grass
- Certificates of conformity with EN 748
- Foldable net support for easy storing in a warehouse
- Welded corners joints provide strength and durability
- No need for any ground anchors thanks to provided counterweights
- Suitable for 5x2 m standard type net (depth: 80/150 cm)

SPECIFICATION:

- Dimensions: Goal frame: 5x2 m [internal dimensions]. Net support depth: 120/150 cm.
- Weight: ~45 kg [goalpost] + 4x 40 kg [counterweights]
- Crossbar and uprights made of 120x100 mm reinforced aluminum, powder coated white [RAL 9003]
- "C" shaped net support made from 35x2 mm steel tubes, hot-galvanized
- Counterweights in set [4x aluminum tube to be filled with sand + 4x special installation bracket]
- Net hitches and hooks for installing the net in set
- Nets sold separately

FB101.05.41



FULLY WELDED PORTABLE GOALPOST 5X2 M



MAIN FEATURES:

- made in accordance with EN 748
- portable, dedicated for natural and artificial grass
- made of aluminum only, fully welded
- light, super rigid and durable
- raw aluminium
- suitable for standard 5x2x0,8x1,5 m nets

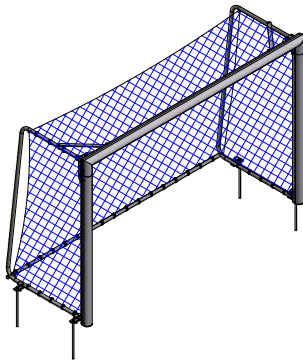
SPECIFICATION:

- front frame: 5x2 m [oval aluminum profile 120x100 mm]
- net support: 80/150 cm deep, made of aluminum profile 80x40 mm [ground frame] and aluminum tube 50 mm
- net hooks ["Omega"] in set
- welded handles for easy carrying
- no assembly is required
- nets sold separately

FB101.05.33

FOOTBALL MINI GOALPOSTS 3x2m

MINI FOOTBALL / FUTSAL PORTABLE GOALPOST (120x100 mm)



MAIN FEATURES:

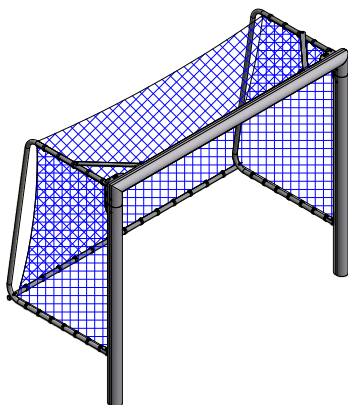
- Portable, dedicated for natural grass/indoor use
- Foldable net support for easy storing in a warehouse
- Welded corners joints provide strength and durability
- Suitable for 3x2 m standard type net (depth: 80/100 cm)

SPECIFICATION:

- Dimensions: Goal frame: 3x2 m [internal dimensions]. Net support depth: 80/100 cm.
- Crossbar and uprights made of 120x100 mm reinforced aluminum, powder coated white [RAL 9003]
- "C" shaped net support made from 35x2 mm steel tubes, hot-galvanized
- Net hitches and hooks for installing the net in set
- Outdoor anchoring: 50 cm long threaded, hot galvanized rods [4 pcs]
- Indoor anchoring: ground plates and safety [rubber] screws [4 pcs + 4 pcs]
- Nets sold separately

FB101.03.21

MINI FOOTBALL / FUTSAL FIXED GOALPOST (120x100 mm)



MAIN FEATURES:

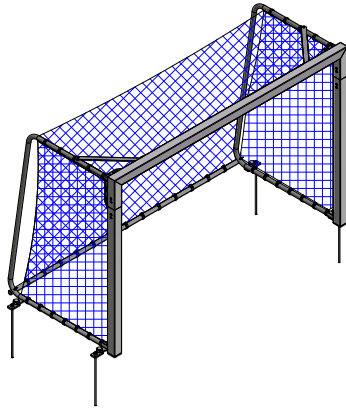
- Installed in ground sleeves, dedicated for outdoor use
- Foldable net support for easy storing in a warehouse
- Welded corners joints provide strength and durability
- Suitable for 3x2 m standard type net (depth: 80/100 cm)

SPECIFICATION:

- Dimensions: Goal frame: 3x2 m [internal dimensions]. Net support depth: 80/100 cm.
- Crossbar and uprights made of 120x100 mm reinforced aluminum, powder coated white [RAL 9003]
- "C" shaped net support made from 35x2 mm steel tubes, hot-galvanized
- Net hitches and hooks for installing the net in set
- Anchoring: ground sleeves FB102.01.01
- Sockets and nets sold separately

FB101.03.11

MINI FOOTBALL / FUTSAL PORTABLE GOALPOST (80x80 mm)



MAIN FEATURES:

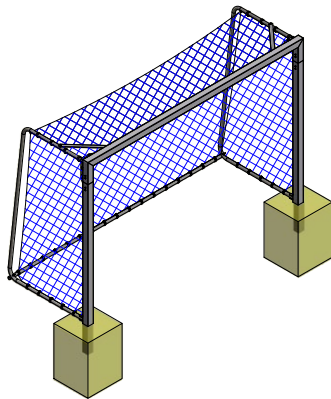
- Portable, dedicated for natural grass/indoor use
- Foldable net support for easy storing in a warehouse
- Welded corners joints provide strength and durability
- Suitable for 3x2 m standard type net (depth: 80/100 cm)

SPECIFICATION:

- Dimensions: Goal frame: 3x2 m [internal dimensions]. Net support depth: 80/100 cm.
- Crossbar and uprights made of 80x80 mm reinforced aluminum, powder coated RAL 9006
- "C" shaped net support made from 35x2 mm steel tubes, hot-galvanized
- Net hitches and hooks for installing the net in set
- Outdoor anchoring: 50 cm long threaded, hot galvanized rods [4 pcs]
- Indoor anchoring: ground plates and safety [rubber] screws [4 pcs + 4 pcs]
- Nets sold separately

FB101.03.22

MINI FOOTBALL / FUTSAL FIXED GOALPOST (80x80 mm)



MAIN FEATURES:

- Installed in ground sleeves, dedicated for outdoor use
- Foldable net support for easy storing in a warehouse
- Welded corners joints provide strength and durability
- Suitable for 3x2 m standard type net (depth: 80/100 cm)

SPECIFICATION:

- Dimensions: Goal frame: 3x2 m [internal dimensions]. Net support depth: 80/100 cm.
- Crossbar and uprights made of 80x80 mm reinforced aluminum, powder coated in RAL 9006
- "C" shaped net support made from 35x2 mm steel tubes, hot-galvanized
- Net hitches and hooks for installing the net in set
- Anchoring: ground sleeves FB102.01.01
- Sockets and nets sold separately

FB101.03.12

FOOTBALL MINI GOALPOSTS

MINI FOOTBALL PORTABLE GOALPOST (80x80 mm)



MAIN FEATURES:

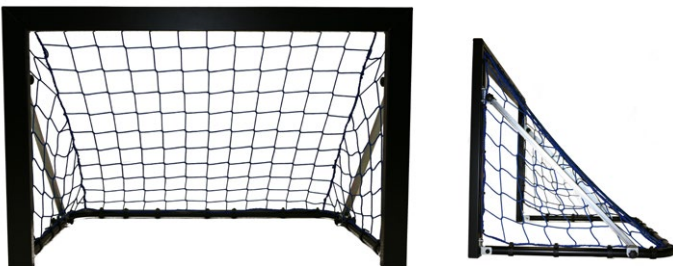
- Light, portable goalpost
- Can be shipped in a card box
- Welded corners joints provide strength and durability
- Net in set (PP 3 mm, blue)

SPECIFICATION:

- Dimensions: Goal frame: 180x120 cm or 120x80 cm (internal dimensions). Net support depth: 70 cm.
- Crossbar and uprights made of 80x80 mm reinforced aluminum, powder coated in RAL 9006
- Ground frame made of 80x40 mm aluminum profile, powder coated in RAL 9006
- Net supporting pipes made of 35x2 mm steel tubes, powder coated in RAL 9006
- Net hitches and hooks for installing the net in set

180x120 cm **FB101.18.01**
120x80 cm **FB101.12.01**

MINI FOOTBALL PORTABLE GOALPOST (80x40 mm)



MAIN FEATURES:

- Light, portable goalpost
- Can be shipped in a card box
- Welded corners joints provide strength and durability
- Net in set (PP 3 mm, blue)

SPECIFICATION:

- Dimensions: Goal frame: 180x120 cm or 120x80 cm (internal dimensions). Net support depth: 70 cm.
- Crossbar and uprights made of 80x40 mm reinforced aluminum, powder coated in RAL 9005
- Ground frame made of 80x40 mm aluminum profile, powder coated in RAL 9005
- Reinforcing profiles made of 25x25 mm steel tubes, zinc galvanized
- Net hitches and hooks for installing the net in set

180x120 cm **FB101.18.02**
120x80 cm **FB101.12.02**

SEVERAL OTHER OPTIONS AVAILABLE - ASK OUR SALES TEAM FOR MORE INFO



BAZOOKA GOAL



MAIN FEATURES:

- Dimensions: 120x75 cm
- Light, portable goalpost
- Can be shipped in a carrying bag
- Dimensions when folded: 149x18x10 cm
- Weight 4,5 kg
- Net in set (PP 3 mm, blue)



Bazooka Goal is a new generation solid frame pop up goal. It is ideal for skills training and is used by clubs and academies all over Europe. The solid frame ensures that the goal is durable and able to withstand the toughest impacts. The patented spring coil system means that the frame will flex on impact.

There is no need for ground pegging and the design makes it safe for the youngest players.

Additional features:

Telescopic frame poles Goal Strap for carrying and to stabilize frame Quick launch button for speedy set up.

FB101.12.03

Steel mini football goals (portable)



DIMENSIONS	160x115 cm	120x90 cm	90x60 cm	60x45 cm
FRAME	Fully welded	Fully welded	Fully welded	Fully welded
GOAL COLOUR	Blue (RAL 5010) Silver (RAL 9006)	Blue (RAL 5010) Silver (RAL 9006)	Blue (RAL 5010) Silver (RAL 9006)	Blue (RAL 5010) Silver (RAL 9006)
NET COLOUR	Blue	Blue	Blue	Blue
NET TYPE	PP 3 mm	PP 3 mm	PP 3 mm	PP 3 mm
NET MESH	100x100 mm	100x100 mm	45x45 mm	45x45 mm
INDEX	#114300	#114301	#111302	#111303

FOOTBALL GOALPOSTS' ACCESSORIES



120x100 mm profile socket

Ground socket for 120x100 mm profile. Suitable for all socketed goalpost (type 1 and 2).
Made of aluminum, depth 500 mm. Construction allows to use it with a drainage pipe.

FB102.01.01



80x80 mm profile socket

Ground socket for 80x80 mm profile. Suitable for all mini-football goalpost with a frame made of 80x80 mm profile.
Made of aluminum, depth 350 mm. Construction allows to use it with a drainage pipe.

FB102.01.02



50 mm profile socket

Ground socket for 50 mm profile. Suitable for all tensioning uprights (net support post).
Made of aluminum, depth 500 mm. Construction allows to use it with a drainage pipe.

FB102.01.03



Lid for 120x100 mm profile socket

Made of aluminum.
It is recommended to use them when a goalpost is dismounted (in order to prevent dirt falling into the socket).

FB102.02.01



Lid for 80x80 mm profile socket

Lid for 80x80 mm profile socket. Made of stainless steel, for outdoor use.

FB102.02.02



Lid for 50 mm profile socket

Made of aluminum.
It is recommended to use them when a goalpost is dismounted (in order to prevent dirt falling into the socket).

FB102.02.03



OMEGA HOOK

Net hasps made of UV- and weather-resistant polyamide.
Available in 3 colors:

White **FB103.01.01**
Black **FB103.01.02**
Grey **FB103.01.03**



ROUND HOOK 35 MM

Net hitches made of UV- and weather-resistant polyamide.
Suitable for 35 mm diameter pipes.

Available in 3 colors:
White **FB103.02.01**
Black **FB103.02.02**
Grey **FB103.02.03**



Pair of trolleys for transporting one goalpost.

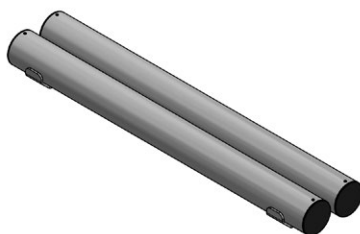
HB307.07



Transport wheels

Set of two wheels. Allows to carry any portable goalpost with main frame made of 120x100 mm profile. Made of steel, protected against corrosion by zinc galvanization. Wheels: full rubber.

FB102.03.01



Potable counterweight

Made of aluminum, to be filled with sand. Set contains: 2x aluminum grip and 2x aluminum tube. Weight (when filled): 40 kg each tube. Two sets are required for one 5x2 m goalpost.

FB102.03.03



Anchoring pin

Made of hot galvanized steel. Necessary to secure type 3 goalpost to the natural grass

FB102.04.01



Rubber-head screw

Rubber screw for football and handball goalposts. M12 thread, length 30 mm (other upon request). Diameter of the rubber head: 50 mm.

HB307.01.30



Ground plate

Ground plate for installing a portable goalpost to any suspended floor type. Diameter: 76 mm, thickness: 4 mm, with welded M12 nut. Zinc galvanized. Not suitable for PVC floors glued directly to concrete.

HB307.02.76



Installation plate

Installation plate for attaching a portable goalpost to natural grass. Avail to remove the goalpost without pulling out the metal pins (rods). Made of steel, protected against corrosion by zinc galvanization.

FB102.04.02

SBR RUBBER



GUM PRO SBR RUBBER

- GUM PRO is a recycled rubber granulate obtained by the grinding of car tires (passenger cars and trucks). It contains natural rubbers and synthetic rubbers (mainly SBR).
- Intended use: Sport surfaces (tennis courts, filling of external sport facilities), insulation, bitumen, and road architecture
- Grain size: 2,0 - 4,0 mm

FOOTBALL TRAINING EQUIPMENT



Goalkeeper training wall

Polyester laminate wall (130x200 cm) on a hot galvanized trolley. Every time the ball hits the wall it bounces with a different angle (direction). Trolley has two fixed wheels and two swivel with brake. Counterweights included.

FB104.01



Agility ladder

Agility ladder made of 12 polyethylene rungs (tube diameter 25 mm, 60 cm long) connected together with polyester straps. Distance between rungs: 60 cm, total length of the ladder: approx. 7,8 m. Delivered with a carrying bag.

FB104.02



Slalom pole (with rubber base)

Slalom pole on a rubber base. Pole made of 25 mm diameter polyethylene tube, available in red and yellow. Black rubber base with diameter of approx. 235 mm and weight of 640 grams (+/- 20 g). Total height: 120 cm. Suitable for any surface.

FB104.03.01



Sled

Football training sled. Made of steel profiles, protected against corrosion by hot galvanization. The sled can be used with standard weight lifting discs (sold separately).

FB104.04



Ball rebounder

Ball rebounder for training. Square-shaped frame, with dimensions of 130x130 cm, with a stretched polyethylene net in blue color (mesh 40x40 mm). The angle of the frame is set up by a telescopic connector (3 steps: 45°, 60° and 75°). The frame is made of steel pipes with a diameter of 35 mm, protected against corrosion by powder coating in blue (RAL 5010).

FB.104.05



Bending slalom pole

Bending slalom pole made of 25 mm diameter polycarbonate tube (available in yellow and red), with a plug on top and zinc galvanized spring on bottom. Can be used on a natural turf only.

FB104.03.02



Fixed hurdles

Hurdle made of powder coated (in white RAL 9003) steel tubes (diameter 25 mm). Width: 100 cm.

Available in 3 options of height:

12 cm **FB104.06.12**

21 cm **FB104.06.21**

30 cm **FB104.06.30**



Plastic cones

Cones made of soft polyethylene, available in different colors (red, yellow, blue, green) and three heights:

6 cm **GM710.05.06**

26 cm **GM710.05.26**

26 cm with holes **GM710.05.27**

37 cm **GM710.05.37**

37 cm z with holes **GM710.05.38**



Footnet training set

Set includes: aluminum, telescopic uprights, tensioning straps, pegs, volleyball net, carrying bag. Height adjustment range: 106; 155, 215, 224, 235, 243 cm.

FB104.07

FOOTBALL STADIUM ARRANGEMENT / PITCH MAINTENANCE



SOCKET PRO

Steel socket with integrated lid (on a chain). Hot galvanized, dedicated for 50 mm diameter corner flags. Depth: 30 cm

FB105.01.01



SOCKET STD

Steel socket without a lid. Hot galvanized, dedicated for 50 mm diameter corner flags. Depth: 30 cm.

FB105.01.02



Professional bending corner flag

- 50 mm diameter, UV-resistant polycarbonate pipe
- 40x30 cm polyester fabric available in red, yellow or checkered pattern
- Total length: 1660 mm
- FIFA/UEFA standard
- Sockets sold separately

FB105.01

TELESCOPIC TUNNEL

Telescopic tunnel - the best way to provide safety for the players on their way from locker rooms to the pitch.

Main features:

Light, aluminum construction. Scissor system - quick unfolding and folding. Inflated rubber wheels - safe for both natural and artificial grass. Fire resistant PVC covering - available in several colors. Length up to 35 m. Width up to 3 m

FB105.03



Linesman flags

Classic line referee flags (set of 2).

Stick made of plastic, flag made of polyester fabric. Equipped with soft grips.

FB105.04



Field liner (chalker)

Dry line field marker. Steel construction, protected against corrosion by powder coating. Tank capacity: 35 l., line width: 100 mm. Telescopic (adjusted) handles.

FB105.02.01



Field drying roller

Removes water from all types of surfaces (grass, polyurethane, acrylic etc.). Steel construction, protected against corrosion by hot galvanization. Tank capacity: 40 l.

FB105.02.03

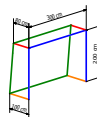
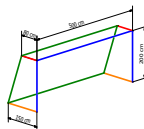
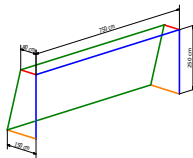
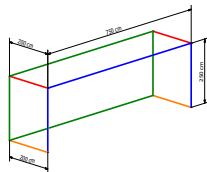


Paint line marker

Wheel-to-wheel marker that applies paint by transferring paint to the grass via 3 transfer wheels. Line width: 100 mm, paint reservoir capacity: 18 l.

FB105.02.04

FOOTBALL NETS FOR GOALPOSTS



Size		7,5x2,5x2x2 m	7,5x2,5x0,8x1,5 m	5x2x0,8x1,5 m	3x2x0,8x1 m
White, 4 mm*		FB106.70.40	N/A	N/A	N/A
White, 4 mm		FB106.70.41	FB106.71.41	FB106.50.41	HB306.30.41
Black, 4 mm		FB106.70.42	FB106.71.42	FB106.50.42	HB306.30.42
Blue, 4 mm		FB106.70.43	FB106.71.43	FB106.50.43	HB306.30.43
Green, 4 mm		FB106.70.44	FB106.71.44	FB106.50.44	HB306.30.44
White, 5 mm		FB106.70.51	FB106.71.51	FB106.50.51	HB306.30.51
Black, 5 mm		FB106.70.52	FB106.71.52	FB106.50.52	HB306.30.52
Blue, 5 mm		FB106.70.53	FB106.71.53	FB106.50.53	HB306.30.53
Green, 5 mm		FB106.70.54	FB106.71.54	FB106.50.54	HB306.30.54

*hexagonal mesh shape, recommended for highest level competitions

FOOTBALL BALL STOP SYSTEMS



Outdoor ball-stop systems

Customized fence systems, perfect for any type of surface and all disciplines. In standard whole system is powder-coated in dark green (RAL 6005). Other colours upon request.

Available options:

Heavy duty 120x100 mm aluminum profile, with internal reinforcement and net hasp lock. [Recommended in windy areas/open spaces]

Length 5,5 m [height 5 m]

[FB107.12.55](#)

Length 6,5 m [height 6 m]

[FB107.12.65](#)

80x80 mm aluminum profile, with internal reinforcement and net hasp lock.

Length 4,5 m [height 4 m]

[FB107.80.45](#)

Length 5,5 m [height 5 m]

[FB107.80.55](#)

Length 6,5 m [height 6 m]

[FB107.80.65](#)

Super durable, anti-vandal 80x80 mm steel profile.

[For anti-corrosion the profile is hot galvanized before painting]

Length 5 m [height 4 m]

[FB107.81.05](#)

Length 7 m [height 6 m]

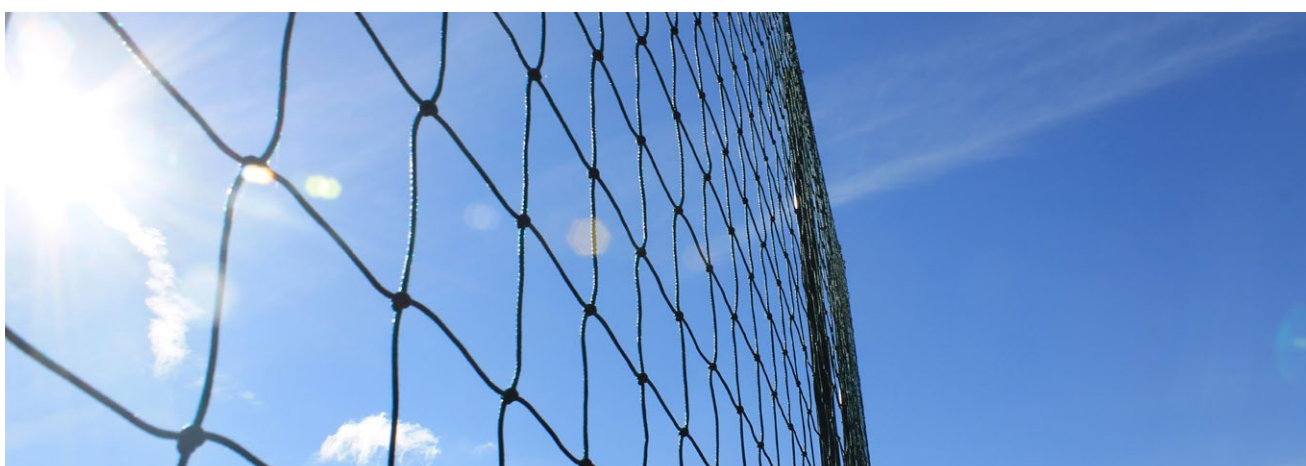
[FB107.81.07](#)

Accessories

In order to mount the net to the whole system, several accessories are required, like:

- strengthening struts [recommended for systems wider than 10 m]
- steel, hot galvanized strut connectors
- 500/1000 mm depth sockets
- Set of screws and nuts
- Steel, galvanized ropes [recommended PVC covering]
- Nylon carabineers or steel hooks

[If you are not sure how many or which accessories to choose ask your distributor]



Nets for outdoor systems

Super durable nets, made of knotted polyethylene [PE]. Main features:

- weather-proof
- UV-resistant
- Non-stretching
- Available in several colors

- Thickness: 2 - 4 mm
- Mesh: 50x50 mm or 100x100 mm
- Dimensions: upon request
- Unit: m² [sqm]

PE 3 MM, GREEN 100X100 MM

PE 3 MM, GREEN 50X50 MM

[FB107.03.10](#)

[FB107.03.05](#)

FOOTBALL TEAM SHELTERS



TEAM SHELTERS **FB108.00**

INTERPLASTIC's player and referee shelters - Top quality materials with precision of processing guarantees safety, reliability and many years of satisfactory use.

Main features:

- Customization - Several options available - an opportunity to customize the bench in accordance to users' needs
- Easy assembly - Screwed construction, which saves a lot of space during freight (no special transport conditions are required). Several benches might be load into one truck/container.
- Corrosion resistance - The shelter and its components are UV resistant and water-proof (corrosion-resistant due to use of powder coated aluminum profiles and stainless steel finishing parts)

International standards - Made in accordance to FIFA/UEFA requirements

Available options:

No of players

- 3, 6, 10 and 13 persons (standard)
- Other upon request (up to 23 players)

Construction

- Aluminium, assembled
- Aluminium, fully welded

Frame finish

- Powder coating - any RAL color

Footrest

- Riffled aluminum plate
- Water-proof plywood with artificial grass

Sheathing

- Semi-transparent polycarbonate cell panels
- Transparent solid polycarbonate panels

Seats

- Standard: polypropylene seats
- Luxury: artificial leather seats

Options

- Removable transport wheels
- Anchoring points (to mount in concrete foundations)



AMERICAN FOOTBALL/RUGBY GOALPOSTS AND ACCESSORIES



PROFESSIONAL ALUMINUM TELESCOPIC GOALPOSTS

Main features:

- Height: 10,1 m over pitch level
- Width: 5,6 m
- Crossbar: 3 m from the ground
- Recommended for both training and highest level games
- Made of special aluminium profiles, perfectly matched together
- Powder-coated in white
- 0,9 m deep heavy duty steel socket
- Hinged - very easy installation
- Complete with sockets, caps, nuts, washers etc.
- Made in accordance to IRB requirements

FB109.01



PROFESSIONAL AMERICAN FOOTBALL GOALPOSTS

Main features:

- Height: 9,1 m over pitch level
- Width: 5,6 m
- Crossbar: 3 m from the ground
- Recommended for both training and highest level games
- Made of special aluminum and steel profiles, perfectly matched together
- Powder coated in yellow
- Anchored by a set of welded together steel rods
- Hinged - very easy installation
- Complete with sockets, caps, nuts, washers etc.
- Made in accordance to NCAA requirements

FB109.02



Safety pads for rugby uprights / American football goals. Height 200 cm, 20 cm thick.

Available in blue, green, red and yellow.

Covered with weather-proof and UV-resistance PVC, filled in with water-proof polyethylene foam. Mounted with use of Velcro tapes.

FB109.03



BASKETBALL

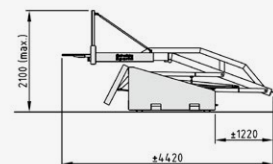
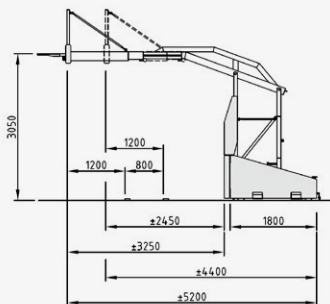
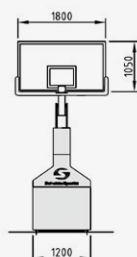
PORTABLE UNITS



SCHELDE SUPER SAM MULTI-ADJUST

- Highest class unit with regulated projection (within range of 245-325 cm)
- equipped with SAM (Spring Assisted Mechanism) - unique solution which allows to set up the unit by one person, without a need of any tools or electricity.
- no hydraulic parts, what eliminates oil leakages
- construction is based on patented DSF mechanism (Dynamic Sub Frame), which spreads the forces evenly on the sports floor and automatically sets the ring height on 305 cm
- protecting pads with thickness of 20 cm in blue color (other upon request)
- the backboard is made of tempered glass (20 mm thick) on a support frame, with a bottom edge protecting pad made of polyurethane
- Pro-Action 180° ring (brakes in 3 directions) in set with a white, anti-whip nylon net
- set of 6 swivel castors in front and 6 fixed castors on the back of the unit
- height of the ring can be set on 260 cm or 305 cm
- rear of side floor anchoring systems
- FIBA Level 1 certificate

BB100.01.01





SCHELDE SUPER SAM 325

- Highest class unit with projection of 325 cm
- equipped with SAM (Spring Assisted Mechanism) - unique solution which avails to set up the unit by one person, without a need of any tools or electricity.
- no hydraulic parts, what eliminates oil leakages
- construction is based on patented DSF mechanism (Dynamic Sub Frame), which spreads the forces evenly on the sports floor and automatically sets the ring height on 305 cm
- protecting pads with thickness of 12 cm in blue color (other upon request)
- the backboard is made of tempered glass (20 mm thick) on a support frame, with a bottom edge protecting pad made of polyurethane
- Pro-Action 180° ring (brakes in 3 directions) in set with a white, anti-whip nylon net
- set of 6 swivel castors in front and 6 fixed castors on the back of the unit
- height of the ring can be set on 260 cm or 305 cm
- rear of side floor anchoring systems
- FIBA Level 1 certificate

BB100.03.01



SCHELDE SAM 225 CLUB

- Highest class unit with projection of 225 cm
- equipped with SAM (Spring Assisted Mechanism) - unique solution which avails to set up the unit by one person, without a need of any tools or electricity.
- no hydraulic parts, what eliminates oil leakages
- construction is based on the APF (Automatic Pedestal Feet) which automatically sets the ring height on 305 cm
- protecting pads with thickness of 20 cm in blue color (other upon request)
- the backboard is made of tempered glass (12 mm thick) on a support frame, with a bottom edge protecting pad made of polyurethane
- Dunk ring in set with a white, anti-whip nylon net
- set of 4 swivel castors in front and 4 fixed castors on the back of the unit
- height of the ring can be set on 260 cm or 305 cm
- rear of side floor anchoring systems

BB100.02.01



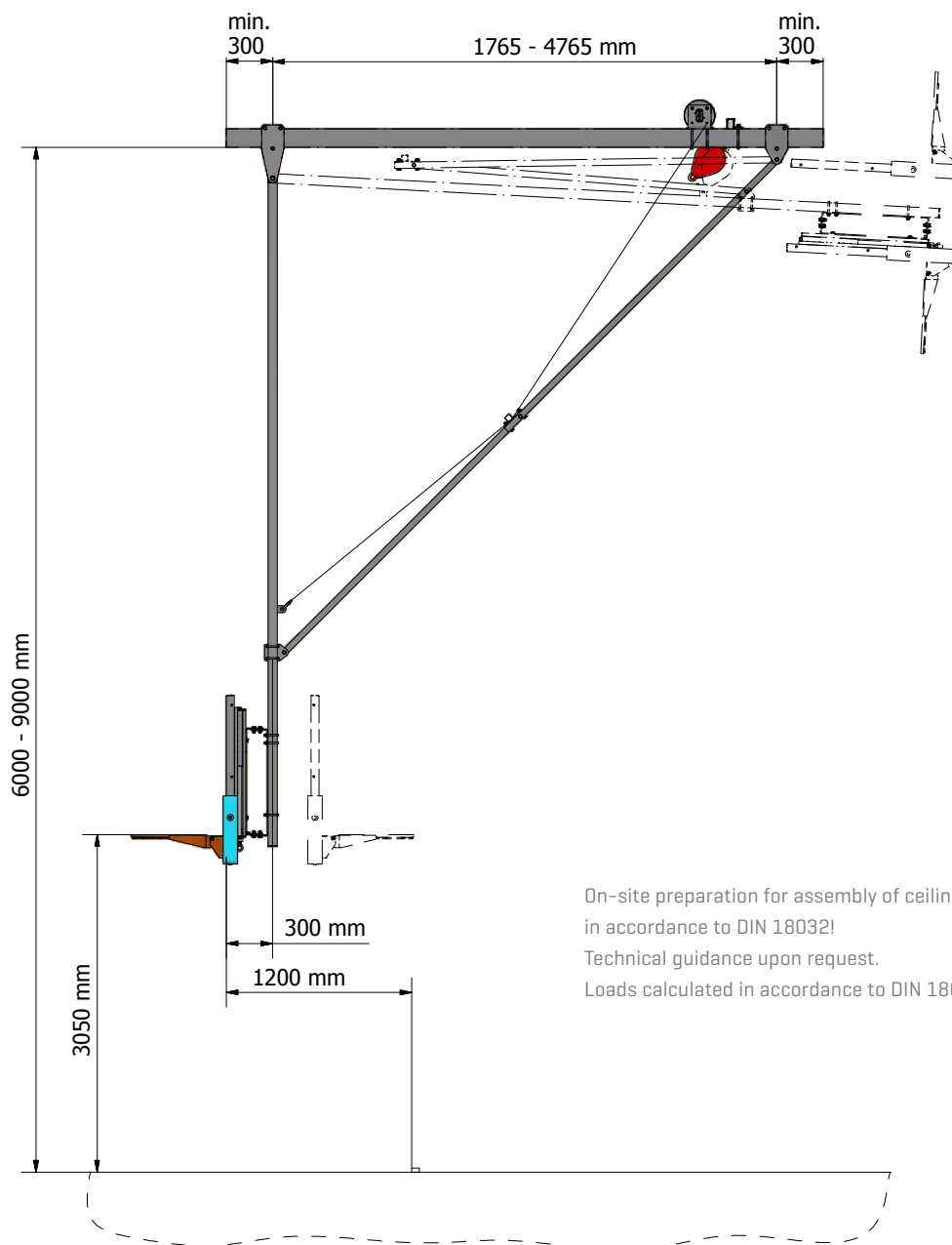
CEILING SUSPENDED UNITS

- Simple and long lasting steel structure
- Adaptable for most of sports halls with height from 6 to 9 m
- Made in compliance with FIBA and EN 1270 norms
- Easy and quick to deploy
- Maintenance free
- 60 months warranty for metal structure

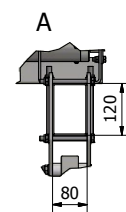
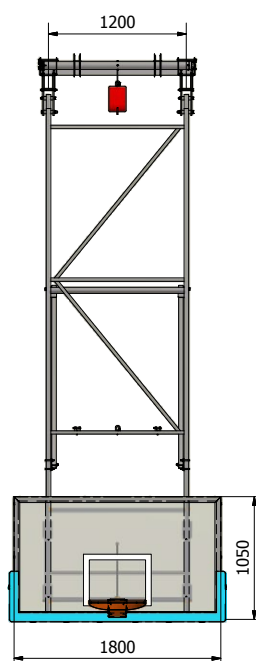
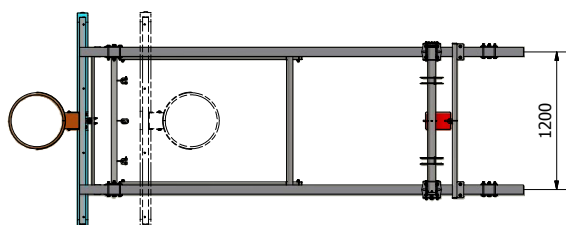
Ceiling suspended construction. Made of steel profiles, protected against corrosion by powder-coating. Electrically operated with use of an engine [single-phase, 230V; 120 Nm]. Controlled by a provided key switch. Additional break [load arrestor] provides maximum safety in case of an engine failure. Thanks to applied retracting belts construction works quiet and smooth. Option: manual height regulation mechanism [260-305 cm]. Installation: concrete, wooden or steel ceiling structures. Designed for: 180x150 cm / 120x90 cm; acrylic / tempered glass / laminate backboards.

BB101.01





On-site preparation for assembly of ceiling units to be prepared in accordance to DIN 18032!
 Technical guidance upon request.
 Loads calculated in accordance to DIN 18032-6 and EN 1270!





WALL MOUNTED, UP-FOLDED BASKETBALL UNITS

- Easy to install - the only requirement is a sufficient, flat, concrete surface
- Standard projections: 1,25; 2,25; 3,25 and 4,25 m. Customized lengths upon request
- Easy and quick to deploy
- Maintenance free
- 60 months warranty for metal structure
- Powered with standard single-phase motor (230V; 50-60 Hz)

Wall mounted basketball construction. Folded up [on the wall] with use of a motor. Made of steel profiles protected against corrosion by powder-coating. Single-phase engine powered with standard 230V, 50-60 Hz power supply, hidden in a special designed galvanized console, installed on a pair of wall brackets. Provided with heavy duty chains. Thanks to applied retracting belts construction works quiet and smooth. Additional break [load arrestor] provides maximum safety in case of an engine failure.

Option: manual height regulation mechanism [260-305 cm].

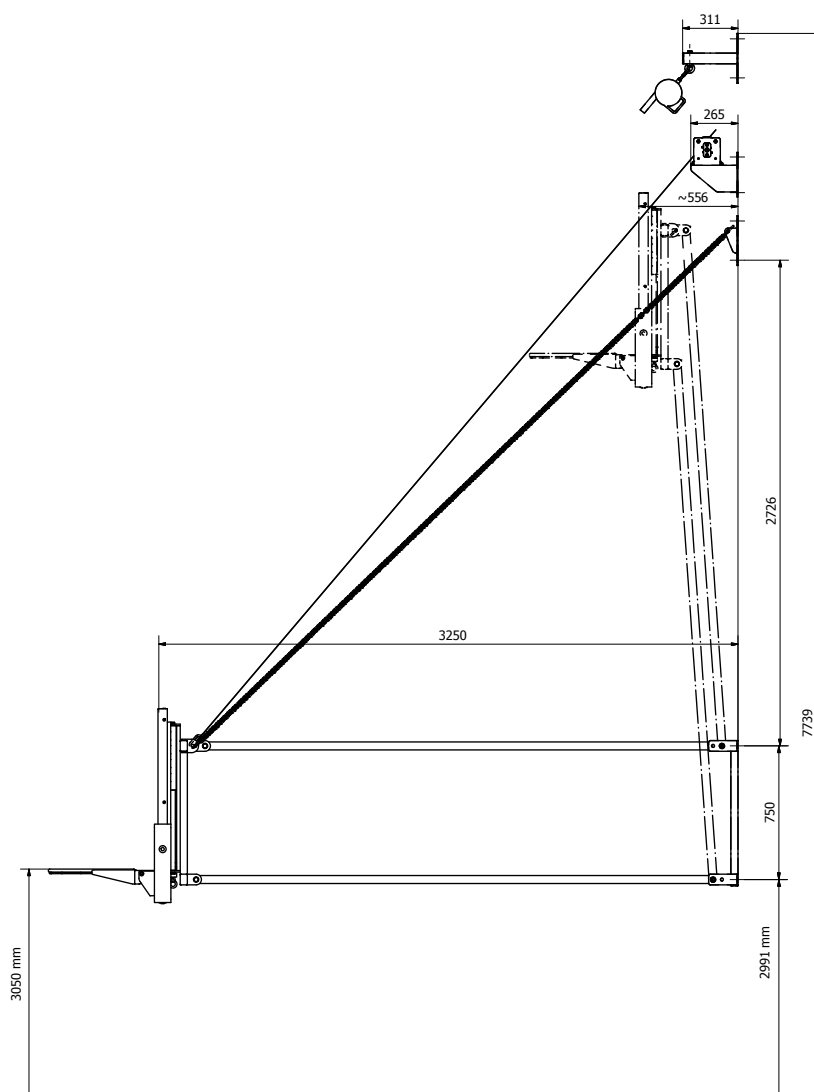
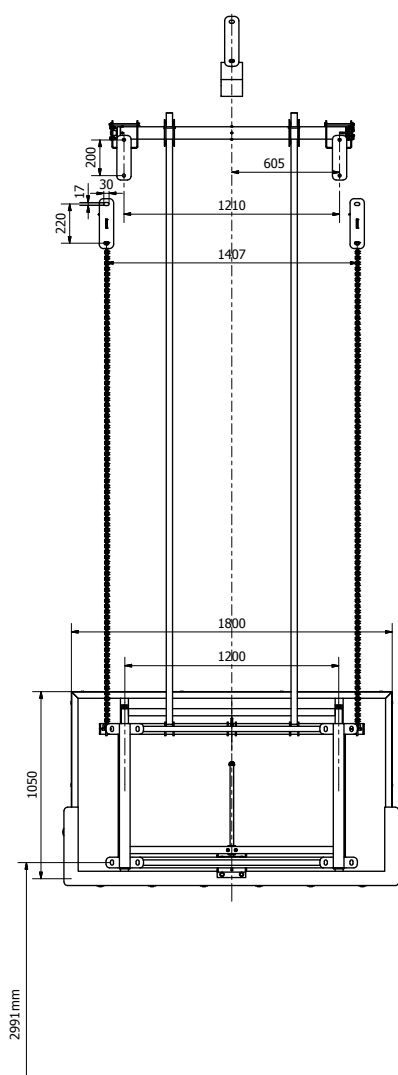
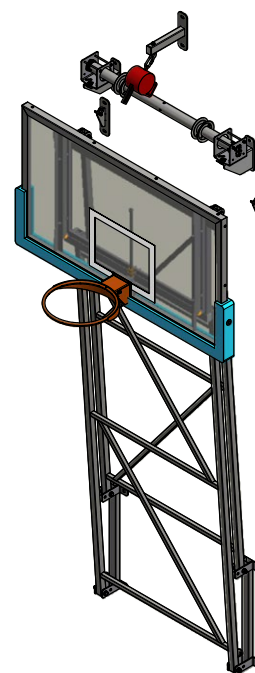
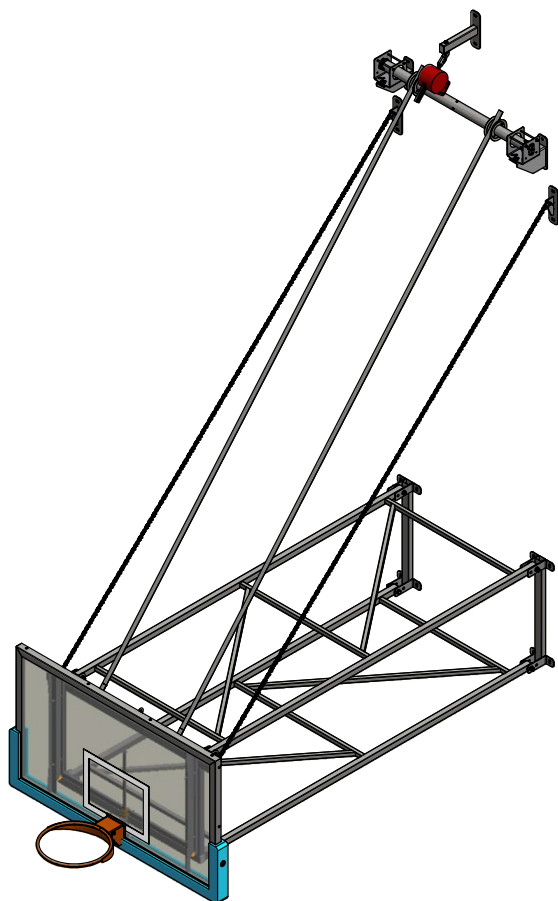
Installation: only on solid concrete walls. It is required to use adhesive anchors and threaded rods for the installation of engines', chains' and safety brake's brackets.

Designed for: 180x150 cm / 120x90 cm; acrylic / tempered glass / laminate backboards.

BB101.02



EUROPEAN NORM
EN
COMPLIANCE





WALL MOUNTED UNITS

- Super durable constructions
- Projections from 0,8 up to 2,45 m
- Made in compliance with EN 1270 norm
- Easy and quick to operate
- Maintenance free

Wall mounted basketball construction.

FOLDABLE **BB101.03**

FIXED **BB101.04**

Made of steel profiles, protected against corrosion by powder-coating. Manually operated with use of a provided hook.

Option: height regulation mechanism (260-305 cm).

Installation: concrete walls or pillars.

Designed for: 180x105 cm / 120x90 cm; acrylic / tempered glass / MDF / laminate backboards.



FIXED CONSTRUCTIONS WITH INTEGRATED HEIGHT REGULATION (TRAINING UNIT)

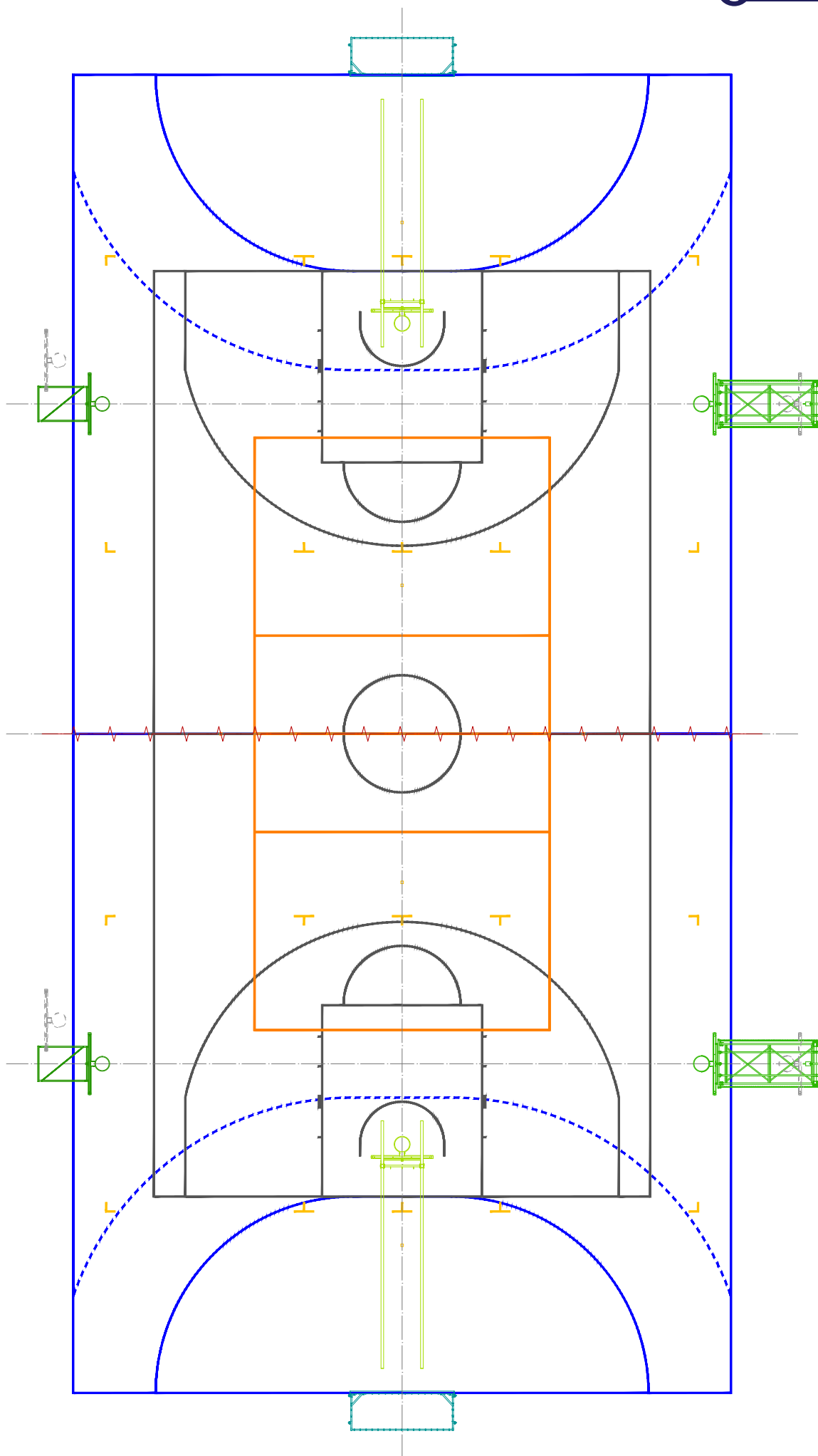
- Very easy to install and operate
- Projection 0,5 m
- Made in compliance with EN 1270 norm
- Integrated height mechanism
- Maintenance free

Wall mounted fixed construction . Made of steel profiles protected against corrosion by powder-coating. Manually operated with use of a provided hook. Integrated manual height regulation mechanism (260-305 cm).

Installation: concrete walls or pillars.

Designed for 120x90 cm backboards only

BB101.05



ACCESSORIES



DUNK RING PRO

Professional dunk ring. Made of steel, in accordance to EN 1270. Color RAL 2002 (blood orange).

- Double layer of coat prevents corrosion (outdoor use available)
- safe (no hooks) net attachment type (in 12 points, provided with stainless steel rod)
- tensioning springs adjustable
- mounting holes in accordance to EN 1270
- ring made of full, 18 mm rod

BB102.01.01



DUNK RING STD

Training dunk ring. Made of steel, in accordance to EN 1270. Color RAL 2008 (orange).

- Double layer of coat prevents corrosion (outdoor use available)
- safe (no hooks) net attachment type (in 12 points, provided with stainless steel rod)
- mounting holes in accordance to EN 1270
- ring made of 18 mm pipe

BB102.01.02



FIXED RING STD

Standard basketball ring. Made of steel. 12 hooks for attaching the net. Suitable for indoor use.

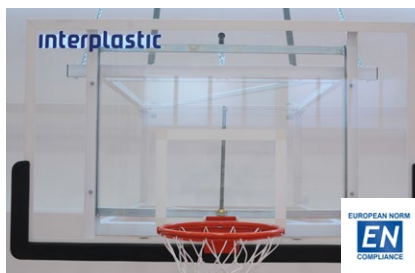
BB102.01.03



TEMPERED GLASS BACKBOARD 180X105 CM

180x105 CM TEMPERED GLASS BACKBOARD on a support steel, powder coated frame. Meets FIBA standards. Thickness of the glass 12 mm. Due to its unique construction, the ring is installed directly to the support structure extending product life (heavy dunks resistant). Target zone lines in accordance to EN 1270.

BB102.02.01



ACRYLIC BACKBOARD

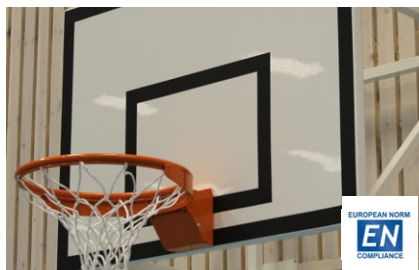
180X105 CM ACRYLIC BACKBOARD on a support steel, powder coated frame. Thickness of the glass 12 mm. Due to its unique construction, the ring is installed directly to the support structure extending product life (heavy dunks resistant). Target zone lines in accordance to EN 1270.

BB102.02.02



120x90 CM ACRYLIC BACKBOARD on a steel, powder coated frame. Thickness of the glass 10 mm. Due to its unique construction, the ring is installed directly to the support structure extending product life (heavy dunks resistant). Target zone lines in accordance to EN 1270.

BB102.02.03



EPOXY LAMINATED BACKBOARD

180X105 CM EPOXY LAMINATED BACKBOARD on a support steel, powder coated frame. Mounting holes and target zone lines in accordance to EN 1270.

BB102.02.14

120x90 CM EPOXY LAMINATED BACKBOARD on a support steel, powder coated frame. Mounting holes and target zone lines in accordance to EN 1270.

BB102.02.17



PU BOTTOM EDGE SAFETY PAD

Heavy duty polyurethane foam padding for tempered glass and acrylic backboards. Installed with use of bolts and screws (both provided). Outdoor and indoor use possible. Available in blue, red and black colour.

180x105 cm **BB102.03.18**

120x90 cm **BB102.03.12**



EVA BOTTOM EDGE SAFETY PAD

EVA foam padding for acrylic backboards. Installed with use of bolts and screws (both provided). Outdoor and indoor use possible.

Available in blue, red, green and black colour.

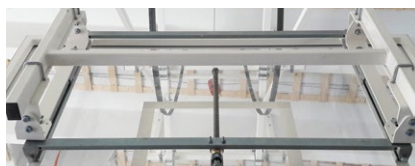
180x105 cm **BB102.03.28**

120x90 cm **BB102.03.22**



POLYPROPYLENE NET

Polypropylene net, 5 mm thick, 12 points of attachment, white. **BB102.04.01**



HEIGHT REGULATION MECHANISM

Manual height regulation mechanism. Gives the possibility to set up the ring height on 260 or 305 cm from the floor.

BB102.05.12



LOAD ARRESTOR (recommended for ceiling and wall suspended units)

Safety device, that prevents from accidents in case of an engine, belt, steel wire or any other consumable elements failure.

Constructions up to 140 kg: **BB102.06.14**

Constructions up to 300 kg: **BB102.06.30**



SINGLE POST OUTDOOR BASKETBALL 2,25 m

- Super durable - 5 years warranty for steel, hot galvanized components
- Tested by several international institution in reference to EN 1270
- Available with professional, UV resistant, 180x105 cm acrylic backboard
- Thanks to unique construction of backboard's frame, the acrylic glass has no holes, and the used gaskets prevents it from damages, even during heavy dunks
- In standard offered with superb durable basketball dunk ring, made in accordance to EN 1270
- Safety pad for bottom edge of backboard included (installed on screws, made of EVA foam)



Outdoor basketball unit with projection of 2,25 m. Type 6, class B in accordance to EN 1270. Heavy-duty steel profile 150x150x4 mm, protected against corrosion by hot galvanization. Backboard installed to the frame with use of steel, powder coated [twice: base + final layer] L-shaped profiles in white. Backboard has no direct contact to the metal parts in order to prevent its damages [i.e. during dunking]. Provided with:

- 500 mm deep steel, hot galvanized socket
- acrylic backboard 180x105 cm on a steel frame
- professional dunk ring
- bottom edge safety pad

Optional features:

- Upright injury protecting pad - made of polyethylene foam, covered with UV and water resistant PVC. Height 200 cm, thickness 5 cm. Installed with use of Velcro.
- Height regulation mechanism 260-305 cm, provided with crank

Made of steel profiles, protected against corrosion by powder-coating. Manually operated with use of a provided hook.

Option: height regulation mechanism [260-305 cm].

Installation: concrete walls or pillars.

Designed for: 180x150 cm / 120x90 cm; acrylic / tempered glass / MDF / laminate backboards.

BB101.06.22



SINGLE POST OUTDOOR BASKETBALL 1,2 M, 1,4 M OR 1,65 M

- Super durable - 5 years warranty for steel, hot galvanized components
- Made and tested in accordance to EN 1270
- Available with epoxy resin laminated or steel, hot galvanized backboards (180x105 cm or 120x90 cm)
- Height regulation available
- Certificate of conformity with EN norm



Single post outdoor basketball backboard support structure with projection of:

- 1,65 m - type 6 class C in accordance to EN 1270
- 1,4 m - type 6 class D in accordance to EN 1270
- 1,2 m - type 6 class D in accordance to EN 1270

Upright and projection made of steel profile 120x120x3 mm, protected against corrosion by hot galvanization. Upright removable (installed in a ground sleeve).

Nets, sockets, backboards, rings and height regulation mechanisms sold separately.

Projection:

165 cm

140 cm

120 cm

Code:

BB101.16.16

BB101.16.14

BB101.16.12



OUTDOOR BASKETBALL

1,65 M OR 2,25 M

- Super durable - 5 years warranty for steel, hot galvanized components
- Made and tested in accordance to EN 1270
- Available with epoxy resin laminated or steel, hot galvanized backboards (180x105 cm or 120x90 cm)
- Height regulation available
- Certificate of conformity with EN norm



Double post outdoor basketball backboard support structure with projection of:

- 1,65 m - type 6 class C in accordance to EN 1270
- 2,25 m - type 6 class B in accordance to EN 1270

Upright and projection made of steel profile 100x100x3 mm, protected against corrosion by hot galvanization. Uprights removable (installed in ground sleeves).

Nets, sockets, backboards, rings and height regulation mechanisms sold separately.

Projection:

165 cm

225 cm

Code:

BB101.26.16

BB101.26.22

SOCKETS



Ground socket for 150x150 mm profile

Ground socket for 150x150 mm profile made of steel, protected against corrosion by zinc galvanization. Depth 500 mm.

BB103.01.01



Ground socket for 120x120 mm profile

Ground socket for 120x120 mm profile made of steel, protected against corrosion by zinc galvanization. Depth 500 mm.

BB103.01.02



Ground socket for 100x100 mm profile

Ground socket for 100x100 mm profile made of steel, protected against corrosion by zinc galvanization. Depth 500 mm. 2 needed for one double post support structure.

BB103.01.03



Epoxy resin laminated backboard

180x105 cm epoxy resin laminated backboard on a support steel, hot galvanized frame. Mounting holes and target zone lines in accordance to EN 1270. Designed for outdoor constructions. Color white, lines: black.

Code	Designed for
BB102.02.24	BB101.16
BB102.02.34	BB101.26

120x90 cm epoxy resin laminated backboard on a support steel, hot galvanized frame. Mounting holes and target zone lines in accordance to EN 1270. Designed for outdoor constructions. Color white, lines: black.

Code	Designed for
BB102.02.25	BB101.16



Steel, vandal-proof backboard

Vandal-proof 180x105 cm steel, hot galvanized basketball backboard. Dimensions and ring's installation holes in accordance to EN 1270. Designed for BB101.16 constructions only.

BB102.02.44



Laminated backboard with an integrated height regulation mechanism

180x105 cm epoxy resin laminated backboard with an integrated, hot galvanized height regulation mechanism [260-305 cm]. Mounting holes and target zone lines in accordance to EN 1270. Designed for BB101.16 constructions only. Color white, lines: black.

BB102.02.54



Outdoor fixed ring

Vandal-proof, outdoor use basketball ring. Made of steel, in accordance to EN 1270.

- protected against corrosion by hot galvanization
- mounting holes in accordance to EN 1270
- reinforcing 5 mm thick plates
- vandal-proof
- ring made of 18 mm pipe

BB102.01.04



Outdoor dunk ring

Training dunk ring. Made of steel, in accordance to EN 1270. Color RAL 2008 [orange].

- Designed for outdoor use: double layer of powder coat prevents corrosion
- safe [no hooks] net attachment type [in 12 points, provided with stainless steel rod]
- mounting holes in accordance to EN 1270
- ring made of 18 mm pipe

BB102.01.02



Chain net

Basketball net made of steel chain, in accordance to EN 1270.

- Galvanized steel chain
- No sharp edges for safety
- Can be used outdoors
- Fits all standard basketball rims with 12 eyelets
- Easy to install

BB102.04.02



FIVB OFFICIAL SET FOR VOLLEYBALL - SENOH

- Designed for highest level competitions, including such events like Olympic Games, World League or World Championships.
- Solid, proven items, tested during several events since Olympic Games in 1964
- FIVB OFFICIAL certificate

Senoh

FIVB
FÉDÉRATION INTERNATIONALE
DE VOLLEYBALL



VB201.01 Volleyball uprights

[special designed steel profile 76,3x5,15 mm, powder coated in red]. Designed for indoor use, telescopic height adjustment. Weight: 60 kg/pair. Senoh ref. DE1015

VB202.01.01 Safety pads

Designed for indoor use, made of urethane foam. Weight: 16 kg/pair. Standard color: blue. Senoh ref. [DE2000](#)



VB202.02 Net

Designed for indoor use, made of polyethylene, with technora cable. Dimensions: 9500x1000 mm. Mesh: square, 100x100 mm. Senoh ref. DE8003

VB202.04 Antennae

Made of fiberglass. Weight: 1,2 kg. Senoh ref. [DE9411](#)



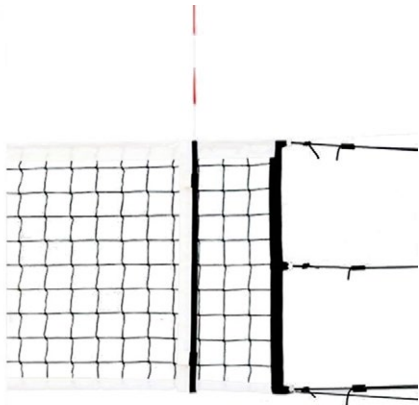
VB203.01 - ground sockets

Made of steel with special designed aluminum alloy, integrated lid. Designed for suspended sports floors [on a wooden sub-structure]. Senoh ref. [KD0140](#)

VB203.02 - ground sockets

Made of steel with special designed aluminum alloy, integrated lid. Designed for non-suspended sports floors [synthetic glued directly to concrete]. Senoh ref. [KD0141](#)

NETS



PROFESSIONAL VOLLEYBALL NET

Professional volleyball net. Upper cable made of Kevlar, 11.7 m length, upper tape 7 cm wide, lower tape 5 cm. 6 point assembly to uprights. Made of polypropylene, colour black, 3 mm thickness, mesh size 10x10 cm

VB204.01.01

TRAINING VOLLEYBALL NET

Training volleyball net. Upper cable made of steel, upper tape 5 cm wide, 4 point assembly to uprights. Made of polypropylene, colour black, 3 mm thickness, mesh size 10x10 cm. Antennae's with pockets included.

VB204.02.01

Net antennae set with pockets, made of fiberglass. Dimensions and colour due to FIVB game rules.

VB204.03



PROFESSIONAL VOLLEYBALL UPRIGHTS 80x80 MM

- Made in compliance with EN 1271 norm - Type 1, class B
- Designed for indoor and outdoor use

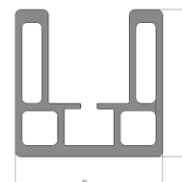
Professional volleyball uprights [type 1 class B according to EN 1271]. Made of special designed [internally reinforced] aluminum profile 80x80 mm. Tensioning apparatus is hidden inside the profile. Uprights are protected against corrosion by color or by anodizing. Length of a single upright: ~ 3 m. The set contains:

- Upright with tensioning apparatus
- Upright with net attachments
- Crank handle

Height of the net is regulated smoothly, and tensioning apparatus/passive net attachments are blocked eccentricity.

This feature allows to use uprights for both volleyball and tennis.

VB201.02



TRAINING VOLLEYBALL UPRIGHTS 100 MM

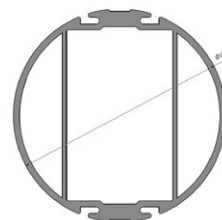
- Made in compliance with EN 1271 norm - Type 1, class C
- Designed for indoor and outdoor use

Training volleyball uprights [type 1 class C according to EN 1271]. Made of special designed [internally reinforced] aluminum profile with diameter of 100 mm. The shape of the profile allows to use as a middle upright. Uprights are protected against corrosion by anodizing [natural aluminum color]. Length of a single upright: ~ 3 m. The set contains:

- Upright with tensioning apparatus
- Upright with net attachments
- Crank handle

Height of the net is regulated smoothly, and tensioning apparatus/passive net attachments are locked with use of a single knob. This feature allows to use uprights also for badminton.

VB201.03



Volleyball - Accessories

GROUND SOCKETS



Stainless steel socket for 80x80 mm profile. Internal dimension: 82x82 mm, depth 335 mm. Designed for indoor use and for suspended sport floors (on a wooden sub-construction).
VB203.03



Steel socket for 100 mm profile. Internal dimension: 102 mm, depth 300 mm. Designed for indoor (for suspended sport floors - on a wooden sub-construction) and outdoor use.
VB203.04



Stainless steel socket for 100 mm profile. Internal dimension: 102 mm, depth 300 mm. Designed for indoor use for non-suspended sport floors (floors directly on concrete). Provided together with integrated floor frame and Plexiglas lid.
VB203.05



Aluminum socket for 80x80 mm profile. Inner dimension: 82x82 mm, depth 350 mm. Designed for outdoor use only.
FB102.01.02



Lid for 80x80 mm profile socket. Made of stainless steel, for outdoor use.
FB102.02.02



Lid for 100 mm profile socket made of aluminum. Designed for VB203.04 socket (for outdoor use only).
VB203.04.

REFEREE STANDS



VB202.03.01 - referee stand

Made of steel, painted in red. Stand has a height regulation mechanism and pads protecting whole construction. Equipped with wheels for easy transport. Weight: 125 kg. Senoh ref. **DL0520**

FOLDABLE REFEREE'S STAND

Description:

- Made of steel, protected against corrosion by powder-coating
- Anti-slip platform made of rifled aluminum
- Backrest made of water resistant plywood
- Available in indoor and outdoor version
- 3 heights of the platform
- Equipped with wheels
- Installation possible to any volleyball upright (with use of Velcro tapes)

Usage	Color (RAL)
Indoor	Red [3020]
Outdoor	Yellow [1021]

Code
VB202.03.02
VB202.03.03





SUBSTITUTION PADDLES IN BOX

Substitution paddles made of PVC [pad] and PMMA [handle]. Set for two competing teams, safe storage in boxes. Paddles separated in box for easy and quick handling. Colors:

Boxes - white

Paddles - white with black numbers

Numbers

1-20

1-22

1-24

Code

[VB202.05.20](#)

[VB202.05.22](#)

[VB202.05.24](#)

PROTECTION PADS FOR UPRIGHTS



PROFESSIONAL VOLLEYBALL UPRIGHTS PROTECTING PADS

Filled in with polyethylene foam [water resistant] app. 3 cm thick, density app. 100 kg/m³. Covered with UV and water resistant PVC. Solid plywood construction, mounted by Velcro tapes to uprights.

[VB202.01.02](#)



STANDARD VOLLEYBALL UPRIGHTS PROTECTING PADS

Filled in with polyethylene foam [water resistant] app. 3 cm thick, density app. 100 kg/m³. Covered with UV and water resistant PVC.

[VB202.01.03](#)

FLOOR FRAME WITH PLEXIGLASS LID

Clear [VB202.06](#)

Oak [VB202.06.01](#)

Beech [VB202.06.02](#)

Maple [VB202.06.03](#)



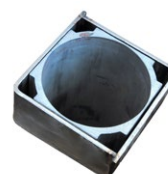
Aluminum adaptor

Allows to install all 76 mm volleyball uprights [incl. SENOH] into a standard 80x80 mm profile socket.

[VB203.80.76](#)



Standard socket for 80x80 mm profile



Socket with installed adaptor.

Volleyball - TRAINING ACCESSORIES



Spike and serve trainer

The device allows quick attachment of the ball and lifting it to the height of the attack ball (~320 cm) for spiking or serving according to player height. Soft rubber grips protect the ball and protect the attacker's hand in the event of an imprecise hit. Made of aluminium tubes Ø 22 mm, powder coated silver [RAL 9006]

VB205.01



Horizontal and inclined platform

Horizontal and inclined platform are two complementary elements that constitute one instrument for exercises aimed to protect the talocrural joint and knee. The racks of both platforms are made of powder coated metal tubes. The top part is finished with a non-slip plywood.

VB205.02



Court partitioning net

This additional net prevents balls from going under the main play net. It is fastened with Velcro to the bottom of the play net. Mesh: 10x10cm, thickness 3mm, material: polypropylene. Net size: 10,5 x 2,5 m[LxH]

VB205.03



Straight block trainer

Block trainer hung on a net, straight. The device is designed to train attack and defense. Made of aluminium tubes Ø 22 mm, powder coated silver [RAL 9006]. Upper and lower frames are equipped with Velcro for mounting to the net.

VB205.04



Inclined Block trainer

Device designed for training attack, assurance and defense. Frame made of aluminum tubes Ø 22 mm, powder coated in silver [RAL 9006]. The upper part (made of 6 mm thick plywood) is inclined at an angle of 25°. The device is equipped with Velcro straps for easy installation on a main play net. The bottom part can be folded telescopically for easy transport and storage.

VB205.05



A set for practicing proper passing and targeting a ball to the rim.

Set includes:

- 6 rackets made of plywood
- 2 steel rims with PP net
- 3 tennis balls
- transport basket

VB205.06



Freestanding block trainer

Block trainer is a device designed to train attack, providing block area with dimensions of 100x50 cm. The top part is made of polyurethane foam on a strengthening plywood, upholstered with artificial leather. Height and tilt angle of the device can be adjusted by using knobs. The construction is installed on a support steel base, protected against corrosion by powder coating in RAL 9006. The base weights around 50 kg and it is equipped with transport wheels.

VB205.07



Target challenger

The target challenger is a device designed for training accuracy of passing. It is a steel rim with a diameter of 45 cm with adjustable height (from 165 to 305 cm) and angle of inclination installed on a support structure made of steel (powder coated in RAL 9006). The base contains counterweights and transport wheels. White, 120 cm long net included.

VB205.08



Multi-training kit

Multifunctional volleyball training kit. Allows to train blocking, attacking and targeting. Includes: 45 cm diameter steel rim with white net and blocking pad made of foam (67x50 cm; 40 mm thick).

Height of both rim and pad can be adjusted from 190 to 320 cm, as well as the angle of inclination. Steel base with approximately 28 kg of counterweights is equipped with transport wheels.

VB205.09

HANDBALL



IHF APPROVED HANDBALL GOALPOSTS

- Designed for highest level competitions, including such events like Olympic Games or World Championships.
- Made in compliance with EN 749 and IHF requirements
- Available in BOX version - packed into single carton - transport and storage has never been so easy



Handball goalpost 3,00x2,00 m, with certificate of approval issued by the International Handball Federation. Complies with EN 749. Type 2 [anchored to pre-installed ground plates with use of rubber screws]. Internally reinforced aluminum frame [80x80 mm], powder coated in white [RAL 9003] and black/blue/red stripes [RAL 9005/5010/3020]. Frame consist two uprights, a crossbar with welded corners and two special designed aluminum connectors. The net support is made of steel tubes [ø35x2 mm] powder coated in white [RAL 9003]. Total depth of the goalpost: 100/130 cm [top/bottom]. The construction of the net support allows to fold it without using any hand tools. Steel winches, struts and screws are protected against corrosion by zinc galvanization.

Assembly tools, ground plates, rubber screws, net hasps and hitches included in set.

NOW AVAILABLE ALSO AS „GOAL IN A BOX” VERSION!

BOX version main features:

- Main frame, net support and net packed into single carton
- manufactured and supplied by Interplastic to the 2016 Summer Olympics
- card box dimensions: 318x23x14 cm, weight 55 kg
- unique, patented net support construction
- up to 16 pcs on a single pallet



3x2 m IHF approved HB goal STD TYPE 2
ACCORDING TO EN 749 **HB301.01**
3x2 m IHF approved HB goal BOX TYPE 2
ACCORDING TO EN 749 **HB301.02**





Main frame, net support, assembly elements and the net can be packed into a single carton.
 The total dimensions of a single packed goalposts are:
 Length: 320 cm | Height: 14 cm | Depth: 23 cm
 Weight: 55 kg
 Box version is the perfect solution for AIR CARGO.

Thanks to the unique, assembled solution of the net support it is possible to load up to 16 complete goals on a single pallet.

BOX version of the IHF approved handball goalposts were recently used during:



2016 Olympic Games in Rio de Janeiro



IHF Men's Youth World Championship,
 Georgia, 2017



IHF Men's Junior World Championship,
 Algeria, 2017



STANDARD HANDBALL GOALPOSTS AVAILABLE IN CLASSIC AND “BOX” VERSIONS

- Made in compliance with EN 749 norm
- Type 1 - uprights installed in sleeves - designed for outdoor use
- Type 2 - anchored to the surface with ground plates - designed for indoor use
- Depths are customizable
- Available in standard (3x2 m) dimensions

3x2 m [2,4x1,6 m for mini handball] handball goals designed for professional handball arenas as well as for schools and training purposes.

All goals are made in accordance to EN 749 norm.

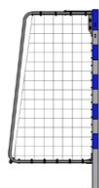
Painted stripes in several color versions [no stickers] extends products life.

No steel hooks used [for maximum safety]. The net is attached to the frame with plastic hasps and hitches.

Easy to fold and store [no tools are needed to unscrew the goal from the surface and to fold its net support].

Aluminum goal type 1:

- Goal frame: internally reinforced 80x80 mm aluminum profile, powder coated twice [base layer + stripes]
- Net support: steel, hot galvanized tubes
- Mounting system: socket
- Frame dimensions: 3x2 m
- Standard total net support depth [top/bottom]: 90/110 cm
- Corners reinforcement and struts: solid, laser cut and zinc galvanized steel
- Frame consist 2 uprights and 1 crossbar [with welded corner], joined together by special aluminum connector
- Net installed with use of plastic hasps and hitches



Aluminum goal type 2:

- Goal frame: internally reinforced 80x80 mm aluminum profile, powder coated twice [base layer + stripes]
- Net support: steel, powder-coated [white RAL 9003] tubes
- Mounting system: with use of safety [rubber] screws to pre-installed ground plates
- Frame dimensions: 3x2 m
- Standard total net support depth [top/bottom]: 90/110 cm
- Corners reinforcement and struts: solid, laser cut and zinc galvanized steel
- Frame consist 2 uprights and 1 crossbar [with welded corner], joined together by special aluminum connector
- Net installed with use of plastic hasps and hitches



3x2 m HB goal STD
3x2 m HB goal BOX

HB302.01
HB302.02

3x2 m HB goal STD
3x2 m HB goal BOX

HB303.01
HB303.02



MECHANICALLY FOLDED HB GOALPOST

User friendly - operated with a single button/key
 Timesaving solution - no need for manual dismantling the goal and putting it to the warehouse
 Special usability - goal do not obstruct the arena when not in use
 Storage - no warehouse space needed
 Design - adapted individually for indoor sport facilities
 Safety - self-retracting brake included

- Goal frame: internally reinforced 80x80 mm aluminum profile, double powder coated (base layer + stripes)
- Goal construction: wall mounted, steel, powder coated in a color adequate to conditions at the hall
- Drive: Somfy engine (230V, 50-60 Hz) in a console
- Maintenance: remote/key switch/steering box
- Net: special net with ballast cord and ball catcher, made of knotless polypropylene min. 4 mm thick, mesh 10x10 cm

Goalpost [1 unit with support structure]
 Load arrestor [up to 140 kg]
 Net for mechanically winched handball goal with a special ballast cord.

HB305.01
BB102.10.14
HB305.02

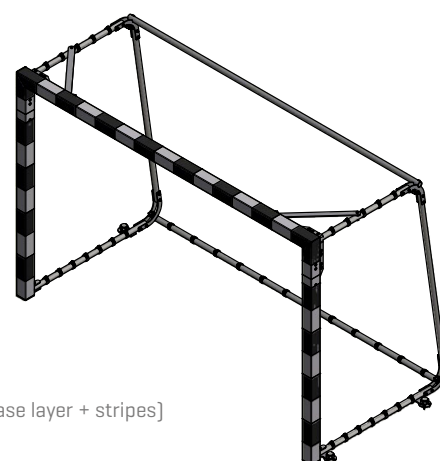
MINI HANDBALL GOALS

2,4x1,6 m handball goals designed for youth training.
 Painted stripes in several color versions (no stickers) extends products life.
 No steel hooks used (for maximum safety). The net is attached to the frame with plastic hasps and hitches.
 Easy to remove and storage (no tools are needed to unscrew the goal from the surface and to fold its net support).

Technical details:

- Goal frame: internally reinforced 80x80 mm aluminum profile, double powder coated (base layer + stripes)
- Net support: steel, powder-coated [white RAL 9003] tubes
- Mounting system: with use of safety [rubber] screws to pre-installed ground plates
- Frame dimensions: 2,4x1,6 m
- Total net support depth [top/bottom]: 90/110 cm
- Corners reinforcement and struts: solid, laser cut and zinc galvanized steel
- Frame consist 2 uprights and 1 crossbar [with welded corner], joined together by special aluminum connector
- Net installed with use of plastic hasps and hitches

HB304.01



HANDBALL - ACCESSORIES FOR GOALPOSTS



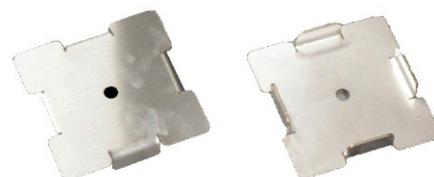
Ground socket for 80x80 mm profile (indoor use)

Stainless steel socket for 80x80 mm profile. Internal dimension: 82x82 mm, depth 335 mm. Designed for indoor use and for suspended sport floors [on a wooden sub-construction].
VB203.03



Ground socket for 80x80 mm profile (outdoor use)

Aluminum socket for 80x80 mm profile. Inner dimension: 82x82 mm, depth 350 mm. Designed for outdoor use only.
FB102.01.02



Lid for 80x80 mm profile socket

Made of stainless steel, for outdoor use.
FB102.02.02



TRANSPORT TROLLEYS FOR HB GOALPOSTS

Set of two trolleys for transporting one handball goalposts. Made of stainless steel. Equipped with castors with soft, non-marking rubber wheels. Indoor use only.
HB703.01



Floor frame with Plexiglas lid

Steel, zinc galvanized floor frame with a Plexiglas lid [with magnets to prevent the lid from falling out]. Total diameter: 215 mm. Lid: diameter 180 mm; 10 mm thick. To be used only when type 1 goalposts is installed indoors [2 pcs per 1 goal].

Available options

Clear **VB202.06**
Oak **VB202.06.01**
Beech **VB202.06.02**
Maple **VB202.06.03**



ADDITIONAL CROSSBAR FOR HB GOALPOST

Universal additional crossbar for all types of 3x2 m handball goalposts. Crossbar made of aluminum, grips of steel, both powder-coated [color is customized upon request]. Allows to reduce the goalpost's height to 2,4 m.
HB703.02



Net hasp

Net hasps made of UV- and weather-resistant polyamide. Available in 3 colors:
White **FB103.01.01**
Black **FB103.01.02**
Grey **FB103.01.03**



Net hitch

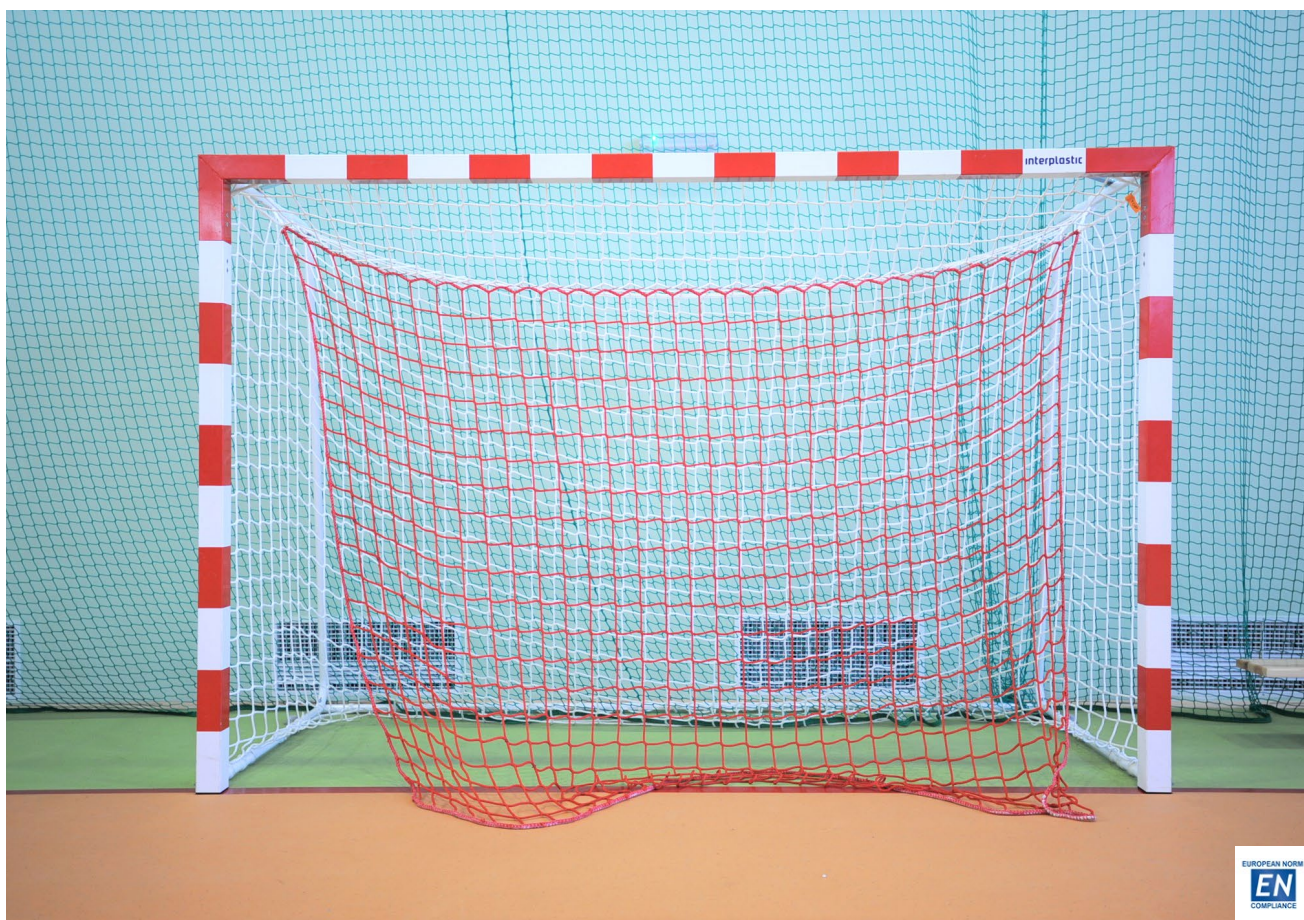
Net hitches made of UV- and weather-resistant polyamide. Suitable for 35 mm diameter pipes. Available in 3 colors:
White **FB103.02.01**
Black **FB103.02.02**
Grey **FB103.02.03**











Transport/storage trolley for 2 pairs of handball goalposts

Steel construction powder coated in black (RAL 9005), equipped with 2 fixed and 2 swivel castors.
HB307.21

HANDBALL - NETS

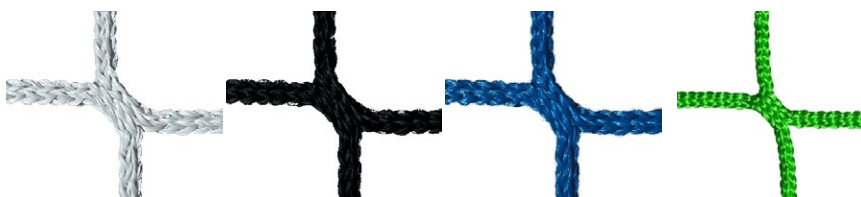










Nets for handball goalposts made of high quality, UV-resistant polypropylene. Knotless. Mesh: 10x10 cm. Dimensions: 3x2x0,8x1 m

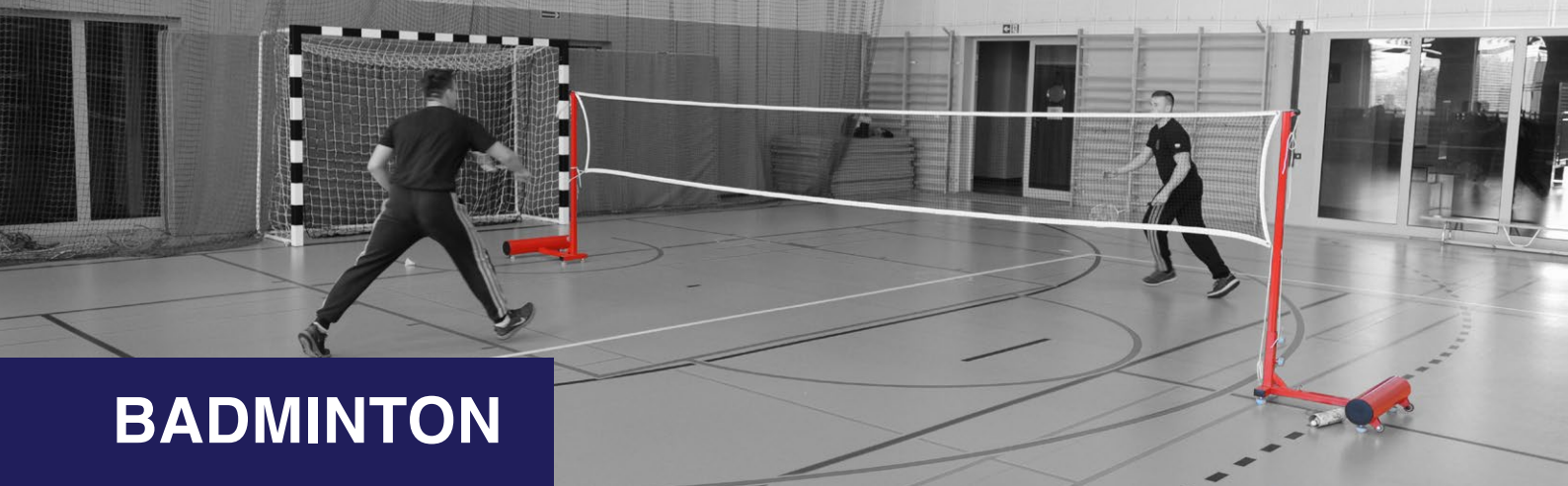
White, 4 mm		HB306.04.01
Black, 4 mm		HB306.04.02
Blue, 4 mm		HB306.04.03
Green, 4 mm		HB306.04.04
Red, 4 mm		N/A
White, 5 mm		HB306.05.01
Black, 5 mm		HB306.05.02
Blue, 5 mm		HB306.05.03
Green, 5 mm		HB306.05.04
Red, 5 mm		N/A

Catch-nets for handball goalposts

Catch-nets for handball goalposts made of high quality, UV-resistant, knotless polypropylene. Mesh: 10x10 cm. Ballast on the bottom edge [lead cord 200 g/m]. Dimensions: 3x2 m



White, 4 mm		HB306.14.01
Black, 4 mm		HB306.14.02
Blue, 4 mm		HB306.14.03
Green, 4 mm		HB306.14.04
Red, 4 mm		HB306.14.05
White, 5 mm		HB306.15.01
Black, 5 mm		HB306.15.02
Blue, 5 mm		HB306.15.03
Green, 5 mm		HB306.15.04
Red, 5 mm		HB306.15.05



BADMINTON



TRAINING BADMINTON STANDS

- Made in accordance to EN 1509 (Type 3 class C)
- Counterweight approximately 30 kg per single stand (60 kg total)
- Indoor and outdoor use
- Portable (on wheels)
- Made of steel, protected against corrosion by powder-coating
- Easy transport and storage thanks to its construction (3 separate parts, connected together with screws)

Usage	Color	RAL	Code
Indoor	Red	3020	BT402.01
Outdoor	Blue	5010	BT402.02



PROFESSIONAL BADMINTON STANDS

- Made in accordance to EN 1509 (Type 3 class A)
- Counterweight approximately 60 kg per single stand (120 kg total)
- Indoor use
- Equipped with tensioning apparatus
- Potable (on wheels)
- Made of steel, protected against corrosion by powder-coating

Color	RAL	Code
RED	3020	BT401.01
BLUE	5010	BT401.02

BADMINTON NETS



Dimensions:

- Length: 6,02 m
- Height: 0,76 m
- Made in accordance to EN 1509
- Certificate of conformity with EN norm

Type	Color	Material
Professional	Black	Polypropylene 1,2 mm mesh 18x18 mm
Training	Black	Polyethylene 1 mm, mesh 20x20 mm
Training	Green	Polyethylene 1 mm, mesh 20x20 mm

Code
BT403.01.01
BT403.01.02
BT403.01.03

TENNIS



ALUMINUM TENNIS POSTS 80X80 MM

- Made of internally reinforced square aluminum profile (80x80 mm),
- Made and tested in accordance to EN 1510
- Powder-coated in green (RAL 6005)
- Internally hidden tensioning apparatus and crank
- Suitable for both outdoor and indoor use

TN501.01

ALUMINUM TENNIS POSTS 100 MM

- Made of internally reinforced round aluminum profile (diameter 100 mm)
- Made and tested in accordance to EN 1510
- Color: natural aluminum (anodized)
- Net tensioning mechanism and crank handle are installed on the side away from the court, preventing injuries
- Suitable for both outdoor and indoor use

TN501.02



TENNIS NETS



Dimensions:

- Length: 12,72 m
- Height: 1,07 m
- Length of the steel wire rope: 13,2 m
- White, 5 cm polyester band on top
- Made in accordance to EN 1510
- Certificate of conformity with EN norm

Type	Color	Material
Professional	Black	Polyethylene 3 mm, mesh 45x45 mm, with double rows
Training	Black	Polyethylene 3 mm, mesh 45x45 mm
School	Black	Polypropylene

Code
TN502.01
TN502.02
TN502.03

TENNIS - ACCESSORIES



Ground socket for 100 mm profile (indoor use)

Steel socket for 100 mm profile. Internal dimension: 102 mm, depth 300 mm. Designed for indoor [for suspended sport floors - on a wooden sub-construction] and outdoor use.

VB203.04



Ground socket for 100 mm profile (indoor use)

Stainless steel socket for 100 mm profile. Internal dimension: 102 mm, depth 300 mm. Designed for indoor use for non-suspended sport floors [floors directly on concrete]. Provided together with integrated floor frame and Plexiglas lid.

VB203.05



Lid for 100 mm profile socket

Lid for 100 mm profile socket made of aluminum. Designed for VB203.04 socket [for outdoor use only].

VB203.04.01



Ground socket for 80x80 mm profile (outdoor use)

Aluminum socket for 80x80 mm profile. Inner dimension: 82x82 mm, depth 350 mm. Designed for outdoor use only.

FB102.01.02



Ground hook for net height reducing tape (outdoor use)

Outdoor use anchor for attaching the net's height reducing tape. In set: aluminum socket, carabineer and socket's lid.

TN503.03.02



Floor frame with Plexiglas lid

Steel, zinc galvanized floor frame with a Plexiglas lid [with magnets to prevent the lid from falling out]. Total diameter: 215 mm. Lid: diameter 180 mm; 10 mm thick.

Available options:

Clear	VB202.06
Oak	VB202.06.01
Beech	VB202.06.02
Maple	VB202.06.03



Tennis referee's chair

Referee's chair made of aluminum, assembled, with a polypropylene seating with high backrest [standard color: yellow, other upon request] and armrests. Steps made of rifled aluminum plate, armrests of 35 mm diameter aluminum pipe. Suitable also for swimming pools.

TN503.02



Single game net supports

Base made of 3 mm thick aluminum plate, posts of 22 mm diameter aluminum tube. Top part ["fork"] made of 8 mm aluminum rod. Height: 1,07 m.

TN503.01



Lid for 80x80 mm profile socket

Made of stainless steel, for outdoor use.

FB102.02.02



Ground socket for 80x80 mm profile (indoor use)

Stainless steel socket for 80x80 mm profile. Inner dimension: 82x82 mm, depth 335 mm. Designed for indoor use [only for suspended sport floors - on a wooden sub-construction].

VB203.03



Ground hook for net height reducing tape (indoor use)

Indoor use anchor for attaching the net's height reducing tape. In set: zinc galvanized ground plate with 4 mounting holes and welded nut, eye bolt and reducing shackle.

TN503.03.01



Net's height regulation tape

Polyester tape with Velcro, color white, with a carabineer at the end. Allows to reduce the height in the middle of the net to 91,5 cm.

TN503.04



IFF APPROVED FLOORBALL GOALS



IFF approved floorball goal. Made of steel, protected against corrosion by powder-coating in red [RAL 3020]. Provided with net (polypropylene, mesh 45x45 mm, 3 mm thick, ball catcher with ballast cord).

RAL	Type	Code
3020	115x160 cm fixed	FB603.01.01



IFF APPROVED FLOORBALL RINK



- Dimensions: 40x20 m
- Epoxy laminated rink system
- Delivered with two storage trolleys made of powder-coated steel
- Available in white or black color
- IFF certificate of approval

Color	Code
WHITE	FB60101.01
BLACK	FB60102.01



TRAINING FLOORBALL EQUIPMENT

GOALS

Dimensions	Color	Code
45x60 cm Telescopic	White	FB603.01.06
45x60 cm Collapsible	Red	FB603.01.05
60x90 cm Collapsible	White	FB603.01.04
105x140 cm Collapsible	White	FB603.01.03
115x160 cm Collapsible	White	FB603.01.02

Rink

(including transport/storage trolley)

Dimensions	Color	Code
30x15 m	White	FB60101.02
30x15 m	Black	FB60102.02
20x10 m	White	FB60101.03
20x10 m	Black	FB60102.03

[i] Other dimensions upon request

GYMNASTICS

CEILING SUSPENDED RINGS CONSTRUCTION

- Designed for one, two, three or four pairs of rings
- Delivered with professional, wooden rings with certified belts (28 or 32 mm diameter)
- Made in compliance with EN 12655 norm
- Easy and quick to use
- Maintenance free
- 60 months warranty for metal structure

Construction for 1 pair of rings

Construction for 2 pairs of rings

Construction for 3 pairs of rings

Construction for 4 pairs of rings

Professional wooden rings, diameter 28 mm

Professional wooden rings, diameter 32 mm

GM701.01.01

GM701.01.02

GM701.01.03

GM701.01.04

GM701.02.28

GM701.02.32



Ceiling suspended construction for hanging gymnastic rings. Made of steel profiles, in accordance to EN 12655 norm. Protected against corrosion by powder-coating. Standard color of the structure: white. Provided with:

- Professional rings 28 or 32 mm thick, diameter in accordance to EN 12655, on certified belts
- Special locking device for ropes, on a mounting plate
- Certified climbing rope, 10,5 mm thick
- An appropriate amount of steel ballasts [each app. 1,5 kg] to make the rings go down easily

Installation: concrete, wooden or steel ceiling structures.



CEILING SUSPENDED ROPES' RAIL

- Designed for from 2 up to 6 ropes.
- Made in compliance with DIN 7911-2:1998-12
- Provided with ropes made of natural fibers (length 3-6,5 m)

Construction for 2 climbing ropes

GM702.01.02

Construction for 3 climbing ropes

GM702.01.03

Construction for 4 climbing ropes

GM702.01.04

Construction for 5 climbing ropes

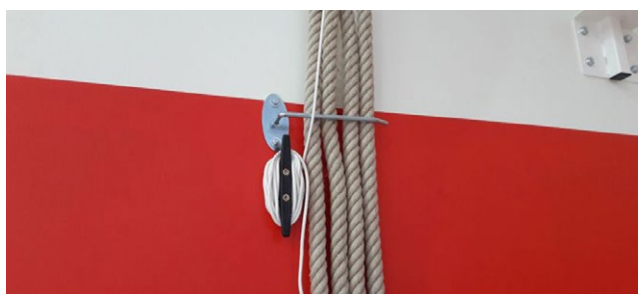
GM702.01.05

Construction for 6 climbing ropes

GM702.01.06

Climbing ropes (length in m):

3,0	GM702.02.30	3,5	GM702.02.35
4,0	GM702.02.40	4,5	GM702.02.45
5,0	GM702.02.50	5,5	GM702.02.55
6,0	GM702.02.60	6,5	GM702.02.65



Ceiling suspended construction with rail for hanging climbing ropes.

Made of steel profiles, in accordance with DIN 7911-2:1998-12. Protected against corrosion by powder-coating. Standard color of the structure: white.

Provided with:

- Ropes made of natural fibers, length between 3 and 6,5 m
- Wall storing console for ropes
- Safety lock, which disables to fold the ropes accidentally

Installation: concrete, wooden or steel ceiling structures.

WALL BARS

- Customized dimensions, height up to 3 m
- Available in single or double version (width up to 1 m for single and 2 m for double)
- Possibility to replace damaged stave thanks to using screws instead of nails
- Made in accordance to EN 12346

Wooden wall bars (gymnastic ladders), made in compliance to EN 12346. Staves made of plywood (40x30 mm), sides of pine (100x30 mm). Elements connected together with use of screws. Lacquered with use of transparent, non-toxic paint. Wall bars are provided with installation accessories like standard "T" shaped grips or beam system (in order to install the ladders i.e. between pillars or 10 cm above the floor). Available versions:

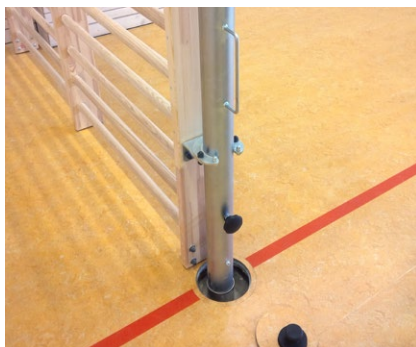
- Single - height up to 3 m, width to 1 m
- Double - height up to 3 m, width to 2 m

Standard dimension available:

Single (width 0,75 m)	Height: 2,56 m	GM703.01.01
	Height: 3,00 m	GM703.01.02
Single (width 0,9 m)	Height: 2,56 m	GM703.01.03
	Height: 3,00 m	GM703.01.04
Double (width 1,5 m)	Height: 2,56 m	GM703.02.01
	Height: 3,00 m	GM703.02.02
Double (width 1,8 m)	Height: 2,56 m	GM703.02.03
	Height: 3,00 m	GM703.02.04

Other dimensions upon request





FOLDABLE (PIVOTING) WALL BARS

Pivoting wall bars including:

- Double wall bar (180x256 cm - other upon request) made of solid pine (vertical elements) and plywood (staves); both lacquered with transparent, non-toxic paint
- Wall fixings made of steel, zinc galvanized
- Vertical upright (steel, zinc galvanized) with fixings and locking elements
- Ground socket

GM703.03



GYM MATS

Cover - stitched, made on the top and on the sides of one side coated material PVC. The bottom of the mat made of anti-slip material.

Foam - high quality, flexible polyurethane, re-foamed foam at four densities: R-80 kg / m³, R-100 kg/m³, R-120 kg/m³ and polyurethane foam T25kg/m³.

Accessories:

- reinforced corners - made of PVC material or natural leather (to protect the most weak parts of the mat),
- Hand grips for easy carrying mats

Available in following dimensions:

200x120x5 cm

200x120x10 cm

200x120x20 cm

Other dimensions upon request.

GM704.05

GM704.10

GM704.20

MIRRORS AND BALLET BARS



Mirrors 2x1 m

Ballet bar holder (single) - powder coated steel

Ballet bar holder (single) - stainless steel

Ballet bar holder (double) - powder coated steel

Ballet bar holder (double) - stainless steel

Ballet bar made of ash or beech (in m)

GM705.05

GM705.01.01

GM705.01.02

GM705.02.01

GM705.02.02

GM705.06



WALL/UPRIGHTS' PADDING

Custom made paddings for pillars, walls and corners.

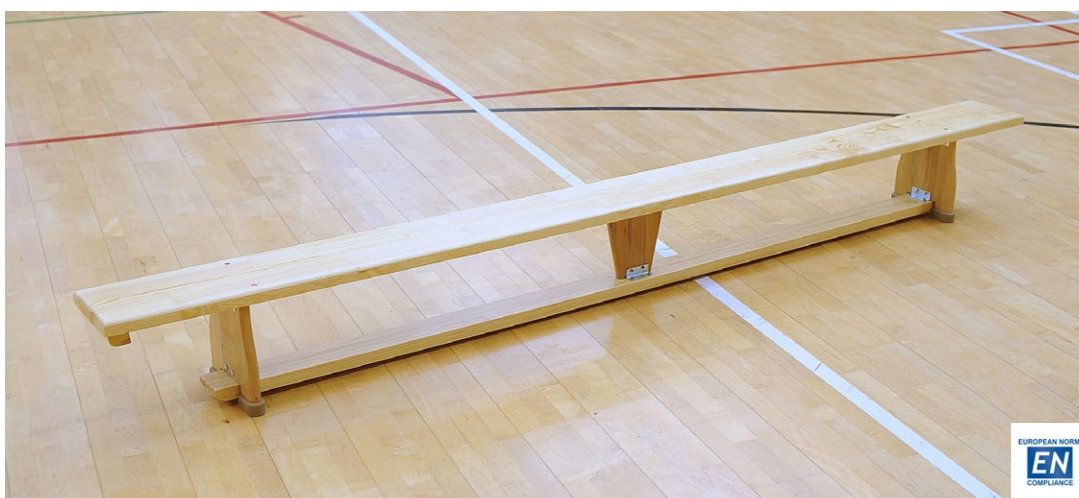
- Available in several colors (yellow, red, green, blue, red, orange, navy blue)
- Height: up to 2 m
- Thickness: 3, 5, 10, 15 or 20 cm
- Installed with use of Velcro tapes
- Customized shapes and hardness (foam density)

GM704.01



GYMNASTIC BENCHES WITH WOODEN LEGS

Made of solid wood, varnished with transparent, non-toxic paint. Wooden legs with robber foots.



Length	Code
2 m	GM708.02
4 m	GM708.04
3 m	GM708.03
5 m	GM708.05



Length	Code
2 m	GM709.02
4 m	GM709.04
3 m	GM709.03
5 m	GM709.05



GYMNASTIC DEVICES



SPRING BOARD SCHOOL

Springboard Standard. Made of special shaped plywood, covered with carpet lining. Extra microporous rubber absorbent increases elasticity. 1200x600 mm, height at front 150 mm.

GM710.01



VAULTING BUCK

Vaulting buck, corpus made of glued softwood, compounded foam upholstered with natural or artificial leather. Base made of solid steel profiles, powder coated. Height adjustment between 110 and 170 cm every 5 cm. Legs protected by anti-slip hooves, two legs equipped with wheels for easy transportation. Complies with EN 12196 standard.

GM710.02



VAULTING BOX

Vaulting box, 5 segments, 2-wheels trolley, covering made of natural or artificial leather. Box segments made of plywood, corners and tenons of hardwood. Gluing connections assure high rigidity of each segment and tenons assure stability of the whole box. Lower segment with anti-slip feet. Complies with EN 913 standard.

GM710.03

RETURN HURDLES



mini

RETURN HURDLE MINI - 5 levels of height: 400-450-500-550-600 mm, adjusted with use of a latching mechanism. Width: 780 mm, base depth 303 mm, weight 1.5 kg. Made of anodized aluminum pipes (with diameter of 18 and 22 mm). Foldable construction, height regulated in accordance to the user's need, automatic return to the vertical position. Top bar covered with a foam in order to prevent injuries.

GM710.04.01



midi

RETURN HURDLE MIDI - 7 levels of height: 550-600-650-700-750-800-840 mm, adjusted with use of a latching mechanism. Width: 820 mm, base depth 433 mm, weight 1.5 kg. Made of anodized aluminum pipes (with diameter of 18 and 22 mm). Foldable construction, height regulated in accordance to the user's need, automatic return to the vertical position. Top bar covered with a foam in order to prevent injuries.

GM710.04.02



maxi

RETURN HURDLE MIDI - 7 levels of height: 660-710-760-840-910-980-1060 mm, adjusted with use of a latching mechanism. Width: 850 mm, base depth 513 mm, weight 1.5 kg. Made of anodized aluminum pipes (with diameter of 18 and 22 mm). Foldable construction, height regulated in accordance to the user's need, automatic return to the vertical position. Top bar covered with a foam in order to prevent injuries.

GM710.04.03

HORIZONTAL BARS

- Customized configurations available
- Light, aluminum uprights with diameter of 100 mm
- Provided with stainless steel sockets
- Made in accordance to EN 12197

FREESTANDING HORIZONTAL BAR WITH WALL CONSOLE

Horizontal bar, socketed, single or double-field. Set contains:

- Uprights made of anodized aluminum round profile (Ø100, wall thickness 5 mm), 19 levels of height adjustment in 10 cm increments (bar height 80-260 cm).
- Wall console made of steel, protected against corrosion by powder-coating in RAL 9006 color
- ground sockets made of stainless steel (ANSI 1.4305, Ø108, depth 472 mm),
- socket clamping device, horizontal bars made of steel Ø28 mm, with fork head on both sides
- securing wedges



FREESTANDING HORIZONTAL BAR

Horizontal bar, socketed, single or double-field. Uprights made of anodized aluminum round profile (Ø100, wall thickness 5 mm), 19 levels of height adjustment in 10 cm increments (bar height 80-260 cm). Set includes: ground sockets made of stainless steel (ANSI 1.4305, Ø108, depth 472 mm), socket clamping device, horizontal bars made of steel Ø28 mm, with fork head on both sides and securing wedges.

STANDARD DIMENSION AVAILABLE:

- Wall/upright
- Upright/upright
- Wall/upright/upright
- Upright/upright/upright
- (i) Other configurations upon request

GM704.01.21

GM704.01.11

GM704.02.21

GM704.02.11



MARTIAL ARTS

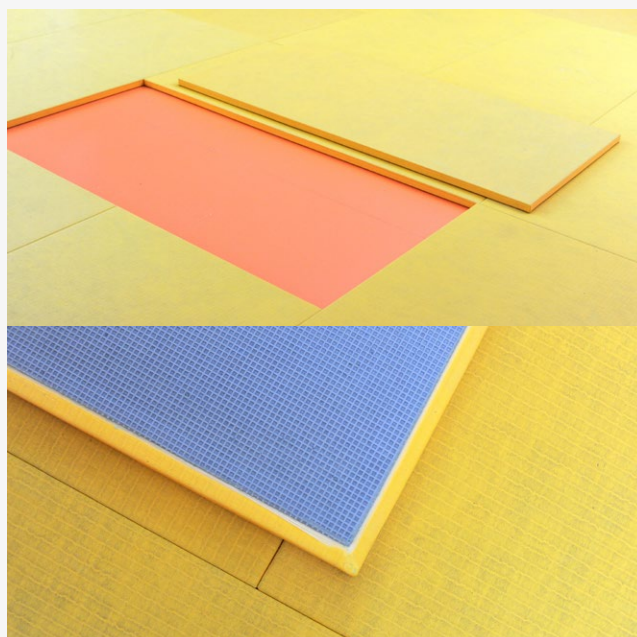
TATAMI MATS (FOR JUDO AND WRESTLING)

Tatami mat designed for all types of martial arts. Made of polyurethane foam covered with vinyl material with a rice straw structure.

Dimensions of the mat: 200x100 cm. The sheathing of the mat goes around the edges and on the bottom is sewn to a special, waffle-structured anti-slip mat.

Available colors: red, blue, grey, yellow, black and green.

TRAINING		PROFESSIONAL (with IJF certificate)	
Code	Thickness	Code	Thickness
MA121.01.04	4 cm	MA121.02.04	4 cm
MA121.01.05	5 cm	MA121.02.05	5 cm
MA121.01.06	6 cm	MA121.02.06	6 cm



PUNCHING BAG WITH FASTENINGS

Punching bag made of natural or artificial leather, gives you a confidence of very long and intense use.

Bag fastening are made of high-strength chainsaw (welded chain links). Chain hangers are attached to the bag with use of "ears". The sewn ears are additionally reinforced with rivets. The top part (so called "a hat") is closed with a use of a zipper, what allows to reduce the weight of the bag in accordance to the user's needs.

The bag is filled with safe for the environment textile wastes.

Dimensions

- height 150 cm, diameter approx. 40 cm, weight around 50 kg
- height 170 cm, diameter approx. 40 cm, weight around 70 kg

MA122.01.01	Punching bag 70 kg, natural leather
MA122.01.02	Punching bag 70 kg, synthetic leather
MA122.01.03	Punching bag 50 kg, natural leather
MA122.01.04	Punching bag 50 kg, synthetic leather



CONSTRUCTION FOR HANGING A PUNCHING BAG

Foldable construction for hanging one punching bag.

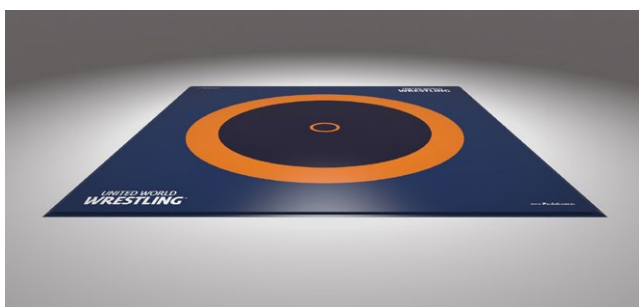
Made of steel, protected against corrosion by powder coating in white RAL 9003 (other colors upon request).

The construction can be attached directly to a wall or pillar. The folding mechanism allows to set the arm parallel to a wall when the bag is not in use.

The construction is equipped with a self-locking blockade, which prevents unwanted folding.

Projection of the arm: 1300 mm.

MA122.02.13



UWW CERTIFIED WRESTLING MAT

Wrestling mat size 12x12 m, thickness 6 cm, certified by the World Wrestling Federation.

The mat consists of 72 pieces of wrestling mattresses 200x100x6 cm and 1 piece of 3-colored covering mat made in accordance with the requirements of the UWW. The top of each mattress is covered with high quality lining, which allows to attach the covering mat. The bottom and sides of the mattress are covered with PVC material fully glued to the foam.

The heat-sealed covering mat is made in accordance with UWW requirements and has 3 fighting zones. It is made of polyester fabric covered on both sides with UV-resistant PVC, very easy to keep clean, with special anti-slip properties. The covering mat is attached to separate mattresses with use of Velcro.

TRAINING ACCESSORIES

Ball rebounder

Telescopic ball rebounder for training. Square-shaped frame, with dimensions of 130x130 cm, with a stretched polyethylene net in blue color (mesh 40x40 mm). The angle of the frame is set up by a telescopic connector (3 steps: 45°, 60° and 75°). The frame is made of steel pipes with a diameter of 35 mm, protected against corrosion by powder coating in blue (RAL 5010).



Training cones

Training cones made of soft polyethylene, available in several colors.

6 cm	GM710.05.06
26 cm	GM710.05.26
26 cm with holes	GM710.05.27
37 cm	GM710.05.37
37 cm with holes	GM710.05.38

Crossbars for cones with holes, length 100 cm, available in several colors. Material: polycarbonate.

FIXED TRAINING HURDLE

Steel hurdle, protected against corrosion by powder coating. Designed for coordination practice. Width: 45 cm.



Vertical jump measuring device

Steel construction, protected against corrosion by powder coating in natural aluminum color (RAL 9006), equipped with wheels for easy movement and counterbalasts weighting approx. 28 kg.

Possibility to set up the top edge height up to 3,7 m.

In set: base (stand), ballast, telescopic profile, adapter to install the device to any volleyball upright, jump's height measuring device.

[GM710.07.01](#)



EQUIPMENT FOR SPORTS HALLS



DIVIDING CURTAINS

- Designed for heavy, PVC curtains
- Safety brake in standard
- 3-phase motor 400V, 300 Nm
- Max. width: 40 m

Construction for mounting and vertical lifting dividing curtain. Electrically operated with use of a steering box mounted on a wall or remote controller. Steel elements protected against corrosion with powder-coating / zinc galvanizing. Mounted to a steel beam [80x80 mm or similar]. The curtain is operated by electrical motor equipped with safety switches. Electrical mechanical safety brakes prevent uncontrolled curtain slips.

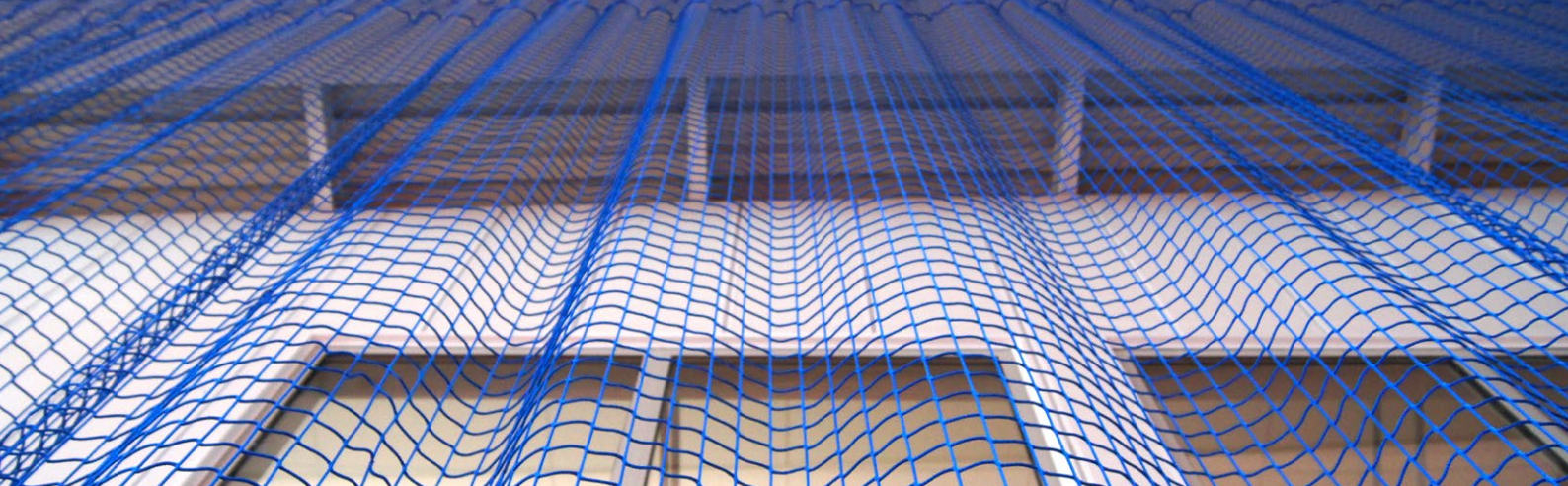
The curtain is pulled up with use of polyester belts placed in axial distance of approximately 200 cm.

Dividing curtain: grey [other colors upon request], non-transparent polyester fabric is UV resistant coated with PVC on both sides, microbiologically resistant, fire resistant according to DIN 4102 B1. Weight: 900 g/m². Height of the PVC: up to 2,5 m.

Above the PVC: polypropylene net mesh 100x100 mm, thickness 3 mm, color white or black. Contains system of strengthening and stabilizing steel/aluminum pipes.

SH801.01





STOP NETS (WALL PROTECTING NET)

Construction for hanging wall protecting nets.

Bracket for attaching safety net to a wall or pillar, made of steel, protected against corrosion by powder coating in any RAL tone or by zinc galvanization.

The solution is custom-made in accordance to the sport hall's circumstances and client's needs.

The net is installed on a steel wire rope (diameter of min. 4 mm, zinc galvanized).



Upon client's request we also do flame-retardant nets.

Nets are available in following colors:

- Green
- White
- Black
- Yellow
- Blue
- Red

Dimensions of the nets are customized based on previously agreed measurements.

The top edge of the net has an additional two rows of seams, which allow to pull up the net in case of an excessive stretching. The ballast sewn to the bottom edge [lead cord 200 g/m] keeps the net stretched properly.

Polypropylene 3 mm, mesh 50x50 mm [SH803.03.50](#)

Polypropylene 4 mm, mesh 50x50 mm [SH803.04.50](#)

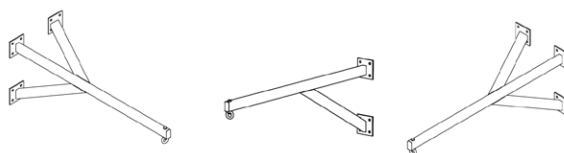
Polypropylene 3 mm, mesh 100x100 mm [SH803.03.10](#)

Polypropylene 4 mm, mesh 100x100 mm [SH803.04.10](#)

Set of 3 brackets for hanging a net on a wall

Set of 3 brackets for hanging a net on a wall. Projection: 0,5-1,5 m

[SH803.05](#)



WINDOWS' PROTECTING NETS

Installation set

Custom-made installation set containing:

- steel wire ropes
- tensioning screws
- wire thimbles
- steel net hooks (zinc galvanized, 50 mm)
- clamps
- steel brackets - types and quantities adjusted individually

Nets

Knotted polyethylene nets, available in following colors: red, green, blue, yellow, black and white and variants:

2,5 mm, mesh 50x50 mm [SH804.03.50](#)

2,5 mm, mesh 100x100 mm [SH804.04.50](#)

4,0 mm, mesh 50x50 mm [SH804.03.10](#)

4,0 mm, mesh 100x100 mm [SH804.04.10](#)





TRIBUNES

INDOOR USE FOLDABLE TRIBUNE

Main features:

- 3; 4; 5; 6; 7; 8; 9 or 10 rows
- Flat wooden bleachers or individual polypropylene seats
- Steel elements protected against corrosion by powder coating in any RAL tone
- Bleachers, backrest and other wooden elements made of solid pine wood, lacquered with flame resistant, transparent and non-toxic lacquers
- Width of the stairs: 1200 mm
- Spaces between the rows: 450 mm, finished with a high abrasion resistance covering
- Edges secured with aluminum profiles



OUTDOOR USE TRIBUNE

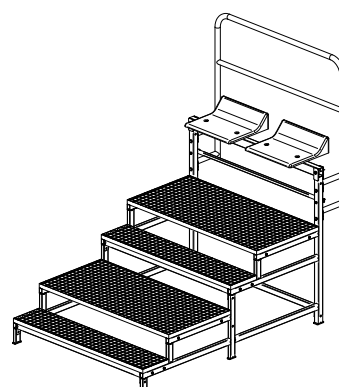
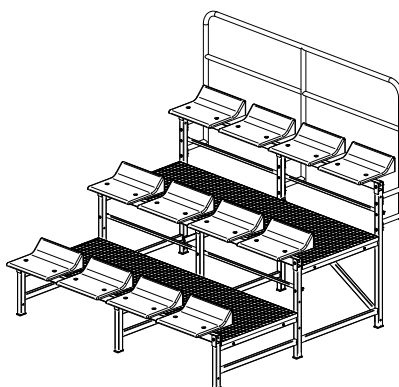
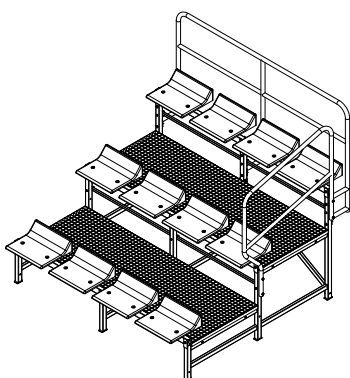
Fixed, freestanding tribune.

Construction: steel pipes and profiles, platforms made of steel lattices. All protected against corrosion by hot galvanization.

Seating: UV-resistant polypropylene seats with or without a backrest available in yellow, blue, red and green.

Main features:

- 2, 3, 4 or 5 rows
- Available modules: middle, stairs, side (with handrails) - see below
- Delivered unassembled



LOCKER ROOMS' EQUIPMENT

Main features:

- Wide range of models and additional accessories
- Several color options available
- Delivered with cam locks, padlocks, keypads or coin locks
- Solid, ergonomic construction
- Customization possible - i.e. client's logo as perforation (vent)



"L" type locker
SH802.01



Locker with/on a bench
SH802.02



Multi-tier locker
SH802.03



Locker room bench with hooks. Standard length: 2 m [other dimensions upon request]. Steel frame, equipped with non-marking knobs. Anti-corrosion treatment: powder coating in RAL 9006.

The seating and the backrest made accordingly of three and one wooden boards, lacquered with a non-toxic, transparent lacquer.

The black hooks made of polypropylene are installed on the rear side of the top board in order to prevent injuries.

Single side **SH803.01**

Double side **SH803.02**



CONTAINERS FOR WASTE SEGREGATION **SE902.06**

- single, double and triple compartment
- can be joined together
- pictograms with types of wastes
- the compartments have self locking hatches
- regulated leveling feet available



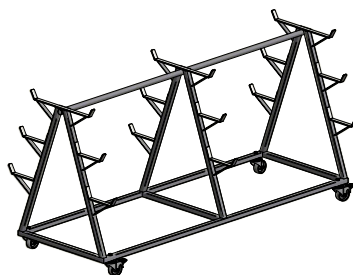
STORAGE EQUIPMENT



Trolley for transport and storage of one pair of volleyball uprights.

Suitable for all types and lengths.
Made of steel, protected against corrosion by powder coating in black (RAL 9005).
Equipped with 4 rubber wheels (two with brakes) and a hook for net hanger.

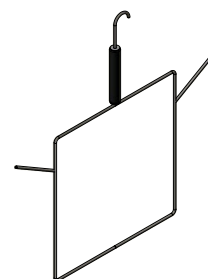
SE901.01.01



Trolley for transport and storage of one pair of volleyball uprights.

Suitable for all types and lengths.
Made of steel, protected against corrosion by powder coating in black (RAL 9005).
Equipped with 4 rubber wheels (two with brakes) and a hook for net hanger.

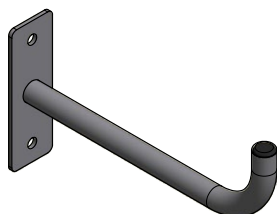
SE901.01.03



Net hanger (for one volleyball / badminton / tennis net).

Protected against corrosion by powder coating in black or zinc galvanization.
Equipped with handle.

SE901.01.02

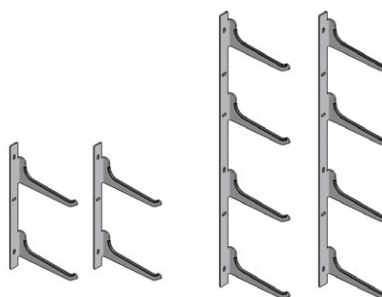


Standard (universal) hook

Made of steel, available in lengths: 15 and 30 cm [other upon request]. Protected against corrosion by powder-coating in black (RAL 9005). Designed for hanging gymnastic hoops, sashes, nets, rings and many others.

15 cm
30 cm

SE902.01.15
SE902.01.30



Wall storage console for posts

Suitable for any uprights (volleyball, horizontal bars, etc.). Including anti-scrap rubber gaskets on edges.

Available in two versions:

2x2 hooks

SE902.02.02

[8 uprights with max diameter of ~100 mm]

2x4 hooks

SE902.02.04

[4 uprights with max diameter of ~100 mm]

Protected against corrosion by powder-coating in black (RAL 9005).

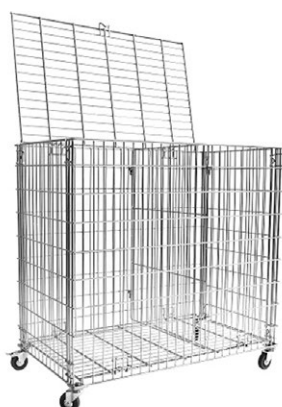


Wall console for storing nets hangers

Protected against corrosion by powder-coating in black (RAL 9005).

Capacity: 6-8 hangers.

SE902.03



Storage trolley for balls and other sports equipment

Heavy-duty trolley made of steel rods, protect against corrosion by zinc-galvanization.
Equipped with rubber wheels (two with brake) and a partition. Easy for transport - foldable.

Dimensions: 100x60x85cm.

SE901.01.04



Platform trolley for transporting gymnastic mats.

Steel construction, protected against corrosion by powder coating in silver RAL 9006 or black RAL 9005. Platform 200x100 cm made of waterproof, anti-slip black plywood. Equipped with 4 rubber castors (2 fixed and 2 swivel). Max weight of transported mats: 120 kg. Max. Capacity: 12 pcs of 10 cm gymnastic mats.

SE902.07



PVC mats floor protection rolling trolley.

Width: 150 or 200 cm.

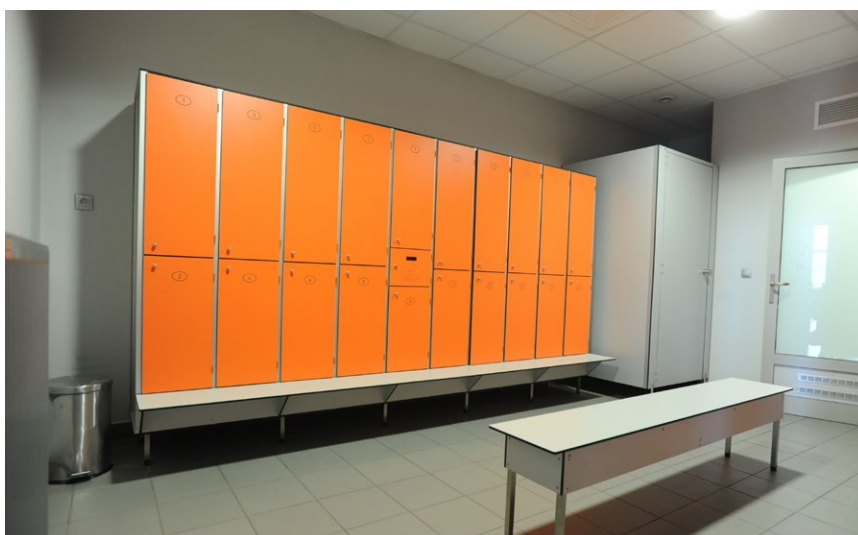
SE901.01.15



Functional, capacious and solid metal lockers

used to arrange and collect minor sports equipment and various sports accessories (rackets, balls, jump ropes, lines, scarves, gym mats, gym equipment, etc.). Several types and dimensions available. Made of steel, protect against corrosion by powder-coating [standard color RAL 7035 - grey].

[SE902.05](#)



High quality lockers made of HPL (High Pressure Laminate). This material is very resistant to bending and tearing, its surface is super hard and resistant to dirt.

A use of proper solvent avails to remove all unwanted marks, stains or other dirt without a risk of destroying the surface. Additionally, is characterized by high thermal resistance (boiling water, cigarettes, etc.). HPL lockers are corrosion resistant, so they are recommended for use in swimming pools.

Dimension, colors, prices and other details upon request.

[SH802.04](#)



Transport and storage trolley for 100 floor protecting mats 2x1 m

Made of steel profiles, protect against corrosion by powder-coating. Equipped with rubber wheels (two with brake). Platform made of anti-slip and waterproof black plywood.

Max capacity: 800 kg.

[SE901.01.07](#)

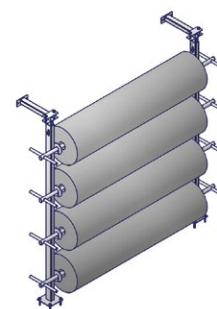


Storage trolley for 3 rolls of floor protection covering

Trolley made of steel profiles, protect against corrosion by powder-coating. Equipped with rubber wheels (two with brake) and 3 steel, portable rods (zinc-galvanized) with handles. Designed for transporting and storing floor protection in rolls with width up to 2 m.

Max capacity: 400 kg.

[SE901.01.05](#)

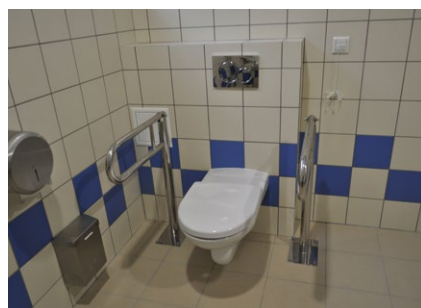


Storage unit for 4 rolls of floor protection covering or portable sports flooring

Made of steel profiles, protect against corrosion by powder-coating. Equipped with portable rods (zinc-galvanized) with handles. Designed for storing on any rolls with width up to 2 m. Manual winch available (upon request).

[SE902.04](#)

CUSTOM MADE ITEMS – UPON REQUEST



Stainless steel handrails



HPL furniture



School and office furniture

FLOOR PROTECTION

FLOOR PROTECTION IN ROLLS





INTER PROTECT SPORT

Sports hall protection in rolls designed to cover all types of sports floorings during non-sports events. Resistant to stretching, bending, liquids and mechanical damages.

Main features:

- Made of PVC
- Available colors: graphite and green
- Standard roll dimensions: length 25 m; width 1,4 m.
- Thickness: 1,5 mm,
- Weight: 2200 g/sqm
- Loose laid installation.
- Flame resistant according to EN 13501-1
- Anti-slip bottom

Color

	Green	FP131.01
	Graphite	FP131.02

FLOOR PROTECTION IN TILES



INTER FLOOR PROTECTION

Sports hall protection in tiles designed to cover all types of sports floorings during non-sports events. Protects all wooden parquets and PVC floors against unwanted factors as i.e. inadequate footwear, cigarettes, liquids, food wastes and other.

Color	Code
Navy-blue	FP132.01
Grey	FP132.02
Green	FP132.03

Main features:

- Made of polypropylene (top layer) and polyolefin (bottom layer)
- Available colors: graphite, navy-blue and green
- Standard roll dimensions: 200x100 cm
- Total thickness: 7,5 mm
- Weight: 3,8 kg/sqm
- Loose laid installation
- Anti-slip bottom
- Flame resistant according to EN 13501-1



STRAMATEL SCOREBOARDS



PROFESSIONAL SCOREBOARDS WITH FIBA CERTIFICATE

STRAMATEL scoreboards from multisport series are working with following disciplines:

- basketball
- handball
- volleyball
- tennis
- hockey
- futsal

And many others.



The scoreboards are delivered with steering panel with many different languages available (customized upon request).



SUPER PRO 452 MF 3123-FIBA LVL 1

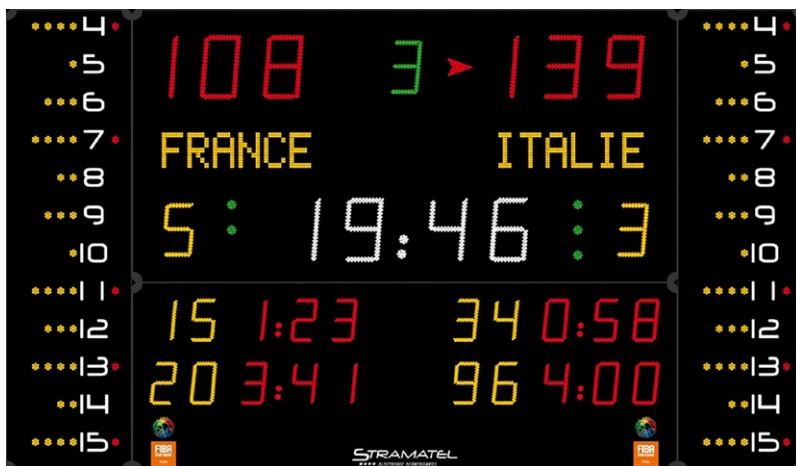
The modules of the scoreboard can be installed directly on a wall or on a steel subconstruction. Displays: teams names, score, time, part of the game, team fouls, individual fouls, players numbers, players names, score of the previous game part, ball possession indicator, individual penalties in handball. The scoreboard has an integrated siren and it is approved by the FIBA for highest level competitions [FIBA LEVEL 1 CERTIFICATE]. In set: steering console in a carrying bag, charger (only for wireless models), PC keyboard, wires and instruction manual.



Basic parameters:
Dimensions: 6908x2500x90 mm
Weight: 285 kg
Digits height: 25 i 30 cm
Readability: 160 m
Visibility angle: 160°
Power supply: 230V; 50-60 Hz

SUPER PRO 452 MF 3123-FIBA LVL 2

The modules of the scoreboard can be installed directly on a wall or on a steel subconstruction. Displays: teams names, score, time, part of the game, team fouls, individual fouls, players numbers, ball possession indicator, individual penalties in handball. The scoreboard has an integrated siren and it is approved by the FIBA for high level competitions [FIBA LEVEL 2 CERTIFICATE]. In set: steering console in a carrying bag, charger (only for wireless models), PC keyboard, wires and instruction manual.



Basic parameters:
Dimensions: 4304x2200x90 mm
Weight: 145 kg
Digits height: 25 i 30 cm
Readability: 160 m
Visibility angle: 160°
Power supply: 230V; 50-60 Hz

SUPER PRO 452 MB 7100-FIBA LVL 3

The modules of the scoreboard can be installed directly on a wall or on a steel subconstruction. Displays: teams names, score, time, part of the game, team fouls, ball possession indicator, individual penalties in handball.

The scoreboard has an integrated siren and it is approved by the FIBA for high level competitions [FIBA LEVEL 3 CERTIFICATE]. In set: steering console in a carrying bag, charger (only for wireless models), PC keyboard, wires and instruction manual.



Basic parameters:
Dimensions: 1900x1200x90 mm
Weight: 32 kg
Digits height: 20 i 25 cm
Readability: 110 m
Visibility angle: 160°
Power supply: 230V; 50-60 Hz



NOVA TIMING SCOREBOARDS

Main features:

- automatic and manual siren
- LED technology, 10 years warranty for diodes
- fixed HOME-GUESTS inscription [or displaying team names in PRO series]
- wireless data transmission
- easy, intuitive steering [control panel with LCD display and language customized menu]
- anti-reflex, ball impact resistant polycarbonate front cover
- power supply: 230V, 50-60 Hz
- supported disciplines: basketball, handball, volleyball, hockey, tennis*

*tennis can be replaced with any other discipline



READABILITY 60 M



BASIC 10

Displayed parameters: game time in minutes and seconds, score from 0 to 199. Dimensions: 1000x640x40 mm.

[SB111.01.10](#)



BASIC 13

Displayed parameters: game time in minutes and seconds, score from 0 to 199, game part number, team fouls. Dimensions: 1000x640x40 mm.

[SB111.01.13](#)



BASIC 170

Displayed parameters: game time in minutes and seconds, score from 0 to 199, game part number, team fouls, individual penalties in handball. Dimensions: 1500x1000x40 mm.

[SB111.01.170](#)

READABILITY 90 M



PRO 170 HOME-GUESTS

[SB111.02.170](#)

PRO 171 TEAM NAMES

[SB111.02.171](#)

Displayed parameters: game time in minutes and seconds, score from 0 to 199, game part number, team fouls. Dimensions: 1880x1180x40 mm.



PRO 172 HOME-GUESTS

[SB111.02.172](#)

PRO 173 TEAM NAMES

[SB111.02.173](#)

Displayed parameters: game time in minutes and seconds, score from 0 to 199, game part number, individual and team fouls. Dimensions: 2900x1180x40 mm.



PRO 176 HOME-GUESTS

[SB111.02.176](#)

PRO 177 TEAM NAMES

[SB111.02.177](#)

Displayed parameters: game time in minutes and seconds, score from 0 to 199, game part number, individual and team fouls, 2x 3 timers for individual penalties in handball. Dimensions: 2900x1730x40 mm.



4/24 SECOND TIMER BASIC 24

Timer dimensions: 360x320x40 mm. Readability 60 m.

In set: 2 pcs of shot clocks and control panel.

BASIC 24

[SB111.03.24](#)



Portable scoreboard MULTITOP

Portable scoreboard supplied from batteries (works up to 20 hours), with integrated control panel.

Full support for following disciplines: basketball, handball, futsal, volleyball, tennis, table tennis, badminton, floorball, ice hockey, netball, boxing and one other (set manually). Additionally training and stopwatch mode. Dimensions: 730x370x110 mm, weight 5,5 kg.

MULTITOP2/B

[SB113.01](#)



BEACH SPORTS

GOALPOSTS AND UPRIGHTS

BEACH FOOTBALL

Beach soccer goal 5,50x2,20 m, type 2 (mounted in sockets).
Main frame: made of oval aluminum profile 120x100 mm, powder coated in yellow.
Net support: made of steel tube 35x2 mm, depth 80 cm, hot galvanized.

BS151.01



BEACH HANDBALL

Beach handball goal 3x2 m, type 1 (mounted in sockets).
Main frame: made of round aluminum profile 80 mm, powder coated in blue.
Net support: made of steel tube 35x2 mm, depth 80/100 cm, powder coated in white.

BS151.02

BEACH VOLLEYBALL

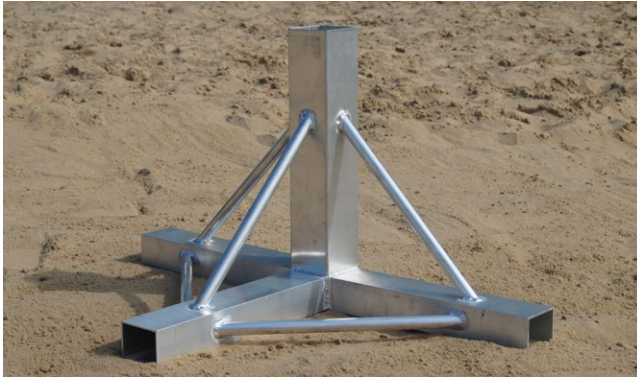
Bach volleyball uprights 80x80 mm, type 1 (mounted in sockets).

Uprights: made of square aluminum profile 80x80 mm, powder coated in yellow. Tensioning apparatus and net attachments locked eccentrically. Crank included. Stepless height adjustment (106-250 cm).

BS151.03



BEACH SPORTS - ACCESSORIES



GROUND SOCKETS

Ground socket to bury in sand for 120x100 mm oval profile.
"T" shaped base made of aluminum.

Ground socket to bury in sand for 80 mm round profile.
"T" shaped base made of aluminum.

Ground socket to bury in sand for 80x80 mm square profile.
"T" shaped base made of aluminum.

[BS152.01](#)

[BS152.02](#)

[BS152.03](#)



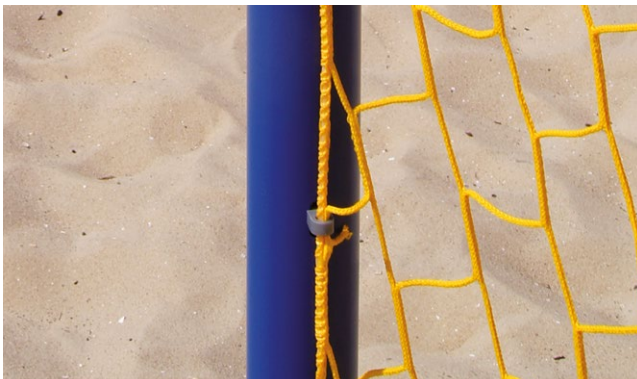
WOODEN BEAMS

Impregnated wooden beams 1500x72x52 mm. Single unit.

[BS153.00](#)

Set of 6 impregnated wooden beams for single handball goalpost, single soccer goalpost or for one pair of volleyball uprights.

[BS153.06](#)



NETS

Beach soccer net for "P"-shaped net support type. Made of polypropylene, mesh 10x10 cm, color yellow. Integrated ballast (lead cord 400 g/m) sewn to the bottom edge. Thickness: 4 mm.

Dimensions:
Length: 5,5 m
Height: 2,2 m
Depth: 80 cm (top) / 100 cm (bottom)

[BS154.01](#)



Beach handball net for "C"-shaped net support type. Made of polypropylene, mesh 10x10 cm, color yellow. Thickness: 4 mm. Dimensions:

Length: 3 m
Height: 2 m
Depth: 80 cm (top) / 100 cm (bottom)

[BS154.02](#)

Beach volleyball net. Top tensioning wire made of Kevlar, 4-point attachment to the uprights. The net has special reinforcing polyester tapes sewn all around. Antennae with pockets in set. Mesh: 10x10 cm, polypropylene, 3 mm, black.

[BS154.03](#)

OTHER ACCESSORIES



Foldable referee's stand.

Made of steel profiles, protected against corrosion by two layers of powder-coat. Color: yellow RAL 1021. Platform made of riffl aluminum plate with 3 steps of height adjustment. The stand is mounted to the uprights with use of Velcro straps. Dimensions when folded: 235x80x15 cm, weight app. 50 kg.

[VB202.03.03](#)



Lines

Lines to determine beach soccer playing area (36x26 m). Width 5 cm. Color: navy blue. In set plastic squares to bury in stand (with tensioning rubber ropes). [BS155.01](#)

Lines to determine beach handball playing area (16x8 m). Width 5 cm. Color: navy blue. In set plastic squares to bury in stand (with tensioning rubber ropes). [BS155.02](#)

Lines to determine beach handball playing area (27x12 m). Width 5 cm. Color: navy blue. In set plastic squares to bury in stand (with tensioning rubber ropes) and additional straps to determine 6 m throw lines. [BS155.03](#)



Beach volleyball upright's protecting pad

Color: yellow. Light polyethylene foam on a support structure made of plywood, covered with water- and UV-resistant PVC fabric. Installed on an uprights with use of provided yellow Velcro straps.

Optional: custom made logotype
[VB202.01.22](#)



SEATINGS

OMEGA

Stadium seating OMEGA is made of waterproof, UV- and fire-resistant polyamide or polypropylene. Destination: sports halls and outdoor arenas. Available options: with low [LB] and high [HB] backrest.

Support construction types:

- Type A - to the step riser
- Type B - to the step riser (on a common beam)
- Type C - to the floor
- Type D - on a step

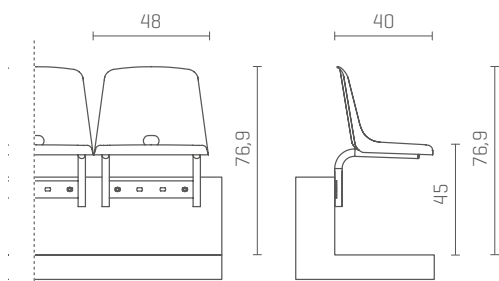
The OMEGA HB fulfills FIFA and UEFA requirements.



Omega Type A

High Back

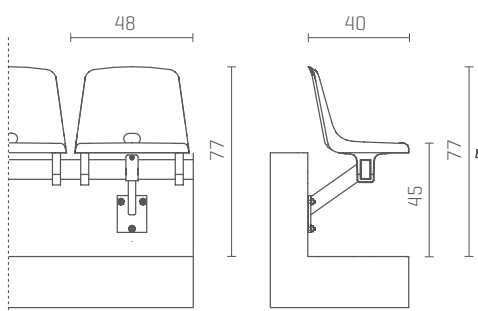
DIMENSIONS*:



Omega Type B

High Back

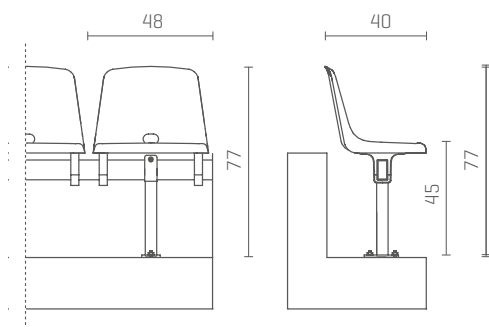
DIMENSIONS*:



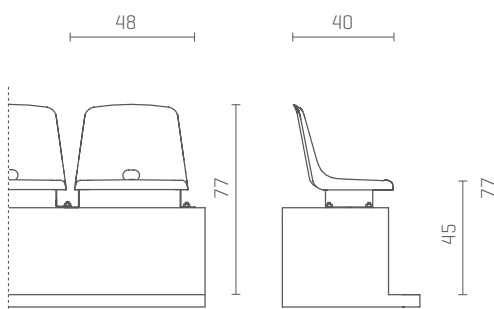
Omega Type C

High Back

DIMENSIONS*:



DIMENSIONS*:



*All dimensions are in centimetres.

ABACUS

A modern family stadium chairs with an original structural solution combining functionality, simple modernist design and unique ergonomic qualities. This models are offered in many types allowing for the arrangement of standard stands, VIP stands and press seats. With seat folded, this chairs take up very little space.



Stadium seating ABACUS with gravitational mechanism [seat automatically folded] is made of waterproof, UV- and fire-resistant polypropylene.

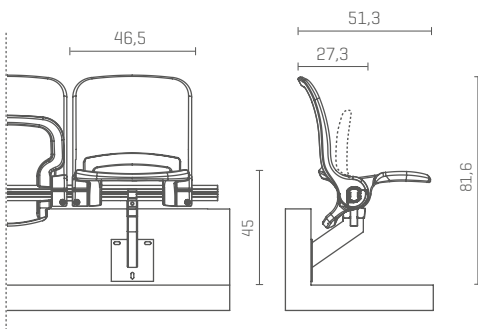
Support structure types:

- Type B - to the step riser [on a common beam]
- Type C - to the floor

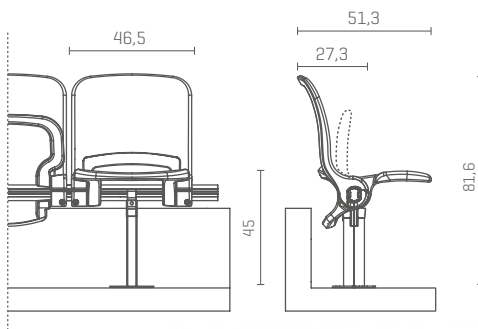
The seatings can be improved with writing desktop made of HPL, drink holders, armrests made of polyamide with fiberglass.

DIMENSIONS*:

Abacus Bronze / Silver Type B



Abacus Bronze / Silver Type C



SIGNMA

Sigma is a chair whose compact dimensions make it an ideal choice for facilities with shallow steps. In addition to its small size, it also has other great advantages.

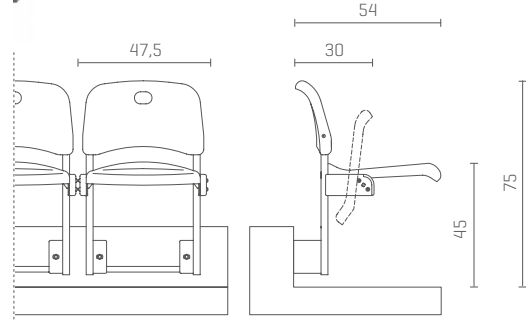
The chair is durable, highly ergonomic, available in different types and equipped with an automatically foldable seat.

Stadium seating SIGMA with gravitational mechanism [seat automatically folded] is made of waterproof, UV- and fire-resistant polypropylene or polyamide.

Support structure types:

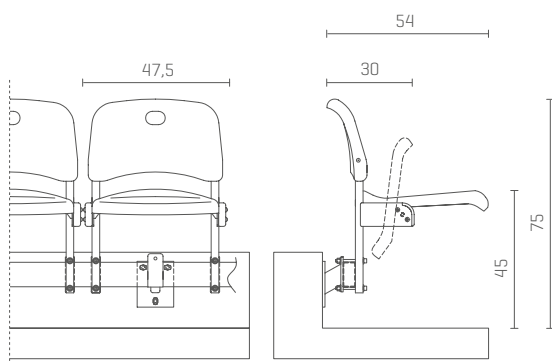
- Type A - to the step riser
- Type B - to the step riser [on a common beam]
- Type C - to the floor

The seatings can be improved with writing armrests or upholstery.

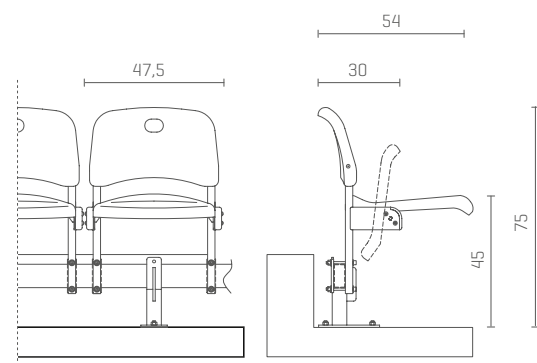


DIMENSIONS*:

SigmaB



Sigma C



*All dimensions are in centimetres.

NOTES

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