

interplastic®
SINCE 1985

92mm

4mm

24mm

Indoor Sports Equipment
2022/2023

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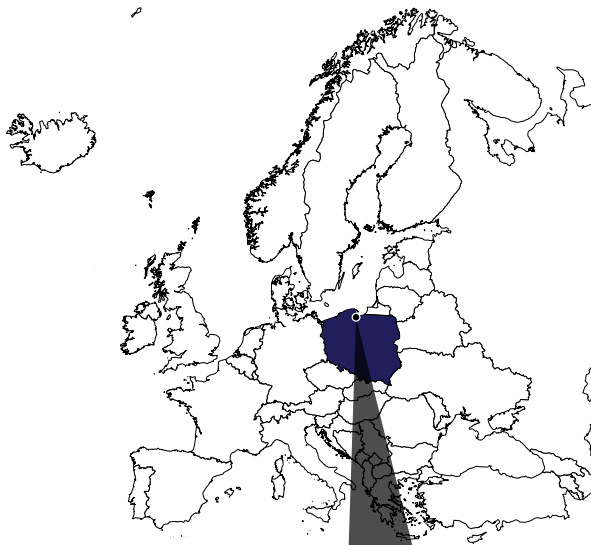
about us



The INTERPLASTIC company was established in 1985. In the early years INTERPLASTIC was a toy manufacturer, hence the word "plastic" in the company's name. Now, for almost 30 years, the company's core business is the manufacturing of sports goods. Throughout all those years of its activities, INTERPLASTIC has supplied high-end sports equipment to thousands of schools, sports clubs, arenas, but also for top-level international events like World Championships or Olympic Games. Currently,

INTERPLASTIC is operating in a big, modern factory, hiring more than 100 people, manufacturing goods of metals, plastic, wood, and glass, and exporting its products to more than 50 countries worldwide. A major part of our products was tested and certified in accordance with European Norms by notified certification units. The highest priorities of our company were always the quality and users safety.

IN THE VERY CENTRE OF EUROPE



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SINCE 1985

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BASKETBALL

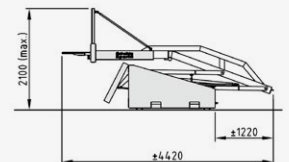
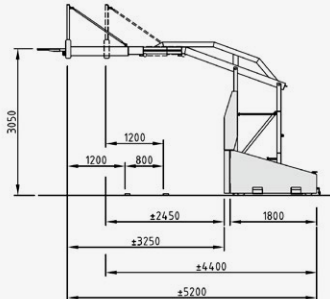
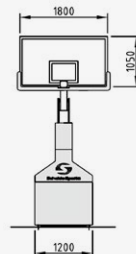
PORTABLE UNITS



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 250 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 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 250 cm or 305 cm
- rear of side floor anchoring systems
- FIBA Level 1 certificate

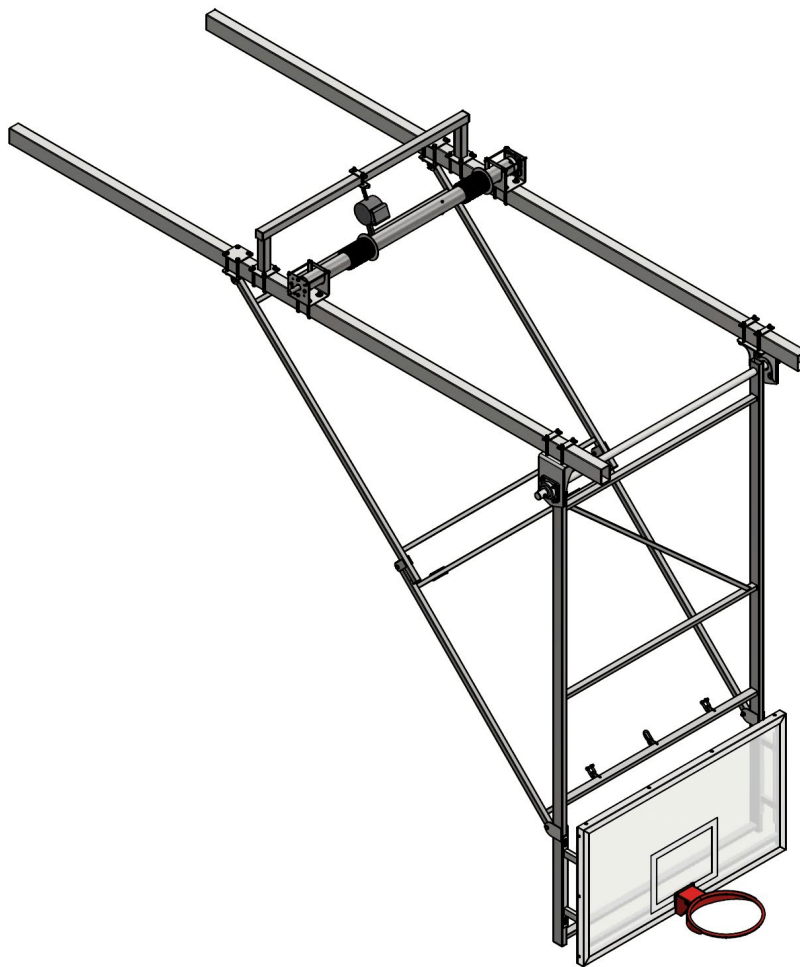
BB100.03.01



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 (20 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 250 cm or 305 cm
- rear of side floor anchoring systems
- FIBA Level 2 certificate

BB100.02.01



CEILING SUSPENDED BACKBOARD SUPPORT UNIT PRO

In accordance with EN 1270 and FIBA standards

BB101.21

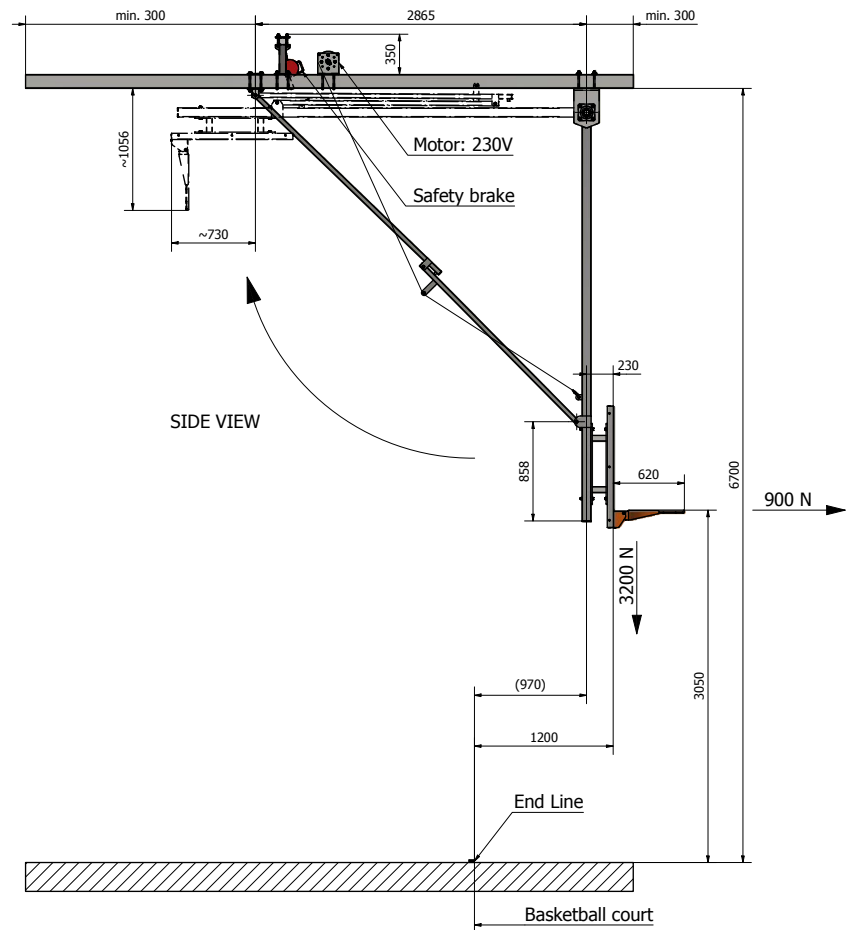
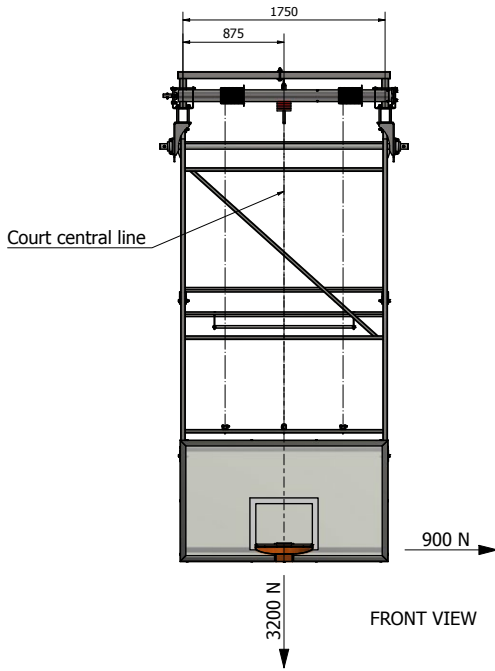
Dual-tube ceiling suspended backboard support units, designed for sports halls with a height of (FFL-ceiling) between 6 and 9 m (for higher structures a special, custom-made auxiliary is needed). Due to its unique construction and implementation of non-standard solutions (like for instance wider than commonly used span of the auxiliary structure or additional bearings), the construction provides very high stiffness and reliability. Complies with FIBA requirements.

MAIN FEATURES:

- FIBA H-type ceiling suspended backboard support units are designed to attach the tempered glass or acrylic basketball backboards with a size of 180×105 cm
- The frame can be folded both backward and frontwards, depending on the building's conditions and investor's requirements
- The structure is pulled up with the use of two independent steel wire ropes wound on a specially designed drum, which makes it very safe for the users
- The backboard is attached to the main (front) frame with the use of specially designed grips and U-bolts. This solution allows adjusting the height of a backboard by [+/-] 5 cm
- Default steering: key switch with deadman's switch function in accordance with DIN 7892:2017
- Default color: RAL 9003 white; other colors upon request – look below for available options

The ceiling suspended basketball backboard's support structure consist of:

- Front [main] support frame, made of steel profiles 80x40x3, 60x40x2, 60x30x2 and 50x30x2 and 30x30x3 mm, welded together, powder-coated, connected to the auxiliary structure with a pair of bearings
- Foldable frames [scissors], made of steel profiles 40x40x3 mm; welded and powder-coated
- An auxiliary construction made of two 120x80x3 mm beams installed in an axial distance of 175 cm or 203 cm (length depending on the total distance between the floor and the roof) with a set of individually designed brackets (adopted to the type and shape of the ceiling), suitable for concrete, metal or wooden joists, powder-coated
- A single-phase motor in a galvanized console (120 or 250 Nm, depending on size and the used backboard type). In order to provide quiet and maintenance-free operation, the motor is installed in a console with a special bearing, and additionally, the shaft on which the steel wire ropes being wound have lathe machined grooves
- A grip for attaching the safety device [load arrestor] made of steel, powder-coated
- Set of assembly elements [U-bolts, screws, steel plates, washers, nuts, connecting plates, steel wire ropes, key switch, etc.]. Steel parts are protected against corrosion by zinc galvanization



General data:

Product code:	BB101.21
Dead load:	~350 kg [w/o the auxiliary structure]
Colour:	RAL 9003 White, other upon request
Folding:	backwards
Width:	~1800 mm
Min. height [ceiling-FFL]:	6000 mm
Max. height [ceiling-FFL]:	9000 mm
Standards:	EN 1270; FIBA
Type/class [EN 1270]:	Type 5

Tubular drive data

Torque [Nm]:	200
Speed [rpm]:	8
Supply voltage:	230V AC, 50 Hz
Power [W]:	700
Current [A]:	3,2
Operating temp.:	-10° C to 40° C
Protection:	IP 44

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]

ADDITIONAL TIPS



Accessories, like backboards, height adjustment mechanisms, rings, nets, paddings or safety devices [load arrestors] are sold separately.

It is recommended not to use height adjustment mechanisms on the "FIBA-Type" ceiling suspended basketball units, as it is designed for pro players.

Please see pages 20-22 for further details or scan the code to choose the right accessories and download additional drawings, manuals etc.





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:

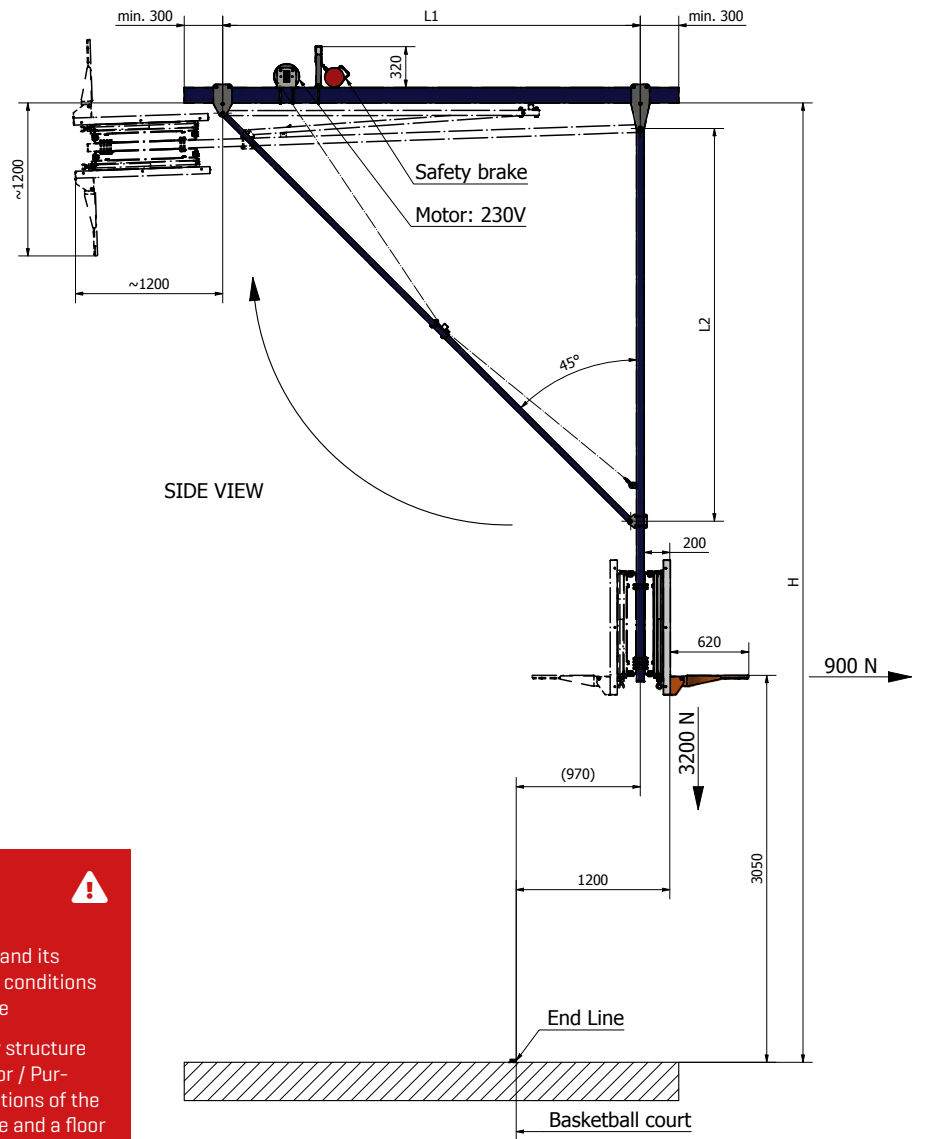
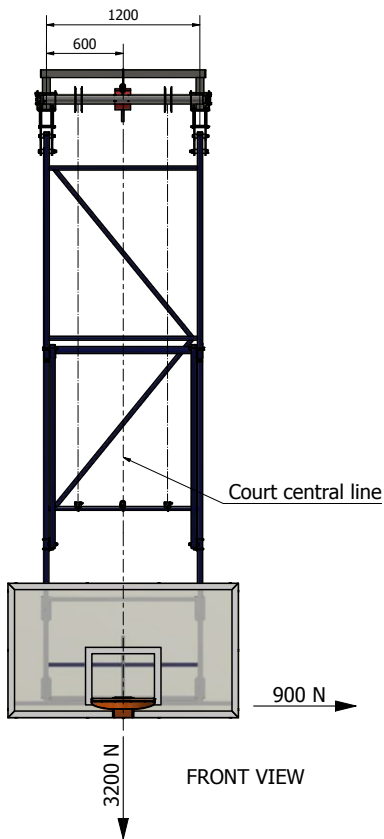
230 V; 50 Hz, 435 W, 1,9 A

From mains to control panel:

3x1,5 mm²

From control panel to motor:

5x1,5 mm²



IMPORTANT NOTICE



Type, size and location of the basketball structure 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]

General data:

Dead load:	~400 kg
Colour:	Standard: WHITE RAL 9003
Folding:	Front or back
Width:	1240 mm
Min. height:	6000 mm
Max. height:	9000 mm
Destination:	Indoor use
Standard:	EN 1270:2006
Type/class [EN 1270]:	Type 5

Tubular drive data:

Torque [Nm]	120
Speed [rpm]:	11
Supply voltage:	230V, AC 50 Hz
Connected load [W]:	435
Current [A]:	1,9
Operating temp.	-10° C to 40° C
Protection:	IP 44

ADDITIONAL TIPS

Accessories, like backboards, height adjustment mechanisms, rings, nets, paddings or safety devices [load arrestors] are sold separately.

This type of a basketball structure allows installing a backboard with and without the height adjustment mechanism, while leaving the placement of the structure's elements in one fixed place, remembering the appropriate selection of the board holders [article BB101.01.07 - for structures with height adjustment or BB101.01.15 for structures without a height adjustment mechanism].

Please see pages 20-22 for further details or scan the code next to it to choose the right accessories and download additional drawings, manuals etc.





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.

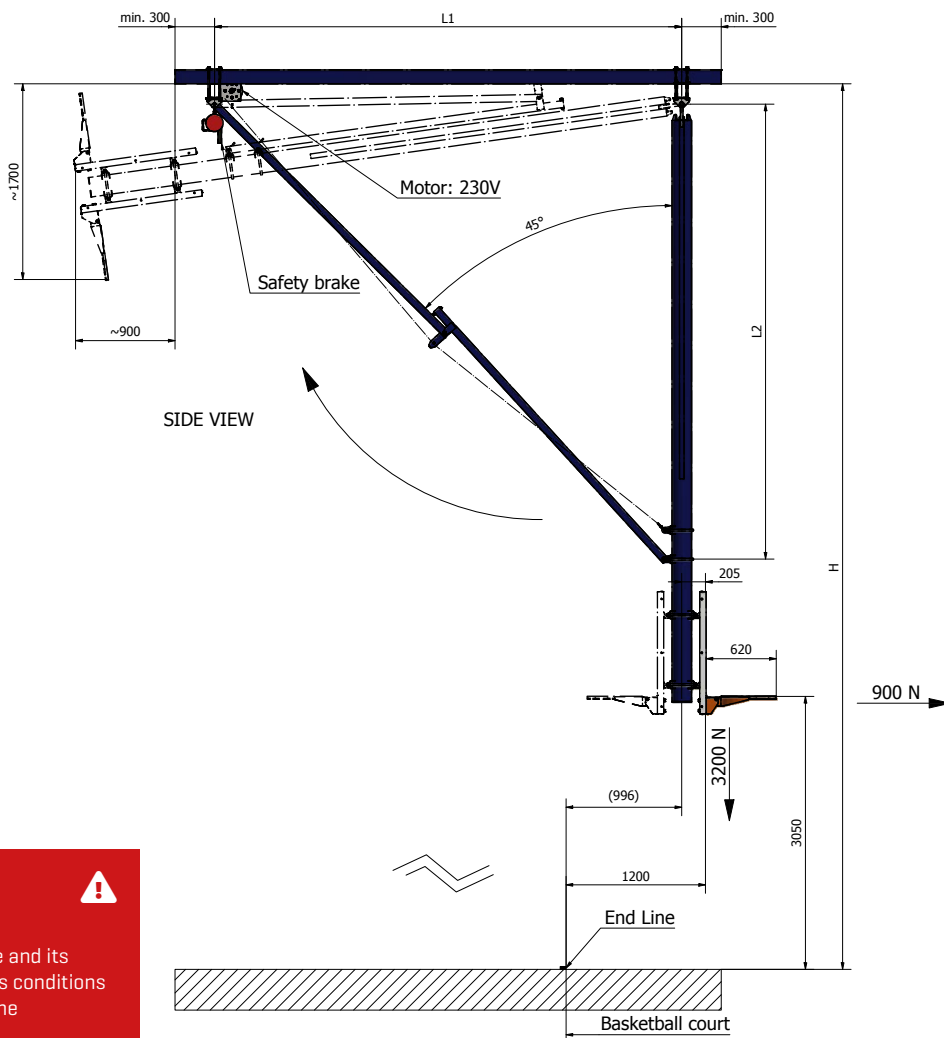
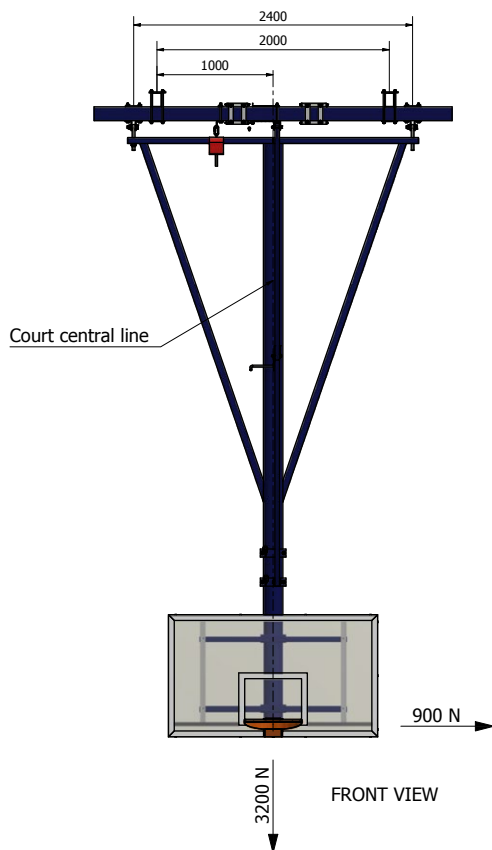
The structure is provided with all necessary assembly elements like bolts, washers, nuts, U-bolts etc. [property class 8.8 or higher].

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 mm ²
From control panel to motor:	5x1,5 mm ²



IMPORTANT NOTICE



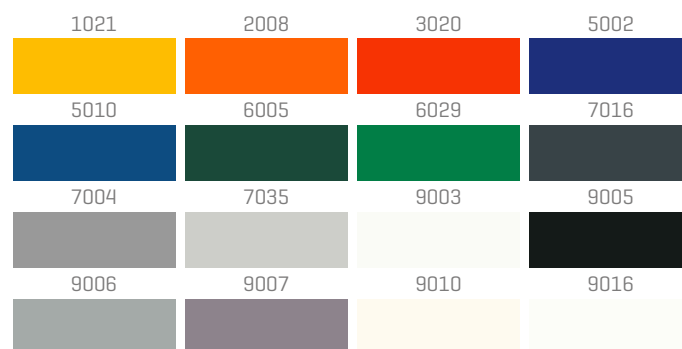
Type, size and location of the basketball structure and its auxiliary structure are depending on the building's conditions and they must be considered individually each time

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]

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

Standard palette of available colours [according to RAL]:

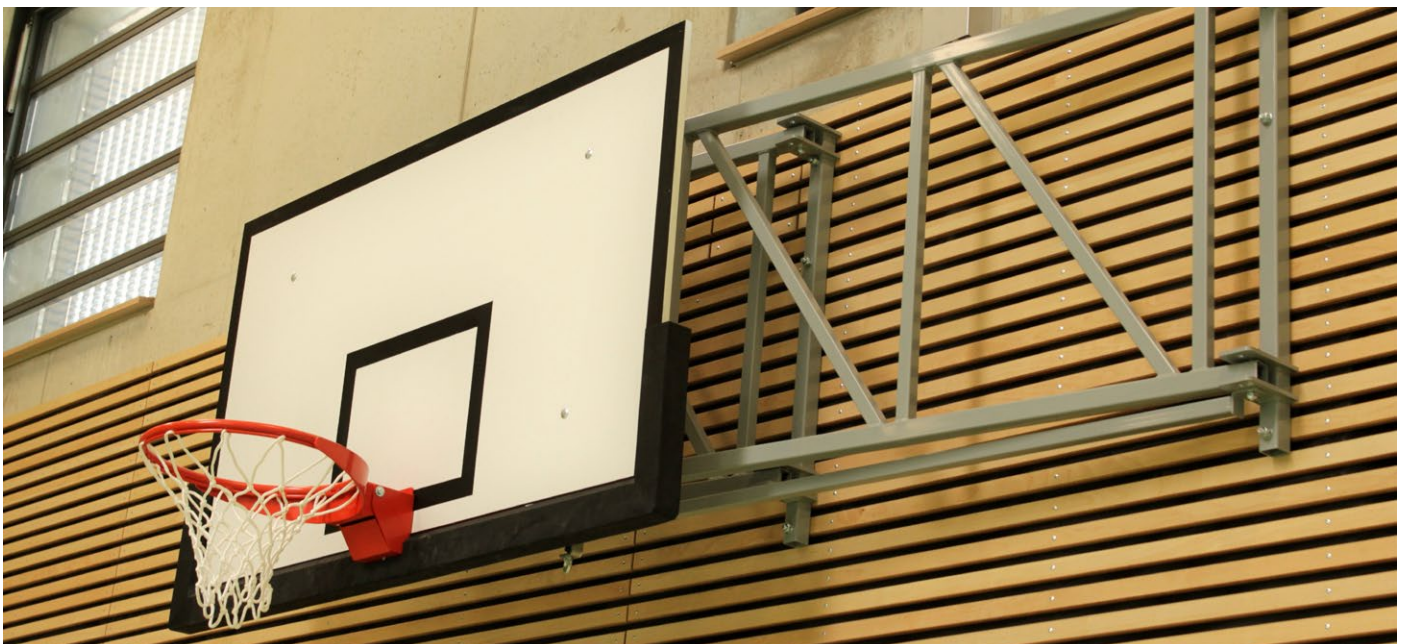


ADDITIONAL TIPS

Accessories, like backboards, height adjustment mechanisms, rings, nets, paddings or safety devices [load arrestors] are sold separately.

Please see pages 20-22 for further details or scan the code to choose the right accessories and download additional drawings, manuals etc.





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.

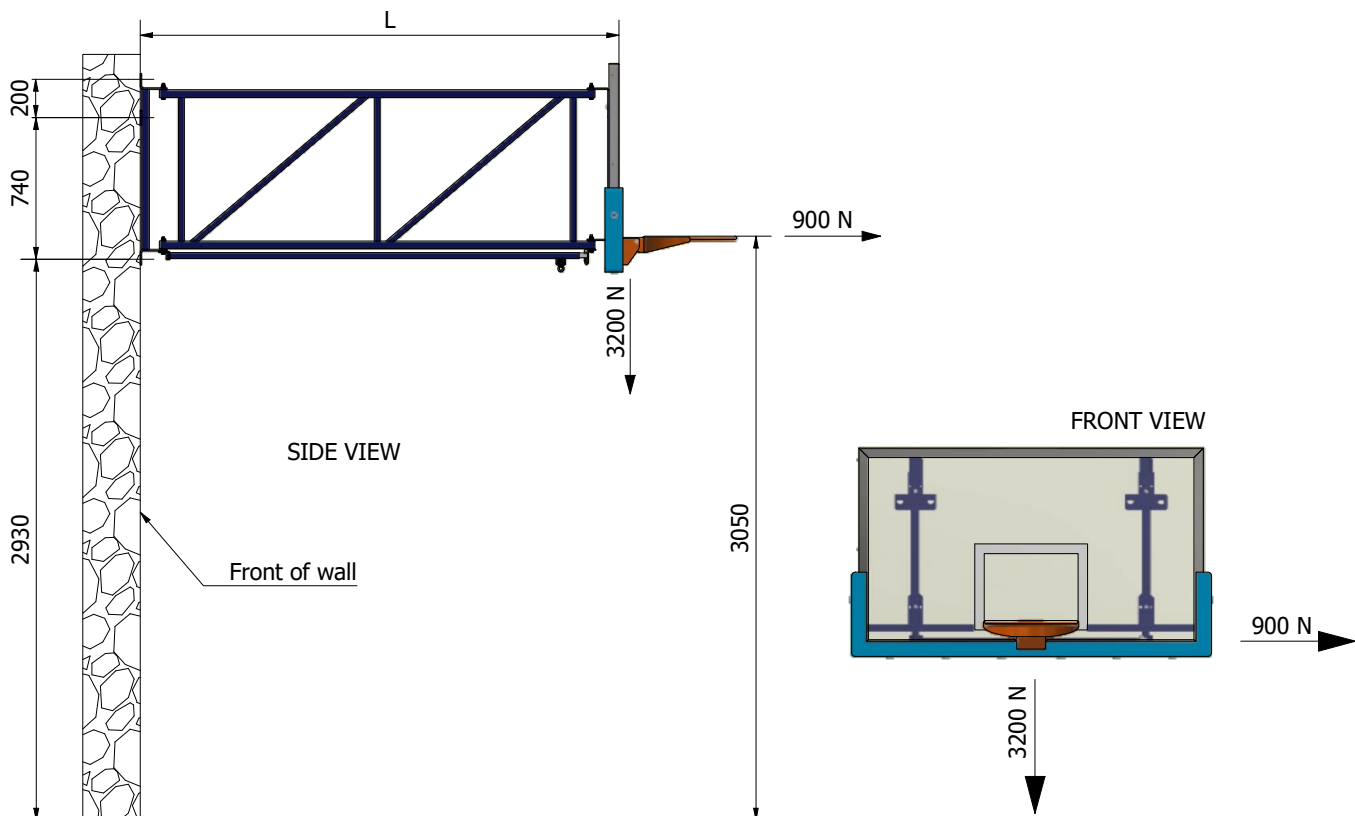
Installation possible only on solid concrete or brick walls. If requested, the construction is provided with manual height adjustment mechanism (260-305 cm).

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

Distance between the wall bracket: 120 cm [axis-axis].

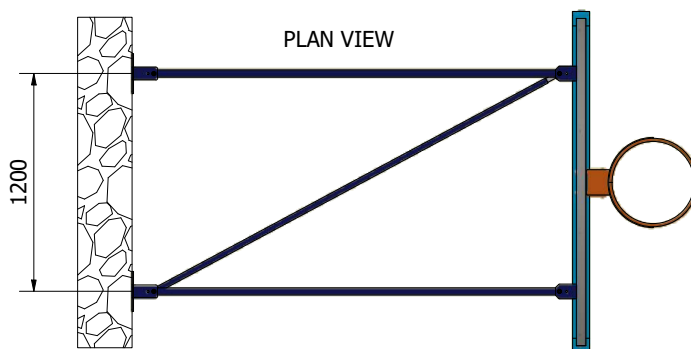
Set contains:

- 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.

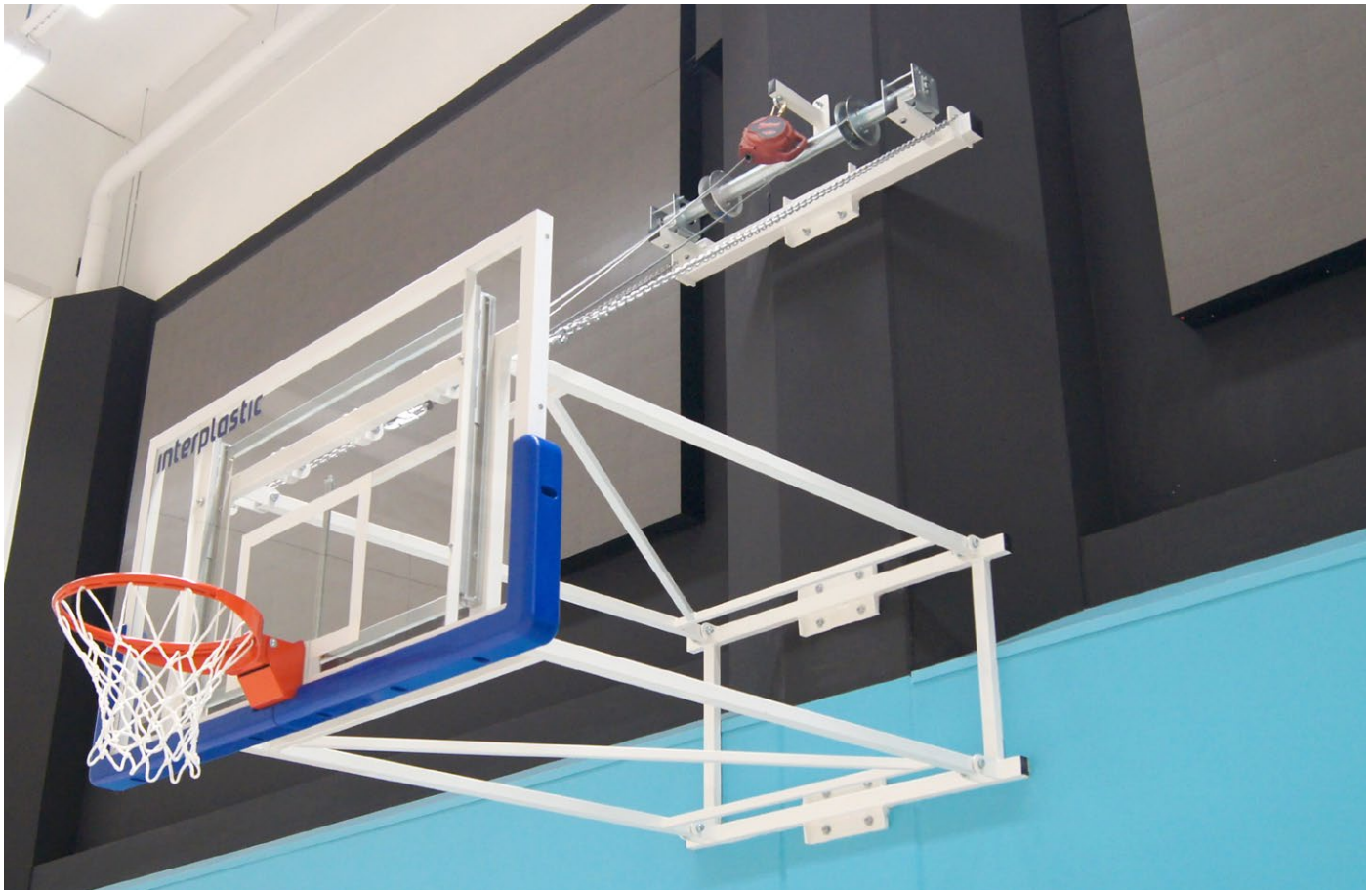
IMPORTANT NOTICE



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].

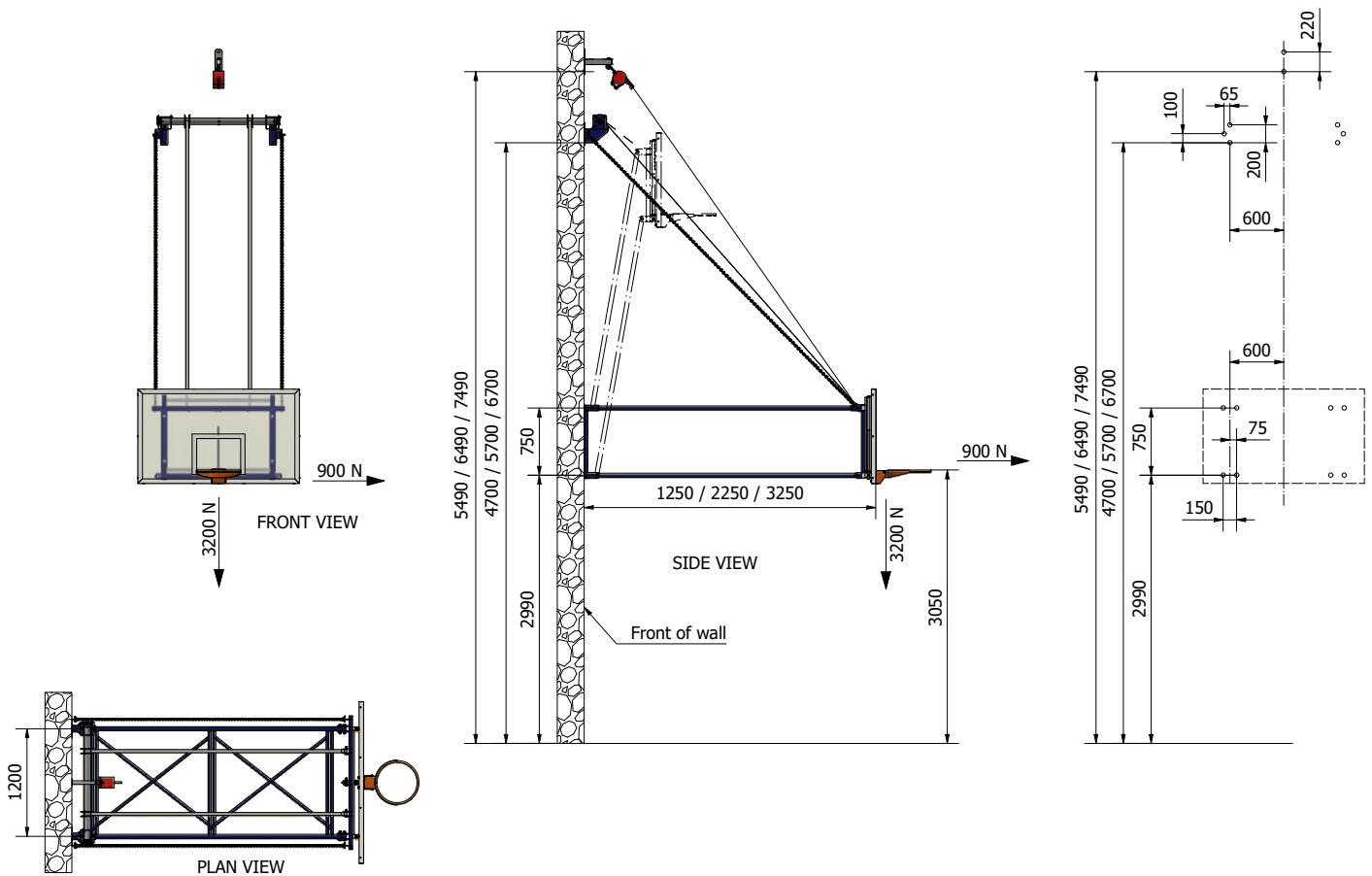
Installation: only on solid concrete walls. It is required to use adhesive anchors and threaded rods for the installation of engines', chains' and safety brake's brackets.

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:

Torque [Nm]	120
Speed [rpm]:	11
Supply voltage:	230V, AC 50 Hz
Connected load [W]:	435
Current [A]:	1,9
Operating temp.	-10°C to 40°C
Protection:	IP 44

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 required to install the structures on a solid, concrete wall or pillar using adhesive anchors with a high load capacity

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

Please contact us if you need a customized projection (within a range of 1,25 - 4,25 m)

BB102.06.14
BB102.05.03

Load arrestor [self-retracting safety device] 140 kg, galvanized wire 10 m
Surface mounted key switch ["Hold to Run"]

120x90 cm backboards' support structures



BB101.04

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

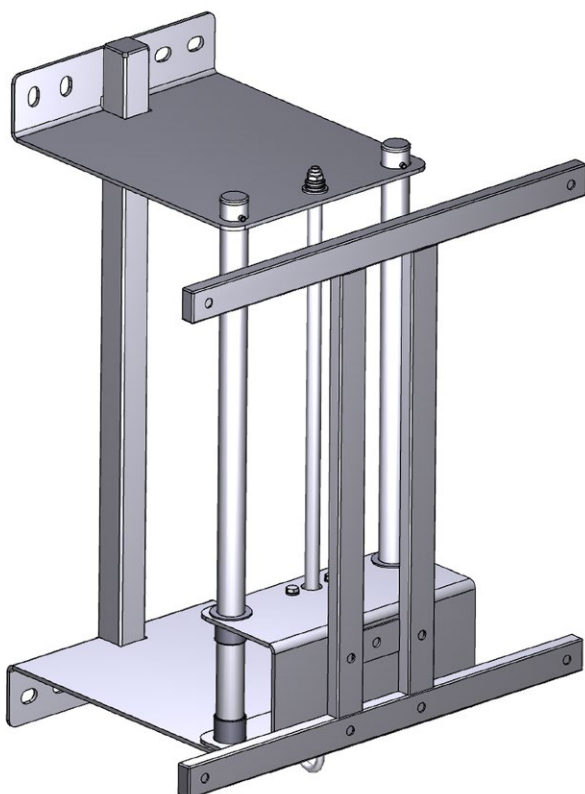
- Made of steel profiles
- Anti-corrosion treatment: powder coating
- Standard color: RAL 9003 (other upon request)
- Indoor use only
- Max. projection: 600 mm
- Made in compliance with EN 1270

BB101.04.03	Projection 300 mm
BB101.04.04	Projection 400 mm
BB101.04.05	Projection 500 mm
BB101.04.06	Projection 600 mm

Accessories:

120X90 CM MDF BACKBOARD
[w/o a support frame]
FIXED RING STD

BB101.05.05
BB102.01.03



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
BB101.05.04	Projection 400 mm
BB101.05.05	Projection 500 mm

Accessories:

120X90 CM MDF BACKBOARD
[w/o a support frame]
CRANK HANDLE
FIXED RING STD

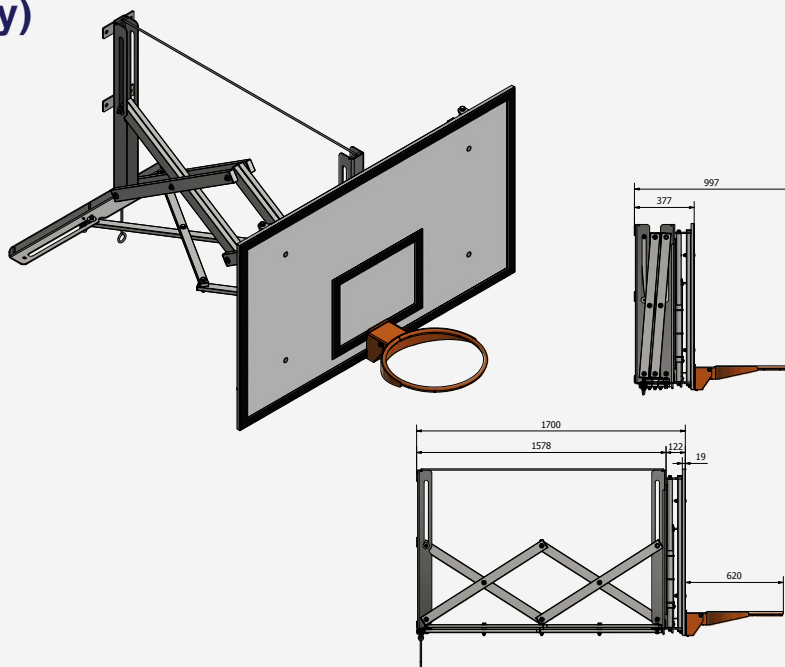
BB101.05.05
BB102.05.00
BB102.01.03



Scissor-type wall-mounted basketball construction (that can be retracted centrally)

Main features:

- Scissor-type wall-mounted basketball construction is a perfect solution for a sports hall with limited space to install a classic wall-mounted, side-folded basketball structure
- When folded, the centric basketball system takes no more than 100 cm of the depth (including a ring)
- Suitable for all 180x105 cm backboards (tempered glass, acrylic, MDF and GRP)
- With a possibility to install a manual or electrically operated height adjustment mechanism (sold separately)
- Backboards and crank handles are sold separately
- The standard solutions are available with a total projection of 170 cm or 225 cm. Other versions might be manufactured only upon request.




BB101.06.17	Projection 170 cm
BB101.06.22	Projection 225 cm

ADDITIONAL TIPS

Accessories, like backboards, height adjustment mechanisms, rings, nets, paddings or safety devices (load arrestors) are sold separately.

Please see pages 20-22 for further details or scan the code to choose the right accessories and download additional drawings, manuals etc.



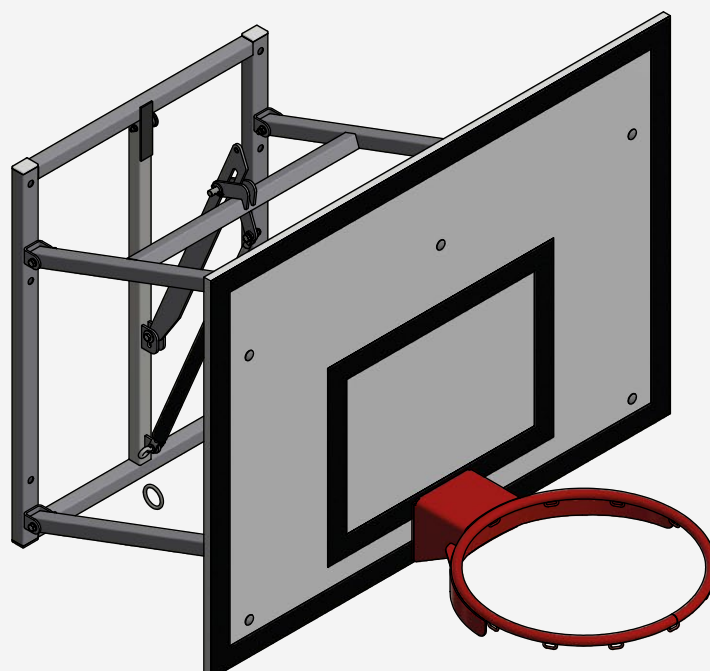
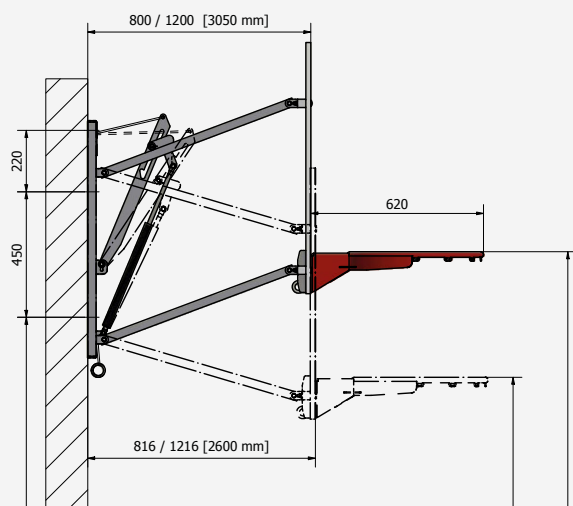
Gas-spring wall-mounted basketball construction

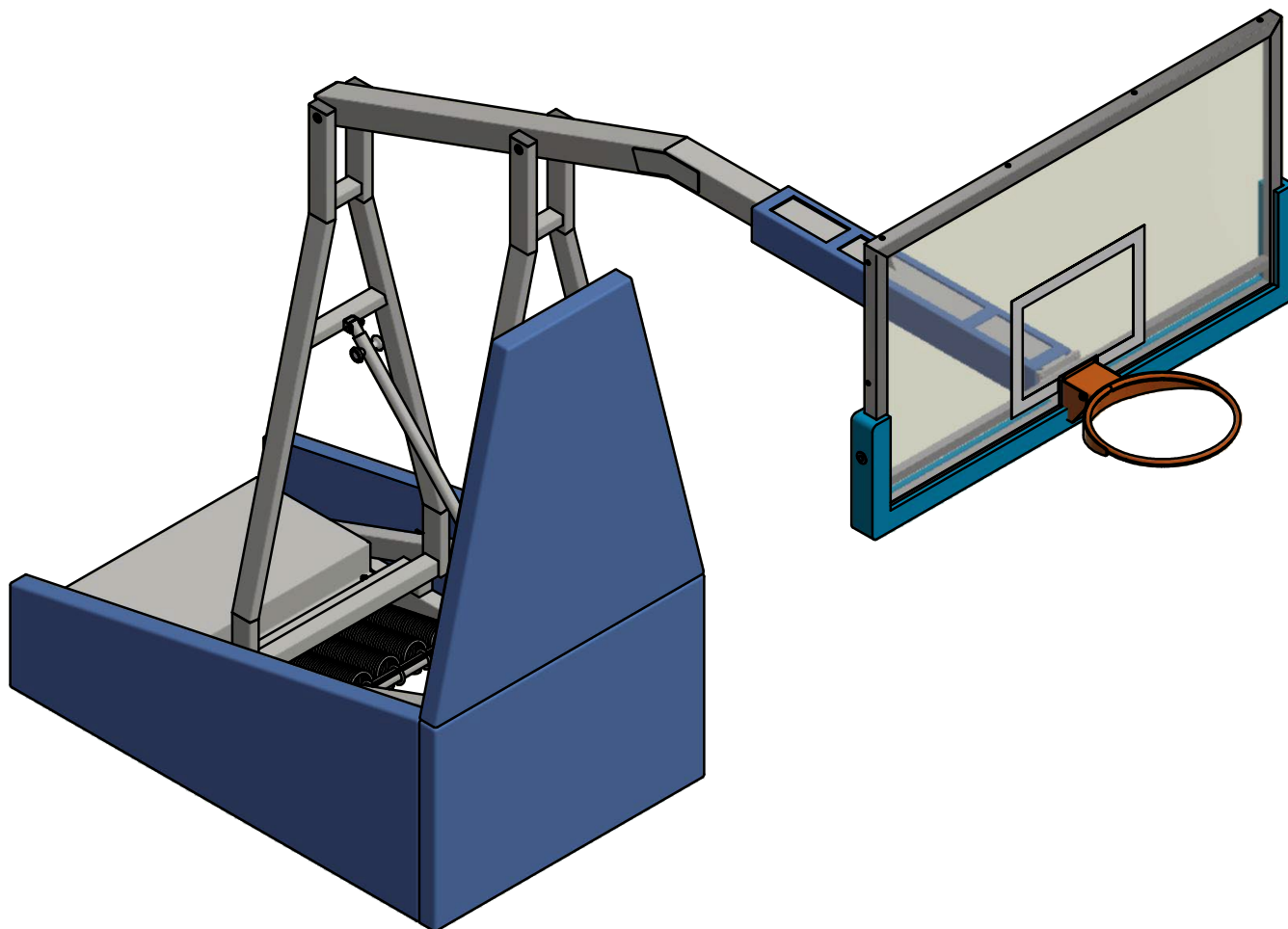
Main features:

- Gas-spring wall-mounted basketball construction is a perfect solution for a small gym or to use on a cross-courts on larger sport halls with a limited space
- Easy to deploy even for a one person
- Three position of the unit are available: folded, 260 and 305 cm
- Suitable for all 120x90 cm MDF backboards
- Backboards, rings and crank handles are sold separately
- The standard solution are available with a total projection of 80 or 120 cm.



BB101.06.12	Projection 80 cm
BB101.06.21	Projection 120 cm





Portable basketball type 1 class B in accordance with EN 1270 standard. Projection 2,25 m

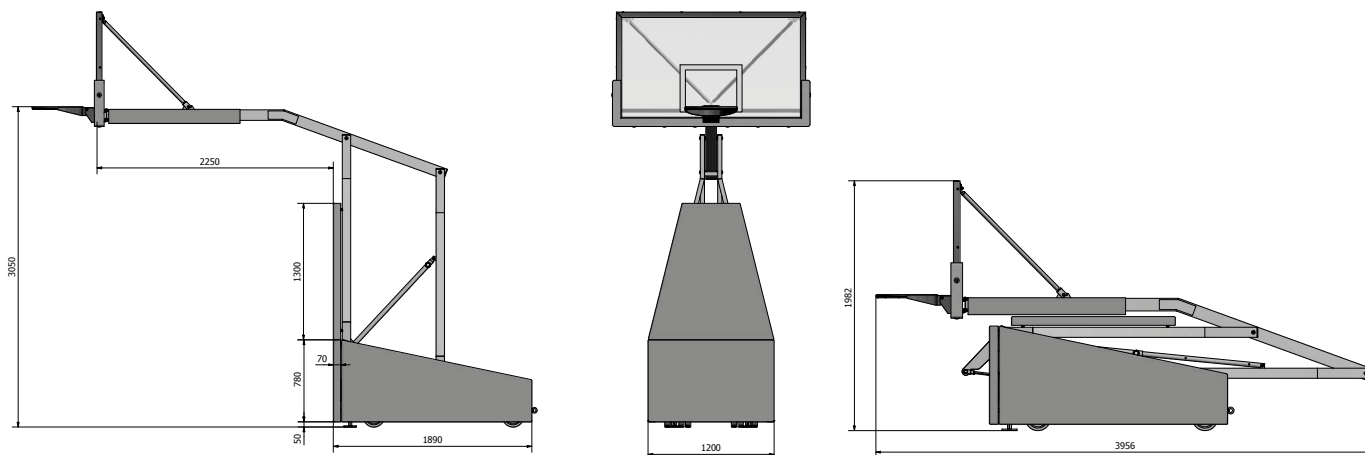
In standard the unit contains:

- acrylic backboard 1800x1050x12 mm on a support frame
- bottom edge safety padding
- professional dunk ring
- 5 mm thick PP basketball net
- construction padding (front, sided and "neck")
- rear anchor to be installed in a floor
- brass ring and cover for the anchor

Main features:

- steel, powder-coated construction
- three set-up positions: storage, 260 cm and 305 cm
- no hydraulic parts, no oil pumps – the unit is deployed with use of the energy from the springs
- projection: 225 cm
- includes 4 pairs of castors (2 pairs fixed and 2 pairs swivel)

Dimensions in "play" and positions:



Portable basketball type 1 class E in accordance with EN 1270 standard.

In standard the unit contains:

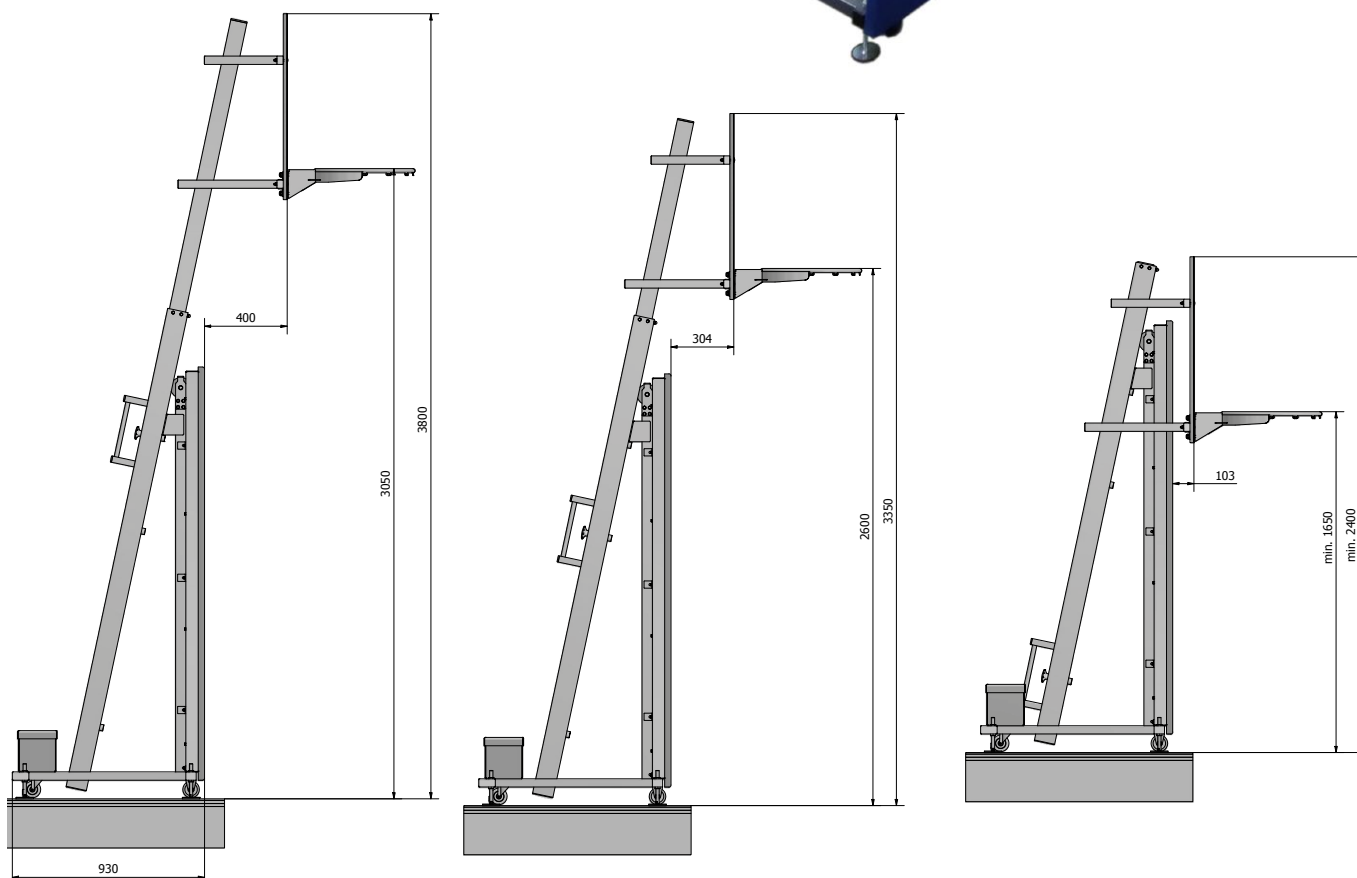
- MDF backboard 1200x900x20 mm
- fixed ring
- 5 mm thick PP basketball net
- construction padding (front)
- rear anchor to be installed in a floor
- brass ring and cover for the anchor

Main features:

- steel, powder-coated and zinc-galvanized construction
- three set-up positions: storage, 260 cm and 305 cm
- no hydraulic parts, no oil pumps
- the height of a ring is set up with use of a counterweight which makes it superb easy



Dimensions in “play” and storage positions:



BASKETBALL - ACCESSORIES

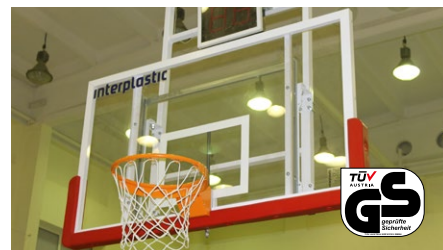
BACKBOARDS

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.

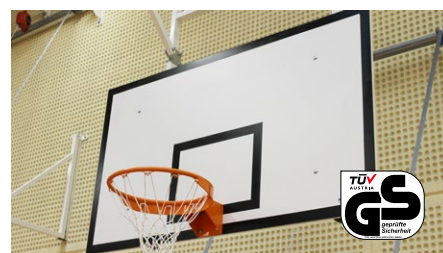


BASKETBALL BACKBOARD MADE OF MDF (WITH A SUPPORT FRAME)

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.

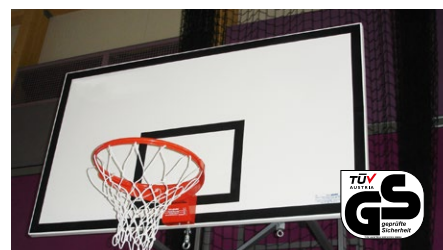


LAMINATED FIBREGLASS BACKBOARD ON A SUPPORT FRAME 180X105 CM

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.



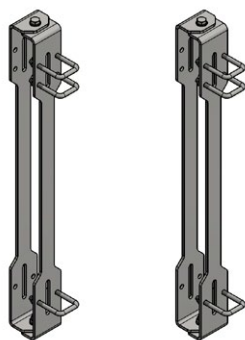
BACKBOARDS WITHOUT A SUPPORT FRAME

Size	Type	Product code
180x105 cm	Tempered glass	BB102.02.11
180x105 cm	Acrylic	BB102.02.12
180x105 cm	GRP (laminated fibreglass)	BB102.02.14
180x105 cm	MDF	BB102.02.06
120x80 cm	Acrylic	BB102.02.13
120x80 cm	GRP (laminated fibreglass)	BB102.02.09
120x80 cm	MDF	BB102.02.07

BASKETBALL BOARD HOLDER FOR CEILING SUSPENDED BASKETBALL CONSTRUCTION WITH HEIGHT ADJUSTMENT MECHANISM

BB101.01.07

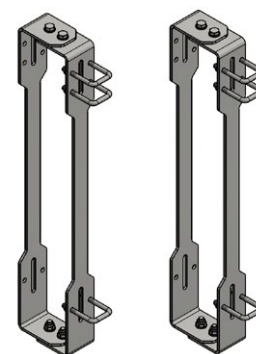
Set of two pairs of holders for one basketball backboard. Made of steel, powder-coated in a colour adequate with the colour of the construction. Depth 78 mm.



BASKETBALL BOARD HOLDER FOR CEILING SUSPENDED BASKETBALL CONSTRUCTION WITHOUT HEIGHT ADJUSTMENT MECHANISM

BB101.01.15

Set of two pairs of holders for one basketball backboard. Made of steel, powder-coated in a colour adequate with the colour of the construction. Depth 150 mm.



HEIGHT ADJUSTMENT MECHANISM (MANUAL) FOR 180X105 CM MDF BACKBOARDS

BB102.05.21

Manual ring's/backboard's height adjustment mechanism for 180x105 cm MDF/GRP/ACRYLIC basketball backboards without a support frame. Made of steel, powder-coated in a colour adequate the colour of the support structure. Spacing of holes: 1200x600 mm as per DIN 7899. Crank handle sold separately.



HEIGHT ADJUSTMENT MECHANISM (MANUAL) FOR 180X105 CM ACRYLIC/GLASS/GRP BACKBOARDS

BB102.05.12

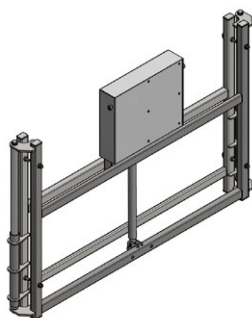
Manual ring's/backboard's height adjustment mechanism for 180x105 cm acrylic/tempered glass basketball backboards with a support frame. Made of steel, zinc-galvanized. Spacing of holes: 1200x600 mm as per DIN 7899. Crank handle sold separately.



HEIGHT ADJUSTMENT MECHANISM (ELECTRIC) FOR 180X105 CM ACRYLIC/GLASS/GRP BACKBOARDS

BB102.05.20

Electrical (motorised) ring's/backboard's height adjustment mechanism for 180x105 cm acrylic/tempered glass/GRP [laminated fibreglass] basketball backboards with a support frame. Made of steel, powder-coated in a colour adequate the colour of the support structure. Spacing of holes: 1200x600 mm as per DIN 7899.



HEIGHT ADJUSTMENT MECHANISM (MANUAL) FOR 120X90 CM ACRYLIC/GRP BACKBOARDS

BB102.05.13

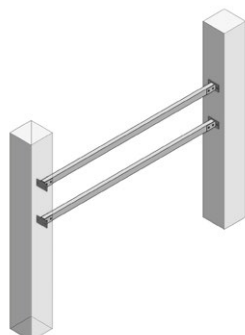
Manual ring's/backboard's height adjustment mechanism for 120x90 cm acrylic/tempered glass/GRP [laminated fibreglass] basketball backboards with a support frame. Made of steel, zinc-galvanized. Spacing of holes: 1030x600 mm. Crank handle sold separately.



AUXILIARY STRUCTURES FOR SIDE-FOLDABLE BASKETBALL CONSTRUCTIONS

Made-to-measure substructure - set of two support beams 120x80x3 mm with fastening material allowing to fix a construction i.e. between pillars:

- for a distance between columns below 6000 mm: **BB101.03.97**
- for a distance between columns above 6000 mm: **BB101.03.98**



Made-to-measure substructure allowing to fix it on a balcony, pillar etc.

BB101.03.99



BASKETBALL - ACCESSORIES

RINGS AND NETS

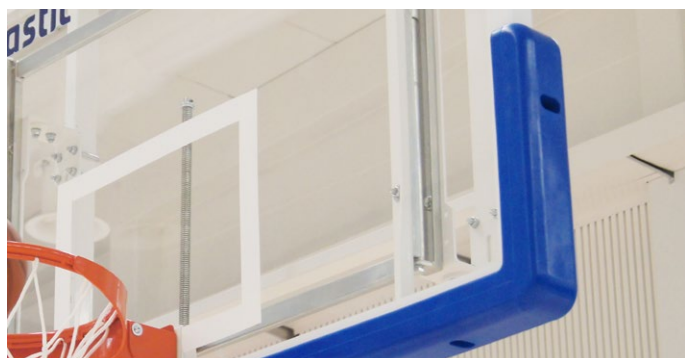
DUNK RING PRO BB102.01.01

Professional dunk ring. Made of steel, in accordance to EN 1270. Colour 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.



CRANK HANDLE BB102.05.00

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



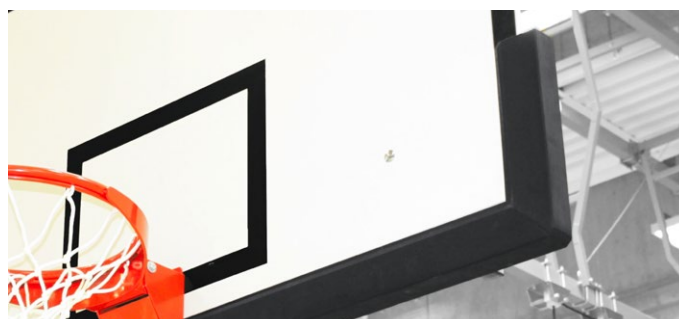
BACKBOARD EDGE PADDING PRO 180x105 cm **BB102.03.18**
120x90 cm **BB102.03.12**
Bolt-On Backboard Edge Padding made of polyurethane foam. Available in black, red and blue.



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.



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.



BACKBOARD EDGE PADDING STD FOR MDF BACKBOARD 180X105 CM
BB102.03.81
EVA-foam padding for 20 mm thick MDF backboards. Available in black colour.



BASKETBALL NET **BB102.04.01**
PP 5 mm **BB102.04.06**
PES 6 mm
Basketball net with 12 points of attachment. Colour white.

FIXED RING BASIC BB102.01.04

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



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.





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



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](#)



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](#)

VOLLEYBALL - UPRIGHTS



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.

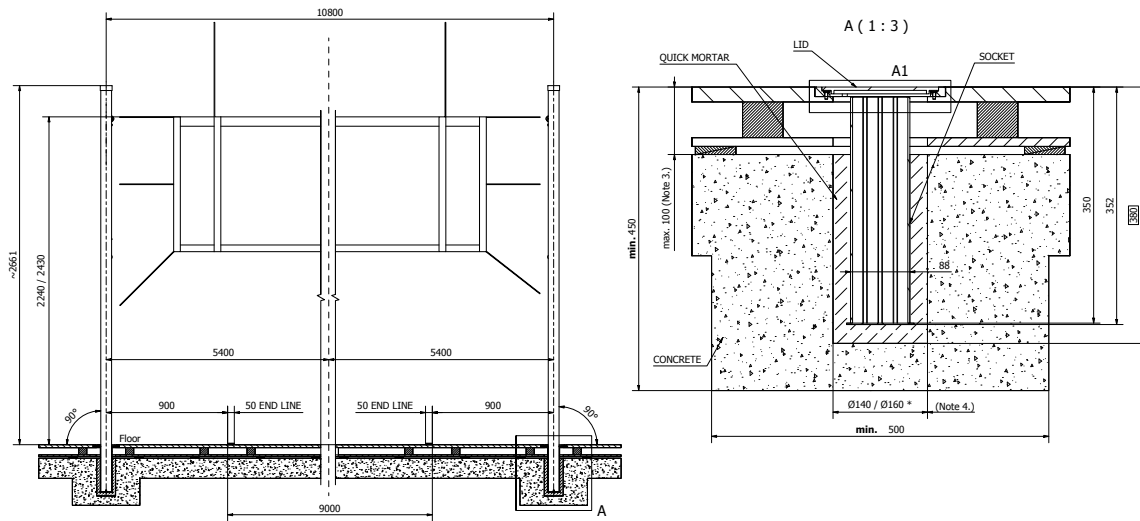
Sockets and nets sold separately.



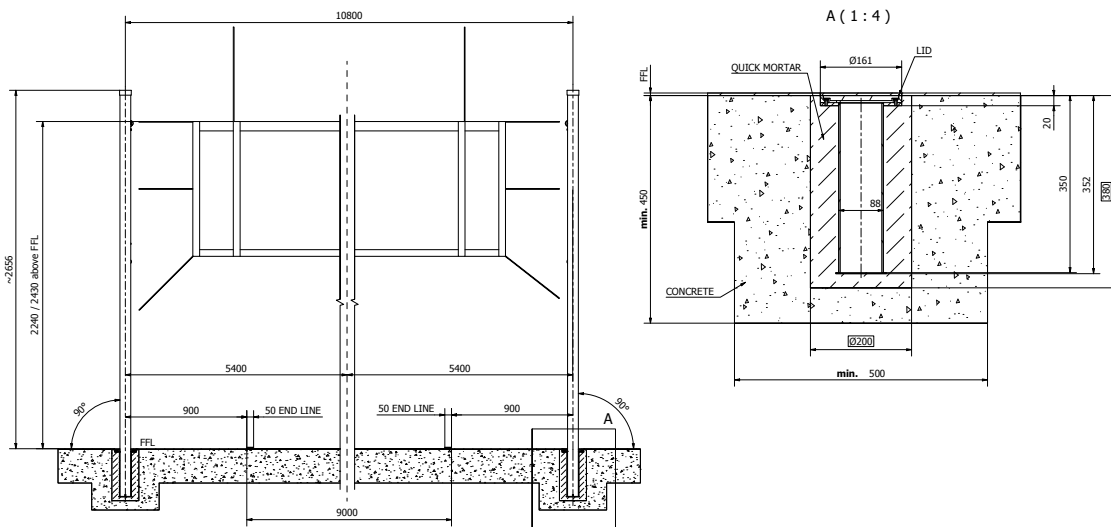
VB202.03.02	Foldable referee's stand. Made of steel, powder coated. 3 heights of platform, equipped with wheels.
VB202.05	Substitution paddles in a box. Material: plastic, colour: white. Number of paddles in set: 20, 22, 24 or 26.
VB202.01.02	Professional protecting pads for volleyball uprights. PE foam 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

80x80 mm aluminum uprights - installation

SUSPENDED FLOORS (on a wooden sub structure)



NON-SUSPENDED FLOORS (installed directly on a concrete sub-base)



Complimentary products:



VB203.03.01

Stainless steel socket for 80x80 mm profile - indoor use, for suspended sports floors, depth 300 mm.



VB203.03.02

Aluminum socket for 80x80 mm profile - indoor use, for suspended floors, depth: 335 mm



VB203.13.01

Steel socket [galvanized] for 80x80 mm profile indoor, for non-suspended sports floors [with a welded collar and a brass ring 161 mm + cover 149 mm]. Depth: 350 mm.



VB202.16.49

Brass cover 149 mm

VB202.06.61

Brass ring 161 mm

VB202.16.73

Brass cover 173 mm

VB202.06.93

Brass ring 193 mm

VB202.26.93

Brass hinged ring

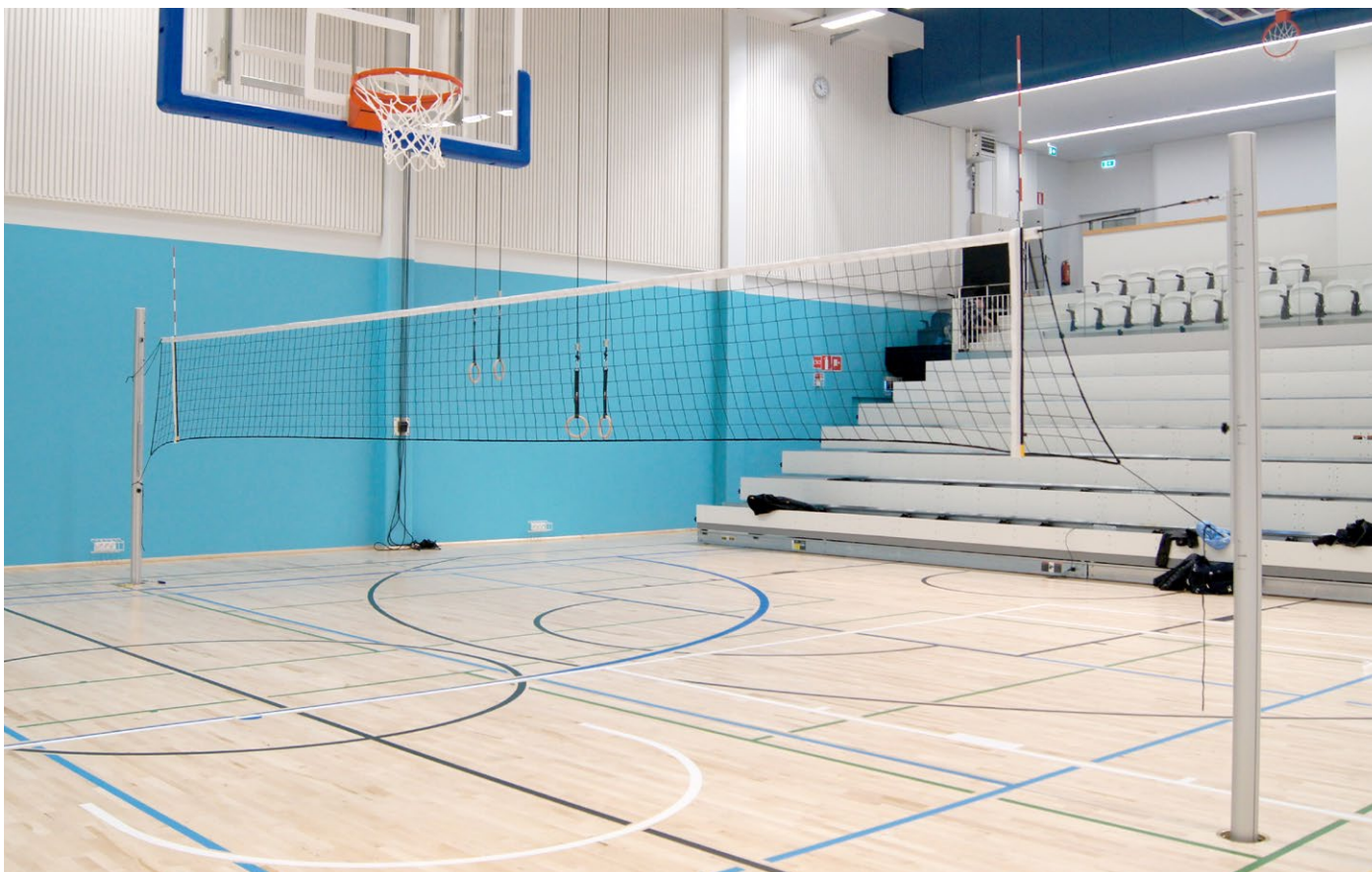
with cover 193 mm

VB202.26.61

Brass hinged ring

with cover 161 mm

VOLLEYBALL - UPRIGHTS



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

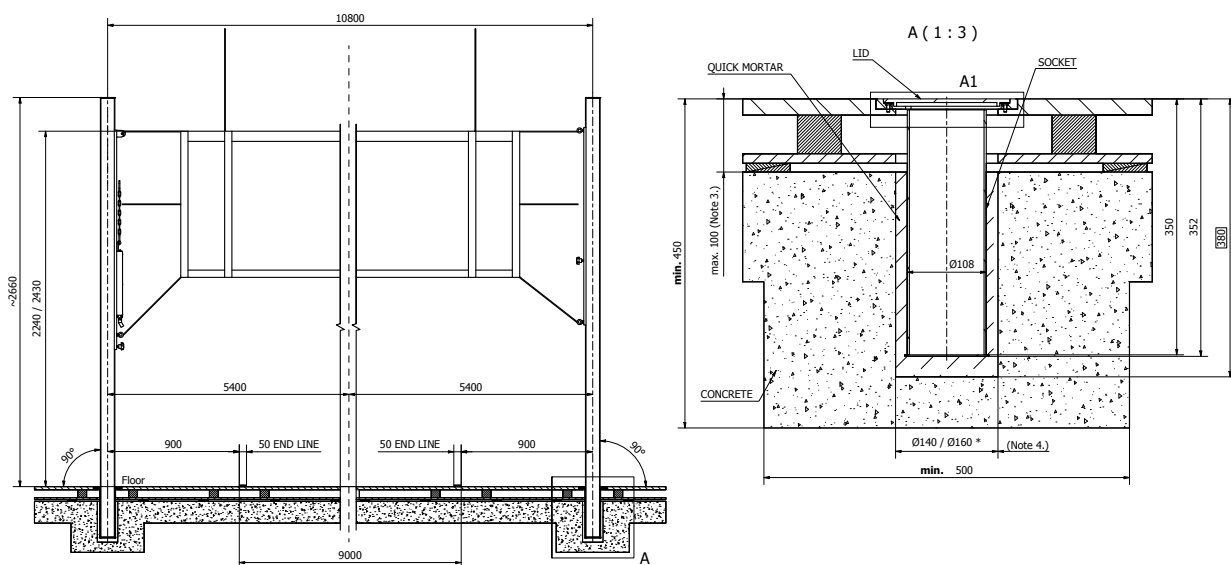
"C"-shaped profile [aluminum, 36x18 mm] specially designed for the tensioning apparatus and passive net attachments provides smooth adjustment of the net's height. This feature allows to use the upright also for playing badminton. Both tensioning apparatus and passive net attachments are locked with 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].



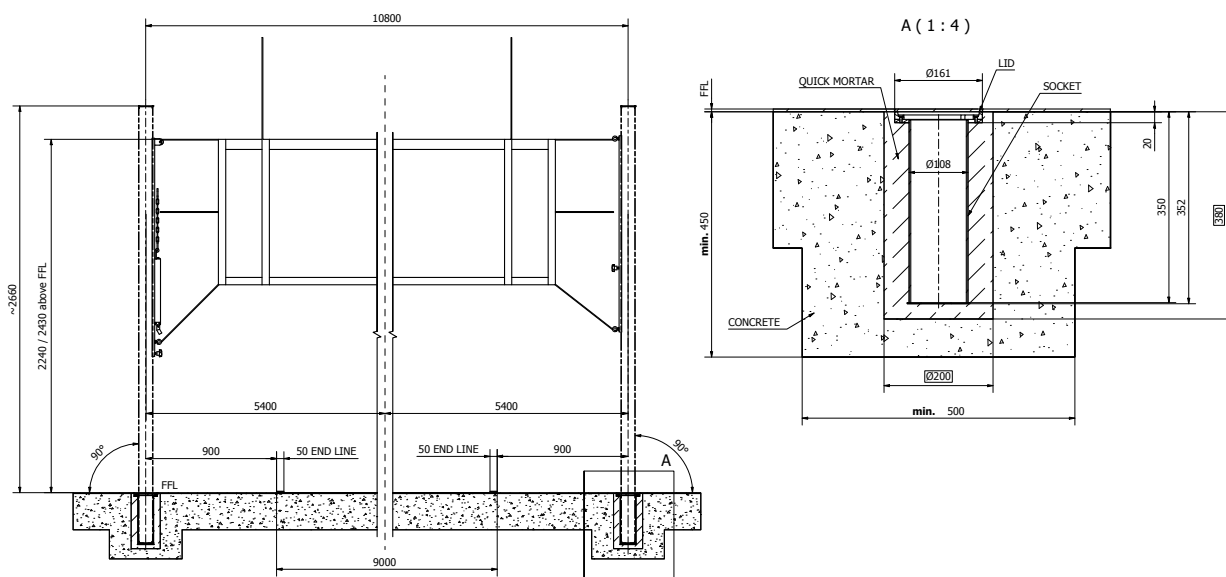
VB202.03.02	Foldable referee's stand. Made of steel, powder coated. 3 heights of platform, equipped with wheels.
VB202.05	Substitution paddles in a box. Material: plastic, colour: white. Number of paddles in set: 20, 22, 24 or 26.
VB202.01.02	Professional protecting pads for volleyball uprights. PE foam 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.
VB202.06.00	Antennae's with pockets included Rubber vacuum sucker [for pulling out the lid out of the frame]. Carrying capacity: ~15 kg vertically

100 mm aluminum uprights - installation

SUSPENDED FLOORS (on a wooden sub structure)



NON-SUSPENDED FLOORS (installed directly on a concrete sub-base)



Complimentary products:



VB203.04.01
Steel, galvanized socket for 100 mm profile - indoor use [for suspended floors]. Depth: 335 mm



VB203.03.02
Aluminum socket for 80x80 mm profile - indoor use, for suspended floors, depth: 335 mm



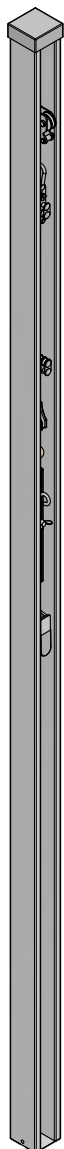
VB202.26.93 Brass hinged ring with cover 193 mm

VB202.26.61 Brass hinged ring with cover 161 mm



VB202.16.49 Brass cover 149 mm
VB202.06.61 Brass ring 161 mm
VB202.16.73 Brass cover 173 mm
VB202.06.93 Brass ring 193 mm

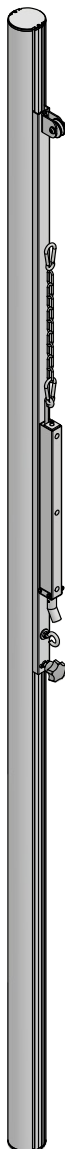
VOLLEYBALL - UPRIGHTS



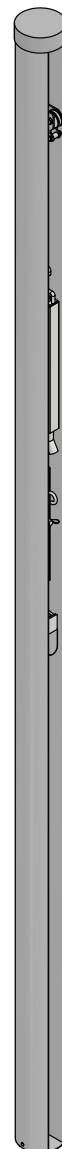
80x80 mm aluminum volleyball uprights type 1 class B with pulley-tensioning device



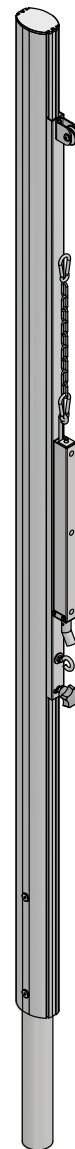
100 mm aluminum volleyball uprights type 1 class C with pulley-tensioning device



83 mm aluminum volleyball uprights type 1 class C with spindle-tensioning device



110 mm aluminum volleyball uprights type 1 class B with spindle-tensioning device



65 mm aluminum volleyball uprights type 1 class C with spindle-tensioning device

Complimentary products:

VB203.03.02

Aluminum socket for 80x80 mm profile - indoor use, for suspended floors, depth: 335 mm

VB203.04.01

Steel, galvanized socket for 100 mm profile - indoor use [for suspended floors]. Depth: 335 mm

VB203.06.01

Stainless steel socket for 83 mm profile - indoor use [for suspended floors]. Depth: 335 mm

VB203.07.01

Aluminum socket for 110 mm profile - indoor use [for suspended floors]. Depth: 335 mm

VB203.05.01

Steel, galvanized socket for 65 mm profile - indoor use [for suspended floors]. Depth: 335 mm

VB203.13.01

Steel socket [galvanized] for 80x80 mm profile indoor, for non-suspended sports floors [with a welded collar and a brass ring 161 mm + cover 149 mm]. Depth: 350 mm.

VB203.14.01

Steel socket [galvanized] for 100 mm profile - indoor use, for non-suspended sports floors [with a welded collar and a brass ring 161 mm + cover 149 mm]. Depth: 350 mm.

VB203.16.01

Steel socket [galvanized] for 83 mm profile - indoor use, for non-suspended sports floors [with a welded collar and a brass ring 161 mm + cover 149 mm]. Depth: 350 mm.

VB203.17.01

Aluminum socket for 110 mm profile - indoor use, for non-suspended sports floors [with a welded collar and a brass ring 161 mm + cover 149 mm]. Depth: 350 mm.

VB203.15.01

Steel socket [galvanized] for 65 mm profile - indoor use, for non-suspended sports floors [with a welded collar and a brass ring 161 mm + cover 149 mm]. Depth: 350 mm.

VOLLEYBALL - ACCESSORIES



VB201.06.15

Rubber suction cup, capacity approx. 15 kg



VB201.06.30

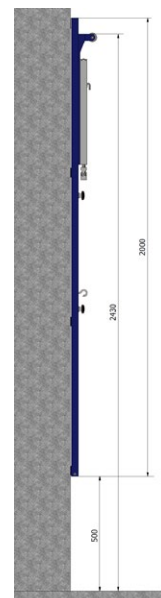
Vacuum sucker, capacity approx. 30 kg



Wall mounted rail with net attachments.



Wall mounted rail with tensioning apparatus.



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

FOLDABLE REFEREE'S STAND

Description:

- Made of steel, protected against corrosion by powder-coating
- Anti-slip platform made of rifflid 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

Indoor

Outdoor

Color [RAL]

Red [3020]

Yellow [1021]

Code

VB202.03.02

VB202.03.03



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



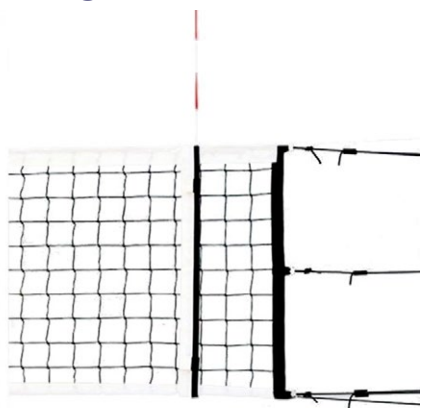
STANDARD VOLLEYBALL UPRIGHTS PROTECTING PADS

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

VOLLEYBALL – ACCESSORIES

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



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



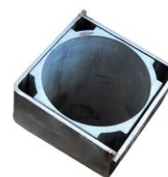
Aluminum adaptor

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.



SE902.02.01

Wall storage device for 2 uprights, galvanized. Assembly screws in a set.



SE902.02.02

Wall storage device for 4 uprights, galvanized. Assembly screws in a set.



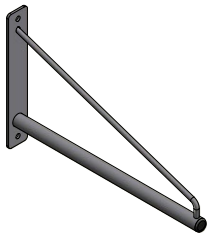
SE902.02.03

Wall storage device for 6 uprights, galvanized. Assembly screws in a set.



SE902.02.04

Wall storage device for 8 uprights, galvanized. Assembly screws in a set.

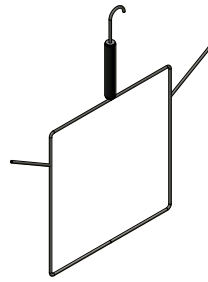


Wall console for storing nets hangers

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

Capacity: 6-8 hangers.

SE902.03



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



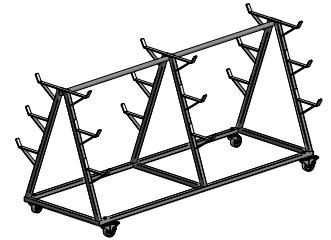
Transport and storage trolley for 1 pair of volleyball posts.

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



Transport and storage trolley for 3 pairs of volleyball posts.

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

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**

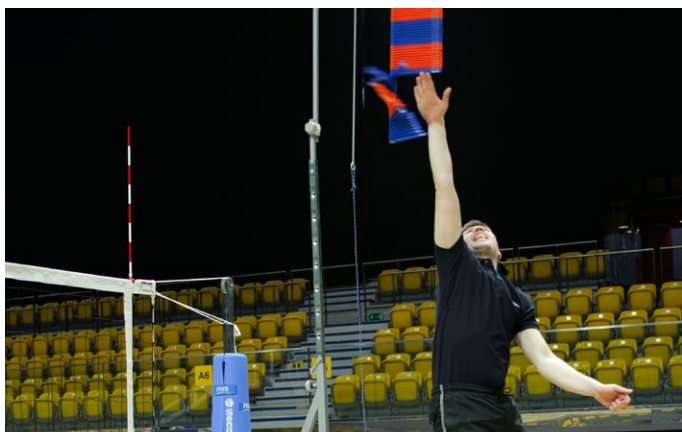
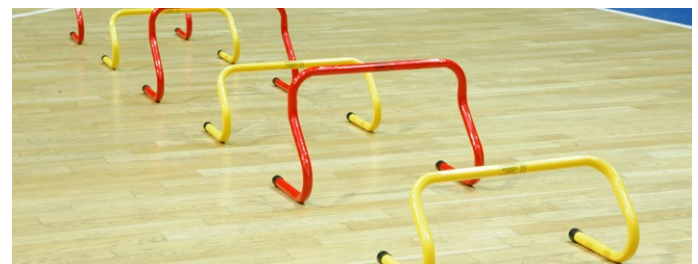
37 cm **GM710.05.37**

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

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 aluminum 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

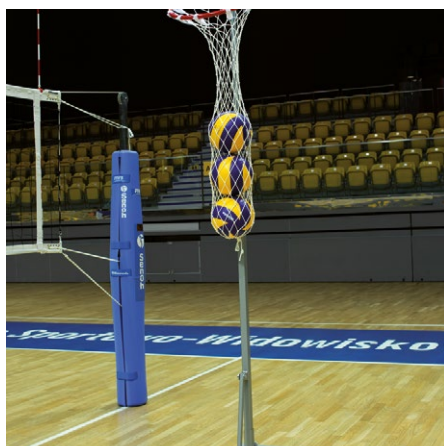
VB205.06



Freestanding block trainer

Block trainer is a device is 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.

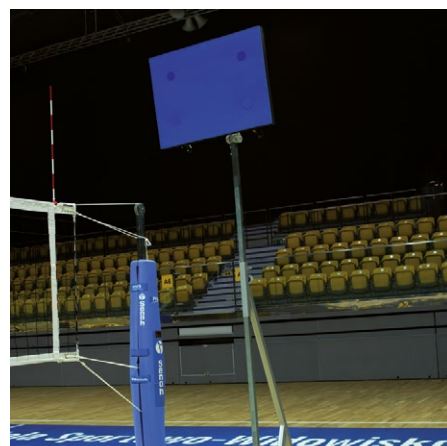
VB205.07



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 (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

- Item**
- 3x2 m IHF approved handball goal type 2 STD
 - 3x2 m IHF approved handball goal type 2 BOX
 - 3x2 m IHF approved handball goal type 1 STD
 - 3x2 m IHF approved handball goal type 1 BOX

- Product code**
- HB300.02.01
 - HB300.02.02
 - HB300.01.01
 - HB300.01.02

Counterweight plates (set of 2, for one goal)
HB307.03



ADDITIONAL TIPS



Scan code and go check our online catalogue to see more info, prices, photos, or to download product cards and assembly manuals.



PRO HANDBALL GOALS

Available in standard and box version



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

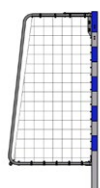
Weight:	44 kg
Dimensions:	Front frame: 300x200 cm
Net support:	80/100 cm
Type [EN 749]:	2
Material (front):	Aluminium
Material (net support):	Steel
Number of anchors:	4
Designed for:	Indoor use
Standard:	EN 749:2006

Item

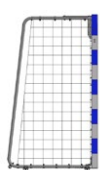
- 3x2 m PRO handball goal type 1 STD
- 3x2 m PRO handball goal type 1 BOX
- 3x2 m PRO handball goal type 2 STD
- 3x2 m PRO handball goal type 2 BOX

Product code

- [HB301.01.01](#)
- [HB301.01.02](#)
- [HB301.02.01](#)
- [HB301.02.02](#)



Goal type 1



Goal type 2



Ground sleeve
[VB203.03.02](#)



Brass ring + cover

- [VB202.16.73](#) Brass cover 173 mm
- [VB202.06.93](#) Brass ring 193 mm

Additional crossbar
[HB307.02.30](#)



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.

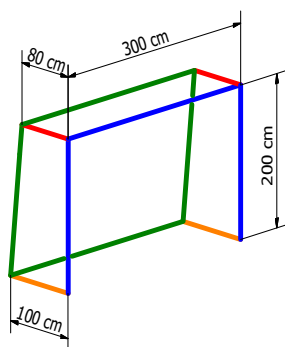
Set contains:

- 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 arrestor [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:

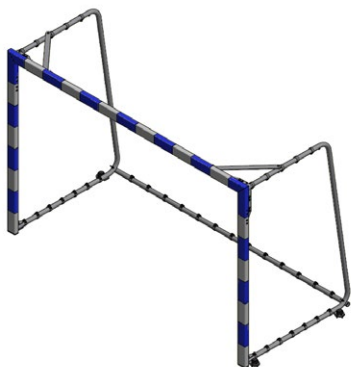
5x1,5 mm²

HANDBALL – GOALS AND NETS

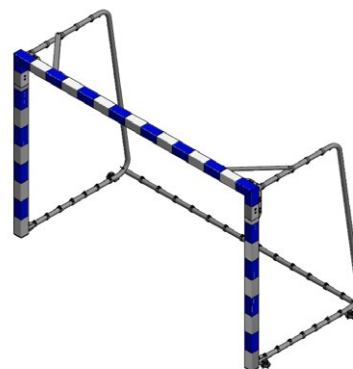
MINI-HANDBALL GOALS 2,4X1,6 M

Available in PRO and BASIC

2,4×1,6 m handball goals designed for youth training. Painted stripes in several color versions (no stickers) extends the product's life. No steel hooks used (for maximum safety). The net is attached to the frame with plastic hooks and hitches. Easy to remove and storage (no tools are needed to unscrew the goal from the surface and to fold its net support).



Product Code:	HB304.01
Material (front):	80×80 mm Aluminum
Material (back):	Steel S235
Frame size:	2,4×1,6 m
Depth (total):	80/100 cm
Weight:	40 kg
Type [EN 749]:	2
Standard:	EN 749:2006
Unit:	pcs



Product Code:	HB304.11
Material (front):	80×40 mm Aluminum
Material (back):	Steel S235
Frame size:	2,4×1,6 m
Depth (total):	80/100 cm
Weight:	36 kg
Type [EN 749]:	2
Standard:	EN 749:2006
Unit:	pcs

General data:

- Net support: steel, powder-coated (white RAL 9003) tubes
- Mounting system: with use of 4 safety (rubber) screws to pre-installed ground plates (all in the set)
- Total net support depth (top/bottom): 90/110 cm
- Corners reinforcement and struts: solid, laser cut and powder-coated steel
- Frame consist of 2 uprights and 1 crossbar (with welded corner), assembled together by a special aluminium connector
- Net (sold separately) is installed with the use of plastic hasps and hitches for maximum safety

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.

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

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

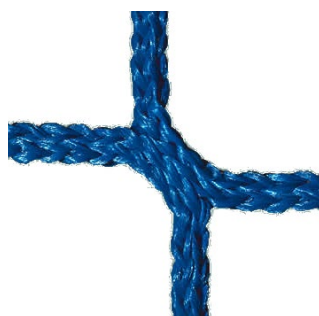
AVAILABLE COLOURS:



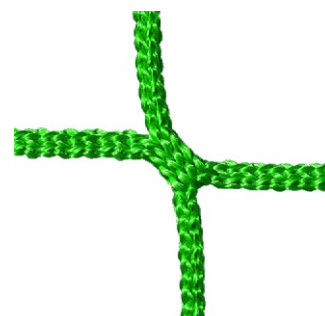
White



Black



Blue



Green

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



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

HB307.01



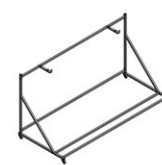
Transport/storage trolley for two handball goalposts (3x2 m) with foldable net supports. Total height (with two goals on the trolley): ~212 cm. Width: 71 cm. Made of steel, powder-coated in dark-aluminum color (RAL 9007). Equipped with 4 rubber, non-marking wheels (two fixed and two swivel castors with brakes). The trolley is delivered un-assembled.

HB307.11



Transport/storage trolley for two pairs of handball goals (3x2 m) with foldable net supports. Total height (with two goals on the trolley): ~229 cm. Width: 78 cm. Made of steel, powder-coated in dark-aluminum color (RAL 9007). Equipped with 4 rubber, non-marking wheels (two fixed and two swivel castors with brakes). The trolley is delivered un-assembled.

HB307.21



Transport/storage trolley for two handball goalposts (3x2 m). Total height (with two goals on the trolley): 195 cm. Width: 145 cm. Made of steel, powder-coated in dark-aluminum color (RAL 9007). Equipped with 4 rubber, non-marking wheels (two fixed and two swivel castors with brakes). This solution is recommended for sports halls with a storage room to which access leads through some wide but low doors. The trolley is delivered un-assembled.

HB307.31

NEW! NET HOOK TYPE "H"

Net holder type "H" is designed for attaching a net to a football or handball goalpost. Suitable for all kinds of nets (polyamide, polypropylene, nylon, polyethylene). Material: plastic (polyamide), UV and water-resistant. Prevents injuries and does not damage balls. Easy to replace (if stuck can be removed with an Allen key, size #5). This net hook is suitable for all standard INTERPLASTIC profiles used for handball and football goals. Meets the EN 913:2019-03 and EN 15312+A1:2010 standards (finger entrapment norms).

FB103.03



Additional crossbar for 3x2 m handball goal

Made of aluminium profile 80x80 mm, powder-coated in a colour adequate to the colour of the handball goal's frame. No tools are required to install in on a goal. Decreases the height of a handball goal to 1780 mm.

HB307.02.30

INDOOR FOOTBALL



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]

Nets sold separately

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)



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



FLOORBALL

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

TENNIS

TENNIS 80x80 mm aluminum posts

TN501.01

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



Aluminum socket for 80x80 mm profile - indoor use, for suspended floors, depth: 335 mm

VB203.03.02

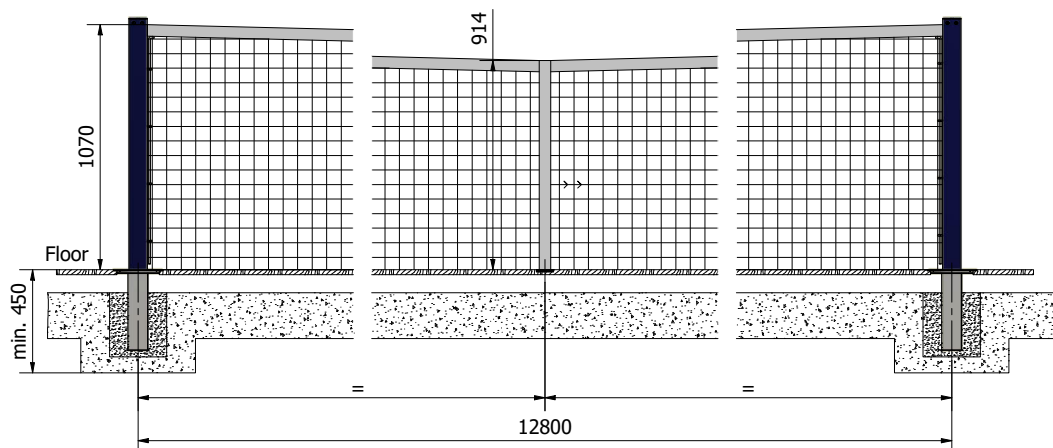


VB202.16.73 Brass cover 173 mm
VB202.06.93 Brass ring 193 mm



Steel socket [galvanized] for 80x80 mm profile indoor, for non-suspended sports floors [with a welded collar and a brass ring 161 mm + cover 149 mm]. Depth: 350 mm.

VB203.13.01



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

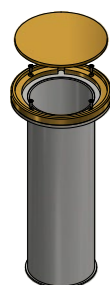
General data:

Height above the floor:	1070 mm
Length:	1400 mm
Diameter:	100 mm
Material:	Aluminium
Standard:	EN 1510:2006
Colour:	Silver [anodized alu]

Complimentary products:



Steel, galvanized socket for 100 mm profile - indoor use [for suspended floors]. Depth: 335 mm
VB203.04.01



Steel socket [galvanized] for 100 mm profile - indoor use, for non-suspended sports floors [with a welded collar and a brass ring 161 mm + cover 149 mm]. Depth: 350 mm.
VB203.14.01



VB202.26.93
Brass hinged ring with cover 193 mm

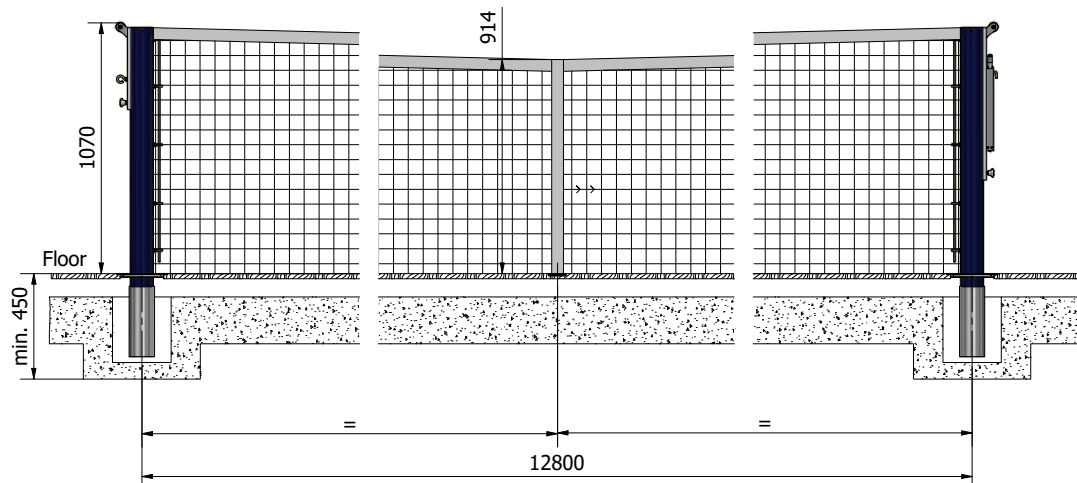
VB202.26.61
Brass hinged ring with cover 161 mm



VB201.06.15
Rubber suction cup, capacity approx. 15 kg



VB201.06.30
Vacuum sucker, capacity approx. 30 kg



TENNIS - ACCESSORIES



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



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



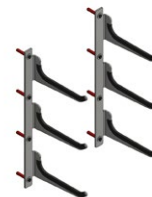
SE902.02.01

Wall storage device for 2 uprights, galvanized. Assembly screws in a set.



SE902.02.02

Wall storage device for 4 uprights, galvanized. Assembly screws in a set.



SE902.02.03

Wall storage device for 6 uprights, galvanized. Assembly screws in a set.

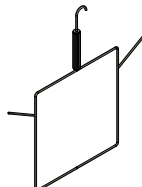


Wall console for storing nets hangers

Protected against corrosion by powder-coating in black [RAL 9005].

Capacity: 6-8 hangers.

SE902.03



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



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

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

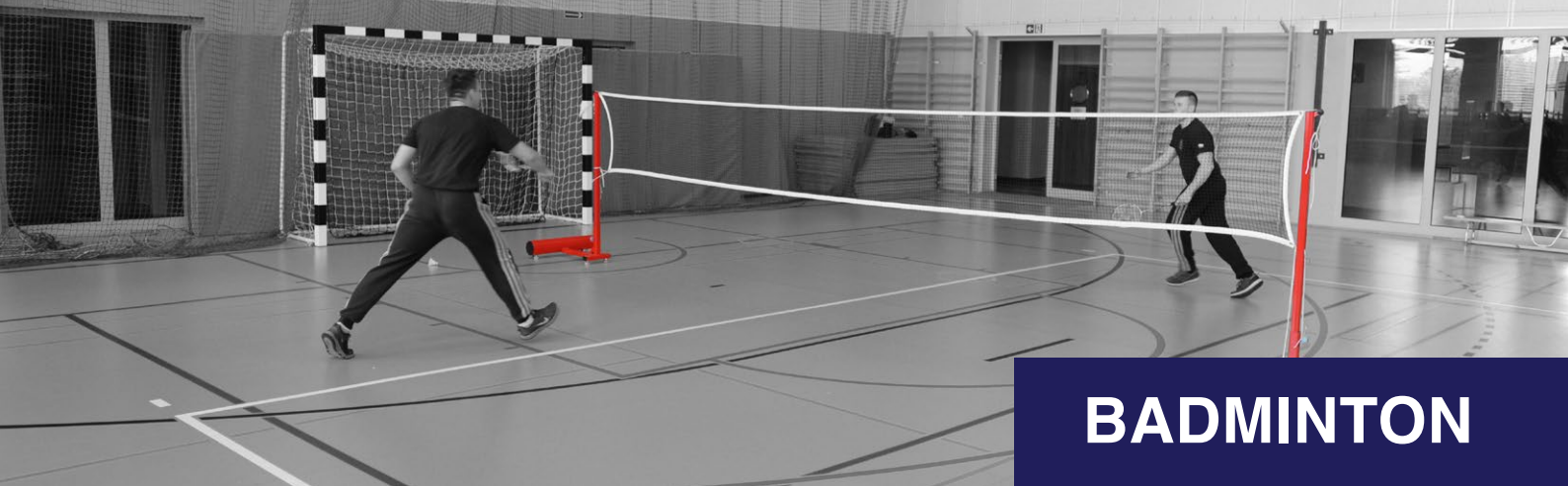
Type	Color	Material
Professional	Black	Polyethylene 3 mm, mesh 45x45 mm, with double rows
Training	Black	Polyethylene 3 mm, mesh 45x45 mm
School	Black	Polypropylene

Code

TN502.01

TN502.02

TN502.03



BADMINTON



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

BT401.01

- 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



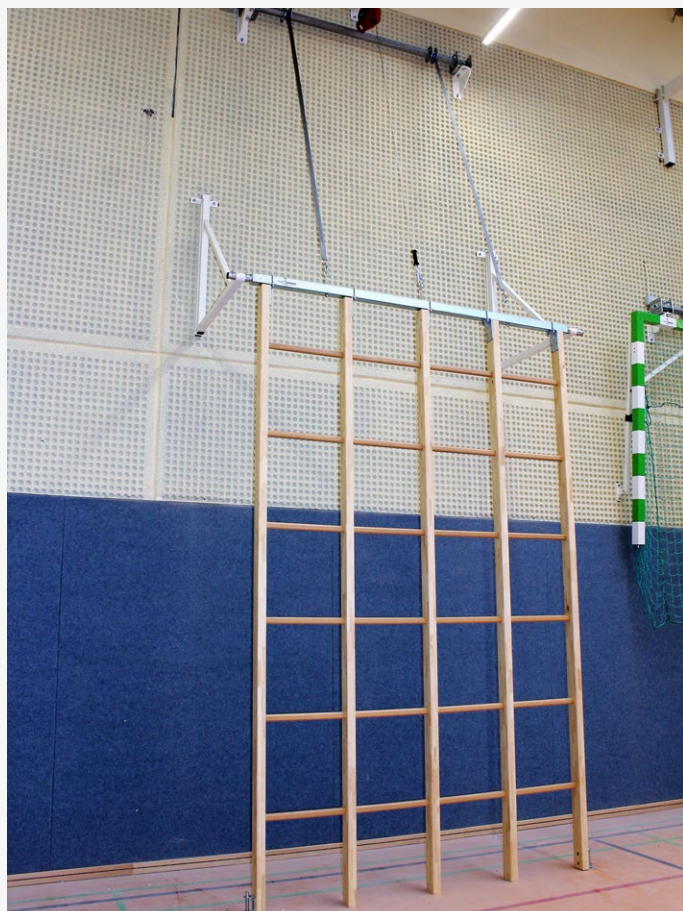
Brass ring 161 mm with hinged cover
VB202.26.61



GYMNASTICS

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).

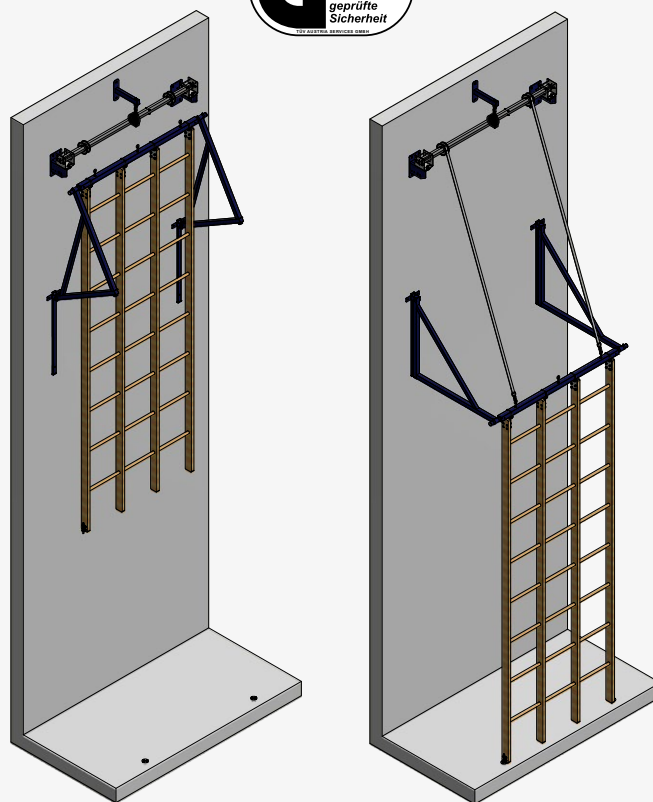
Set contains:

- 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

Custom made constr. [complete]
Custom made constr. [w/o the wood]

3x

[GM706.02.03](#)

[GM706.02.03](#)

4x

[GM706.02.04](#)

[GM706.02.04](#)

Standard constructions (complete) with a distance between the wall and the wood of:

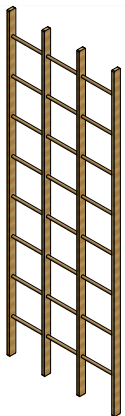
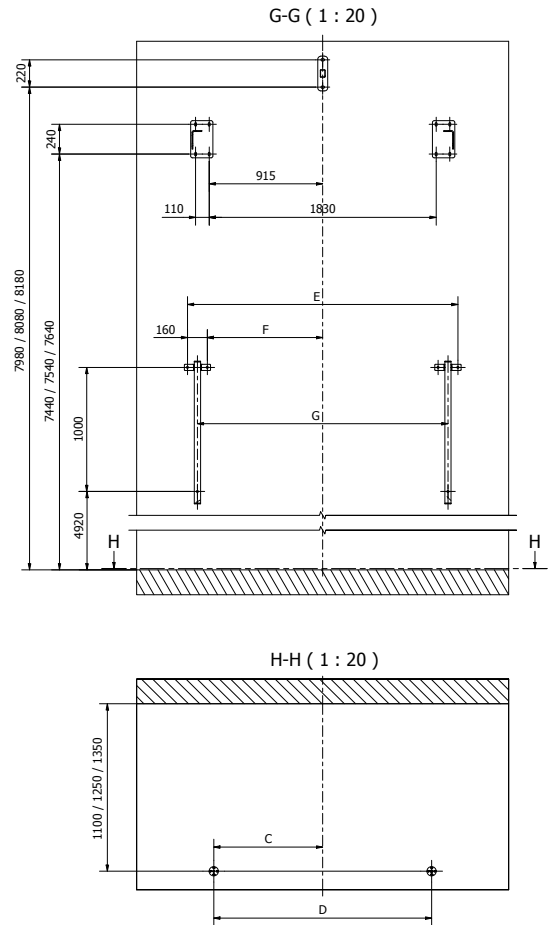
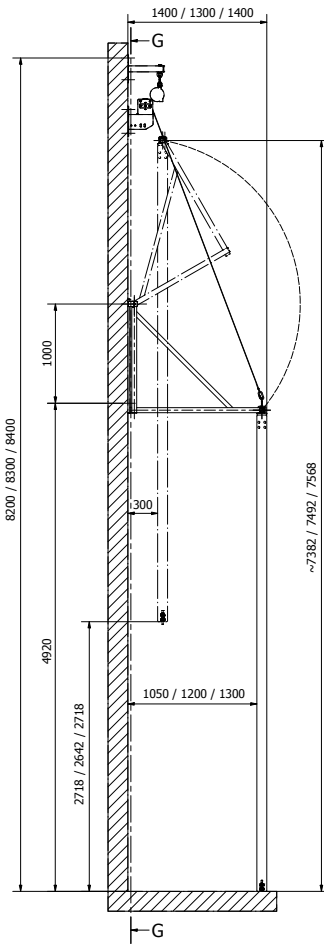
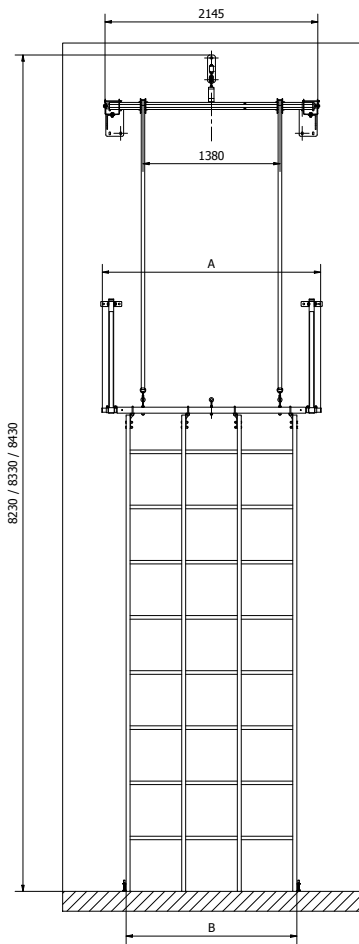
1050 mm
1200 mm
1300 mm

[GM706.02.03-105](#) [GM706.02.04-105](#)
[GM706.02.03-120](#) [GM706.02.04-120](#)
[GM706.02.03-130](#) [GM706.02.04-130](#)

Standard constructions (without the wood) with a distance between the wall and the wood of:

1050 mm
1200 mm
1300 mm

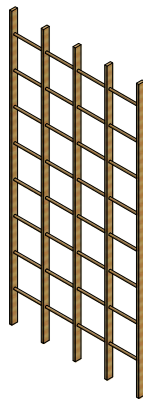
[GM706.02.13-105](#) [GM706.02.14-105](#)
[GM706.02.13-120](#) [GM706.02.14-120](#)
[GM706.02.13-130](#) [GM706.02.14-130](#)



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



Load arrester [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

Climbing frames

Number of fields	Dimensions [in mm]						
	A	B	C	D	E	F	G
3x	2200	1720	879	1757	2180	930	2020
4x	2700	2280	1159	2317	2680	1180	2520

IMPORTANT NOTICE

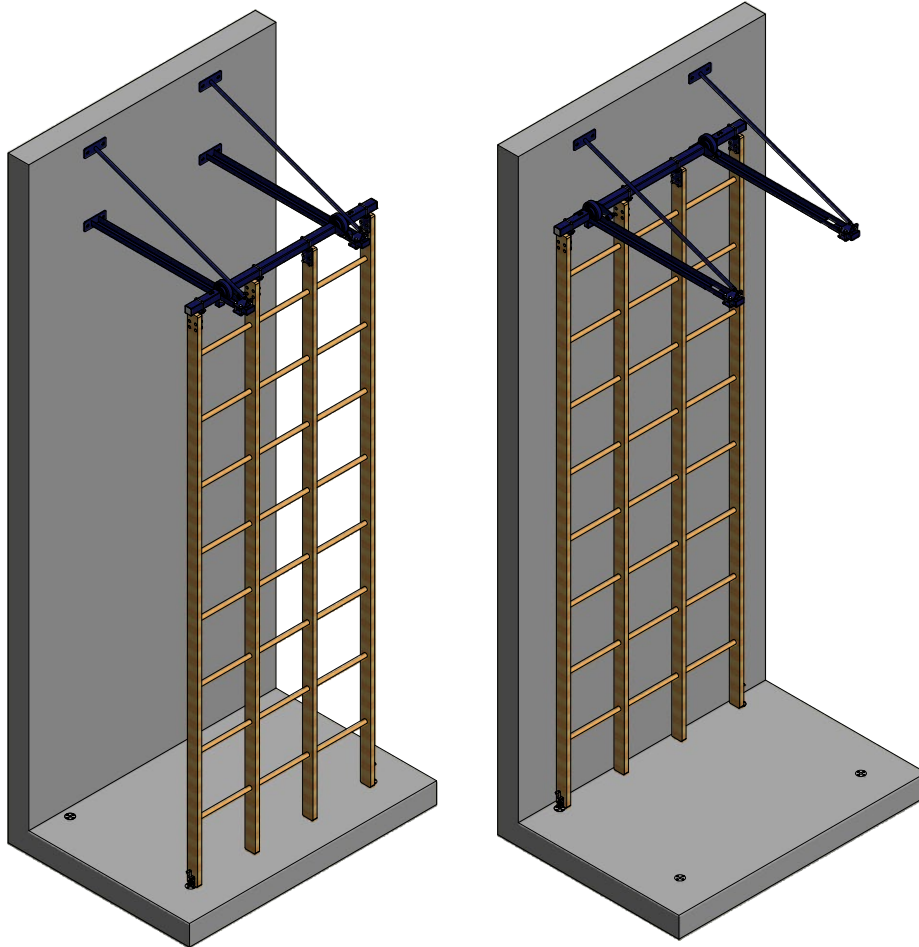


The minimum height of the room required to install a hoistable climbing frame is 8500 mm.

Power and steering supply lines for the motor:	230 V; 50 Hz, 310 W, 1,4 A
From mains to control panel:	3x1,5 mm ²
From control panel to motor:	5x1,5 mm ²

CLIMBING FRAMES ROLLABLE

GM706.01



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

Custom made constr.
[complete]
Custom made constr.
[w/o the wood]

3x

[GM706.01.03](#)

[GM706.01.03](#)

4x

[GM706.01.04](#)

[GM706.01.04](#)

Standard constructions [complete] with a distance between the wall and the wood of:

1200 mm

[GM706.01.03-120](#)

[GM706.01.04-120](#)

1350 mm

[GM706.01.03-135](#)

[GM706.01.04-135](#)

1450 mm

[GM706.01.03-145](#)

[GM706.01.04-145](#)

Standard constructions [without the wood] with a distance between the wall and the wood of:

1200 mm

[GM706.01.13-120](#)

[GM706.01.14-120](#)

1350 mm

[GM706.01.13-135](#)

[GM706.01.14-135](#)

1450 mm

[GM706.01.13-145](#)

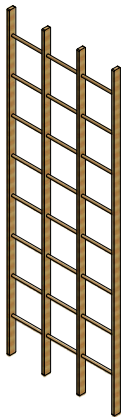
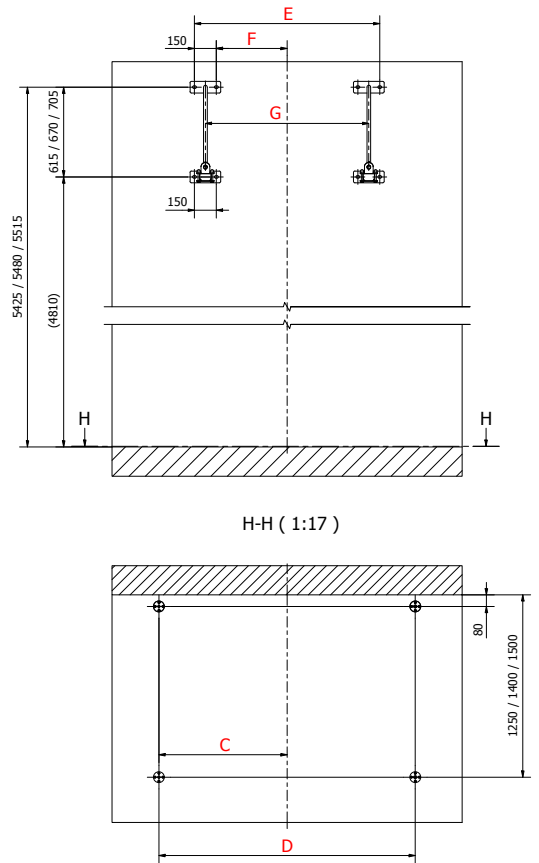
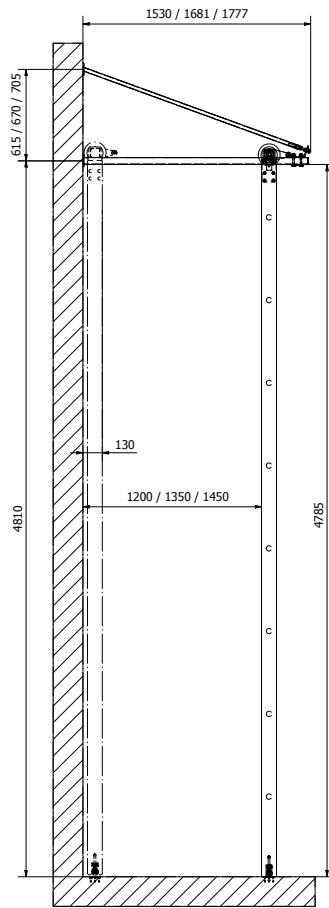
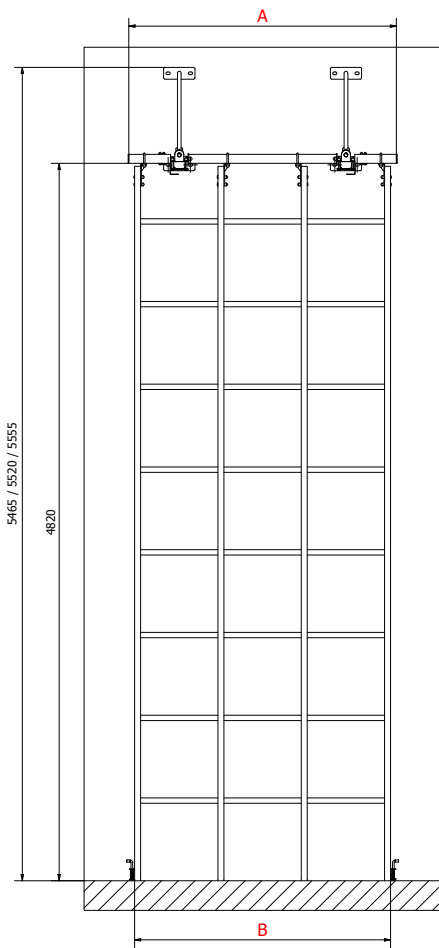
[GM706.01.14-145](#)

Custom-made substructure - set of two support beams 120x80x3 mm with fastening material for lattice ladder [rollable]. Distance between columns: >6000 mm.

[GM706.01.97](#)

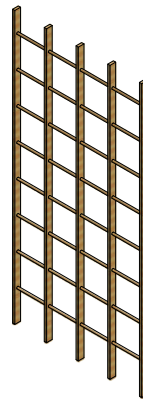
Custom-made substructure - set of two support beams 120x80x3 mm with fastening material for lattice ladder [rollable]. Distance between columns: <6000 mm.

[GM706.01.98](#)



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 frames

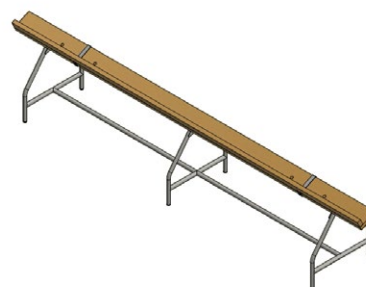
Number of fields	Dimensions [in mm]						
	A	B	C	D	E	F	G
3x	1798	1720	878,5	1757	1270	485	1120
4x	2358	2280	1158,5	2317	1830	765	1680

IMPORTANT NOTICE 

The minimum height of the room required to install a rollable climbing frame is 5700 mm.



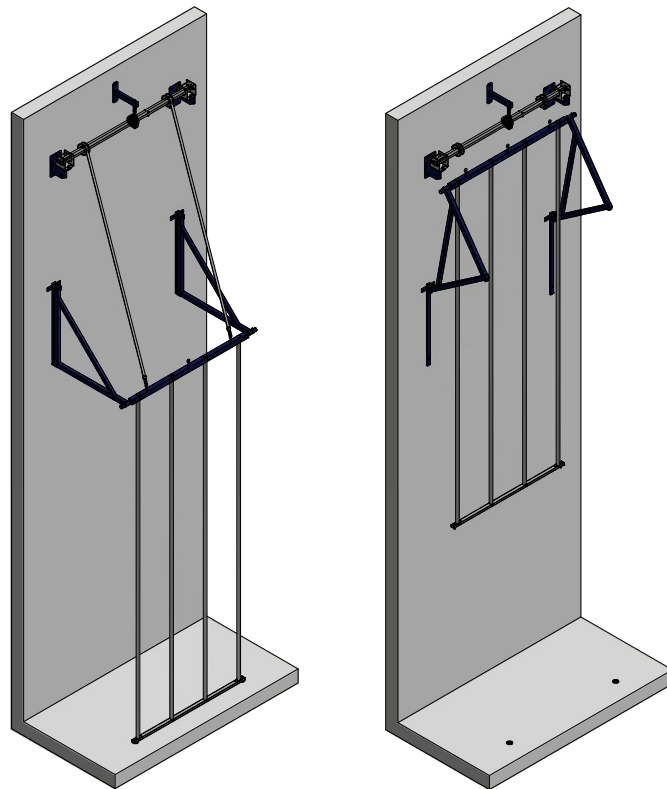
SUPPORT STAND FOR CLIMBING FRAME 3X
 Tubular steel structure with wooden rest for sloping the position of the climbing frame.
 Length: 1800 mm.
GM707.03.04



SUPPORT STAND FOR CLIMBING FRAME 4X
 Tubular steel structure with wooden rest for sloping the position of the climbing frame.
 Length: 2900 mm.
GM707.03.06

CLIMBING POLES Hoistable

GM707.02



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



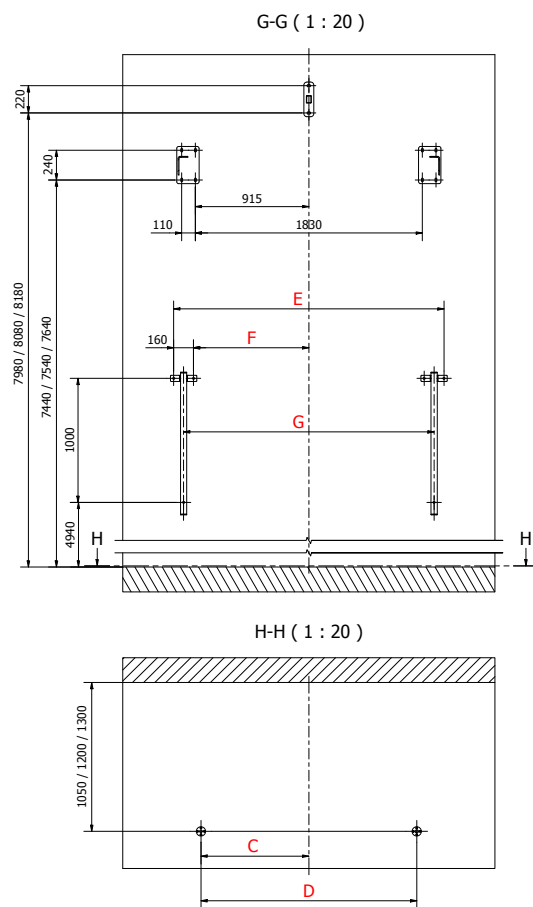
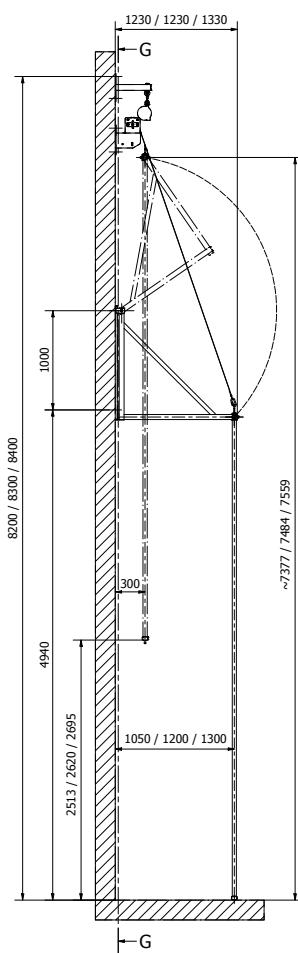
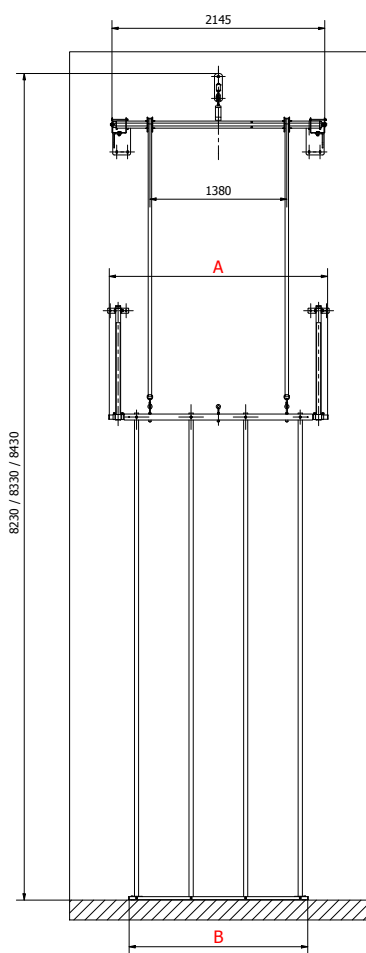
Climbing poles made of steel pipe [42,4x2,9 mm], zinc galvanized, length 4,9 m. The construction is locked in "open" position with use of two floor anchors. Device operation: Key switch with deadman's switch function in accordance with DIN 7892:2017.

Self-retracting safety device sold separately.

Type	3 poles	4 poles	5 poles	6 poles
Custom made constr.	GM707.02.03	GM707.02.03	GM707.02.05	GM707.02.06
Standard constructions, with a distance between the wall and the poles of:				
1050 mm	GM707.02.03-105	GM707.02.04-105	GM707.02.05-105	GM707.02.06-105
1200 mm	GM707.02.03-120	GM707.02.04-120	GM707.02.05-120	GM707.02.06-120
1300 mm	GM707.02.03-130	GM707.02.04-130	GM707.02.05-130	GM707.02.06-130



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



Climbing frames

Number of fields	Dimensions [in mm]						
	A	B	C	D	E	F	G
3x	2200	1250	595	1190	2180	930	2020
4x	2200	1800	870	1740	2180	930	2020
5x	2700	2350	1145	2290	2680	1180	2520
6x	3250	2900	1420	2840	3230	1455	3070

IMPORTANT NOTICE



The minimum height of the room required to install a hoistable climbing frame is 8500 mm.

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

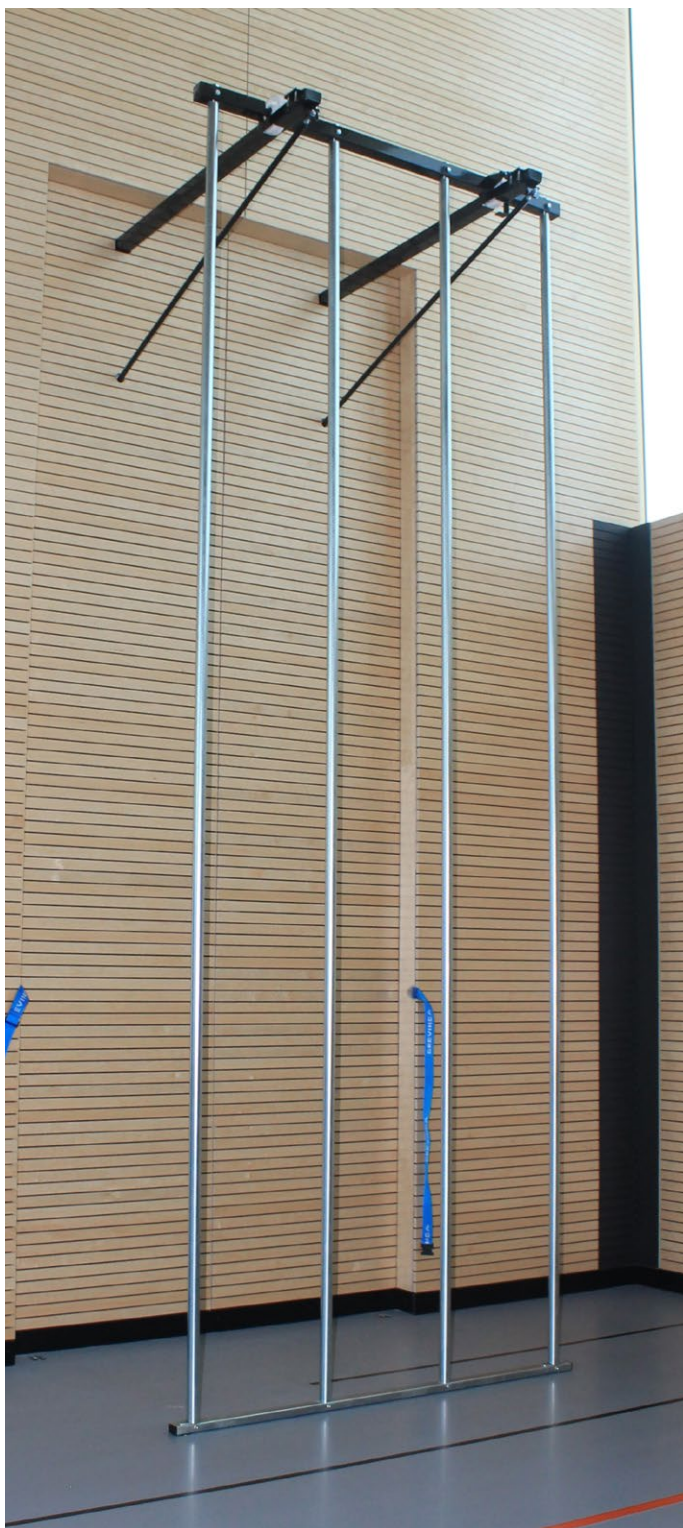
From control panel to motor:

5x1,5 mm²

CLIMBING POLES

CLIMBING POLES Rollable

GM707.01



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).

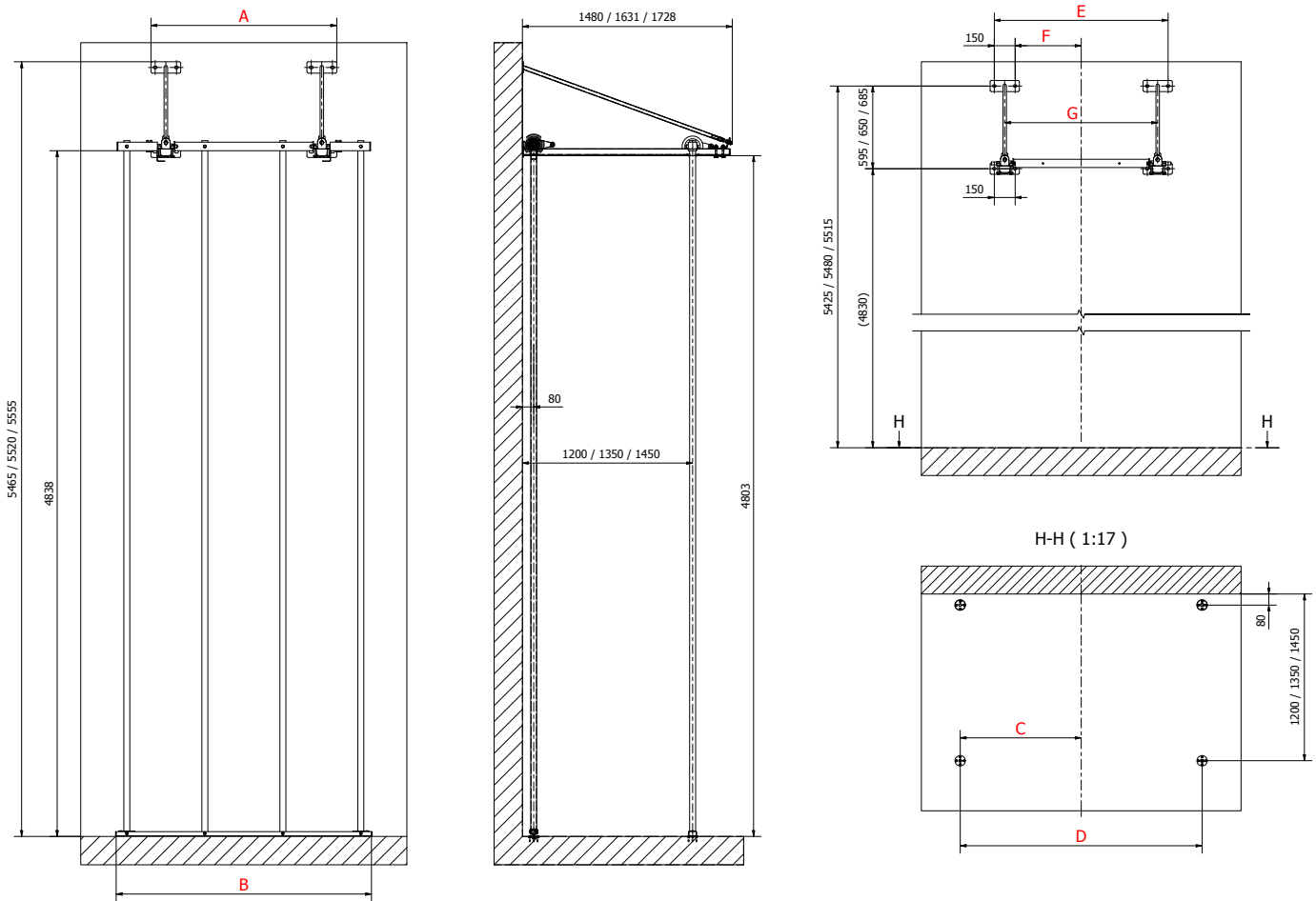
Set contains:

- 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	3 poles	4 poles	5 poles	6 poles
Custom made constr.	GM707.02.03	GM707.02.03	GM707.02.05	GM707.02.06
Standard constructions, with a distance between the wall and the poles of:				
1050 mm	GM707.02.03-105	GM707.02.04-105	GM707.02.05-105	GM707.02.06-105
1200 mm	GM707.02.03-120	GM707.02.04-120	GM707.02.05-120	GM707.02.06-120
1300 mm	GM707.02.03-130	GM707.02.04-130	GM707.02.05-130	GM707.02.06-130



Climbing frames

Number of fields	Dimensions [in mm]						
	A	B	C	D	E	F	G
3x	1610	1250	595	1190	1550	625	1400
4x	1310	1800	870	1740	1250	475	1100
5x	1860	2350	1145	2290	1800	750	1650
6x	2410	2900	1420	2840	2350	1025	2200

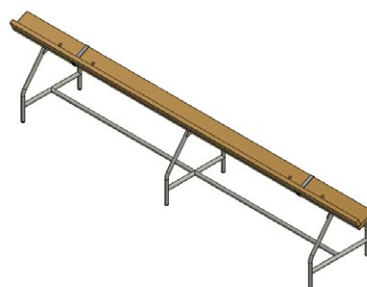
IMPORTANT NOTICE



The minimum height of the room required to install a rollable climbing frame is 5700 mm.

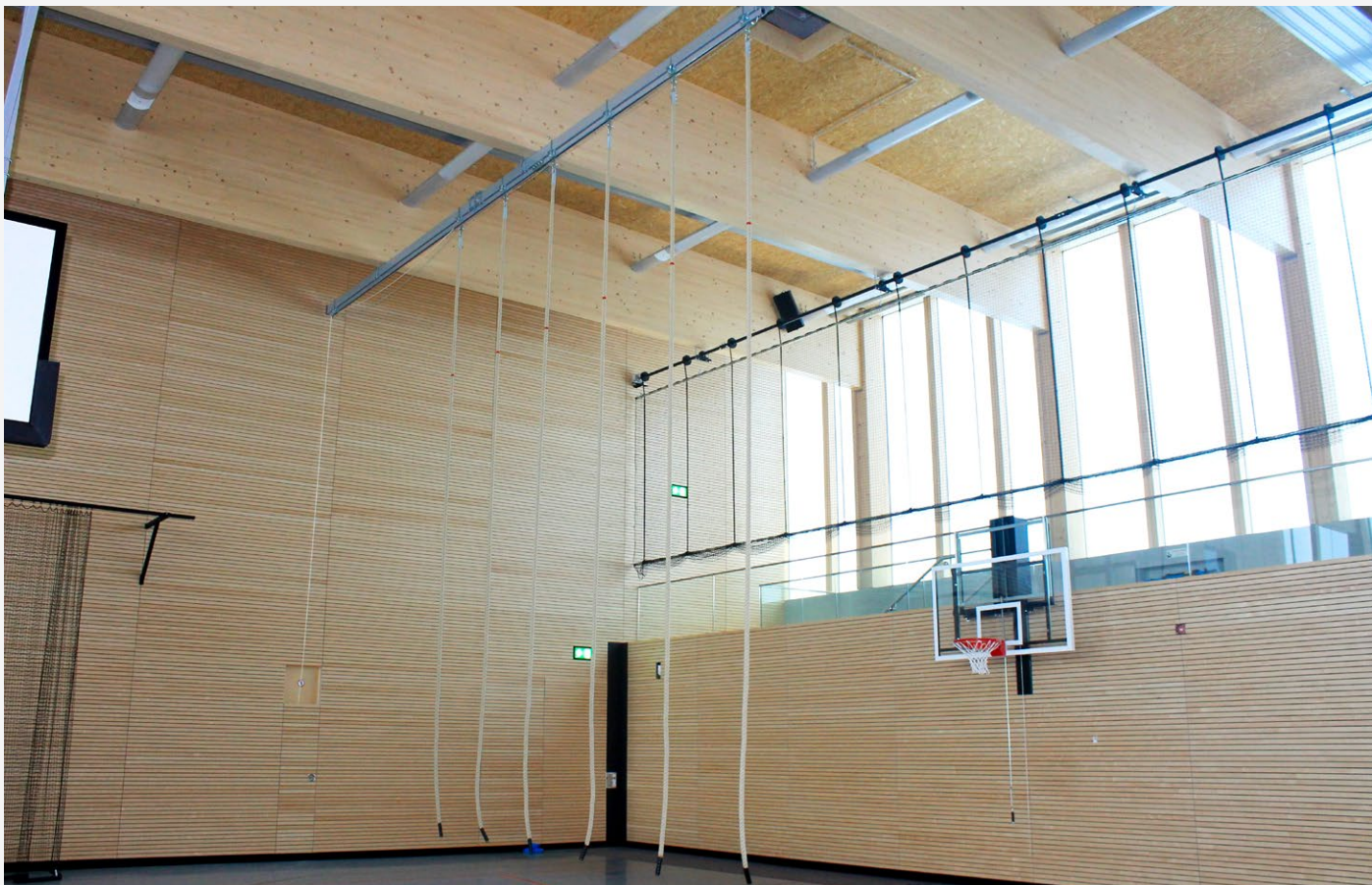


SUPPORT STAND FOR CLIMBING FRAME 3X
Tubular steel structure with wooden rest for sloping the position of the climbing frame.
Length: 1800 mm.
GM707.03.04



SUPPORT STAND FOR CLIMBING FRAME 4X
Tubular steel structure with wooden rest for sloping the position of the climbing frame.
Length: 2900 mm.
GM707.03.06

CLIMBING ROPES



GM702.01

CONSTRUCTION WITH A RAIL FOR HANGING CLIMBING ROPES

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



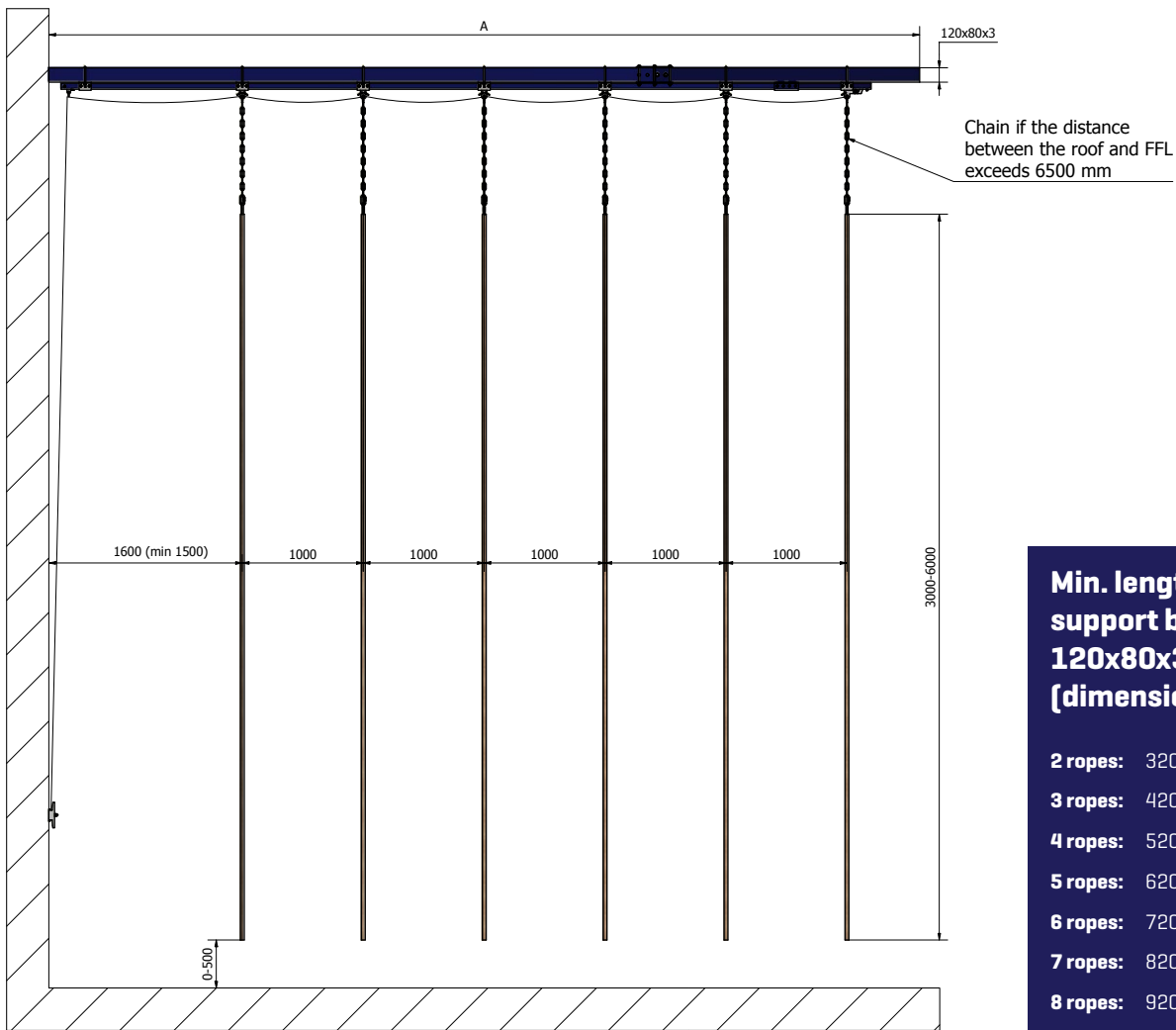
Rail for hanging climbing ropes, complete with a suspension beam and mounting brackets designed for:

- | | |
|------------------|-----------------------------|
| 2 climbing ropes | GM702.01.02 |
| 3 climbing ropes | GM702.01.03 |
| 4 climbing ropes | GM702.01.04 |
| 5 climbing ropes | GM702.01.05 |
| 6 climbing ropes | GM702.01.06 |
| 7 climbing ropes | GM702.01.07 |
| 8 climbing ropes | GM702.01.08 |

IMPORTANT NOTICE



Ropes and additional accessories installed on the wall (cleat and the rope) are sold separately.

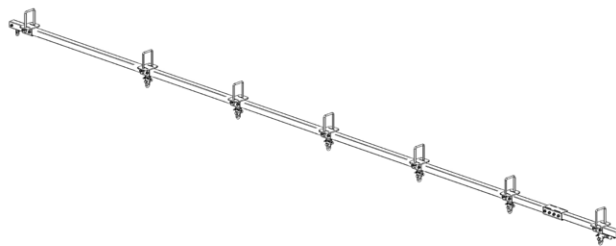


Min. length of the support beam 120x80x3 mm (dimension A) for: ⓘ

- 2 ropes:** 3200 mm
- 3 ropes:** 4200 mm
- 4 ropes:** 5200 mm
- 5 ropes:** 6200 mm
- 6 ropes:** 7200 mm
- 7 ropes:** 8200 mm
- 8 ropes:** 9200 mm

Rail for hanging climbing ropes, without the auxiliary structure (no suspension beam and no mounting brackets included), designed for 120x80 mm support beam and for:

- 2 climbing ropes **GM702.01.12**
- 3 climbing ropes **GM702.01.13**
- 4 climbing ropes **GM702.01.14**
- 5 climbing ropes **GM702.01.15**
- 6 climbing ropes **GM702.01.16**
- 7 climbing ropes **GM702.01.17**
- 8 climbing ropes **GM702.01.18**



Professional climbing ropes in customizable lengths:

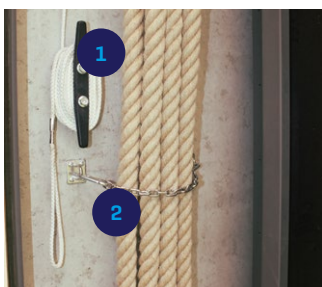
- GM702.02.36** Up to 3,6 m
- GM702.02.46** Up to 4,6 m
- GM702.02.56** Up to 5,6 m
- GM702.02.66** Up to 6,6 m

Standard climbing ropes, in fixed lengths:

- GM702.02.30** 3 m
- GM702.02.35** 3,5 m
- GM702.02.40** 4 m
- GM702.02.45** 4,5 m
- GM702.02.50** 5 m
- GM702.02.55** 5,5 m
- GM702.02.60** 6 m
- GM702.02.65** 6,5 m

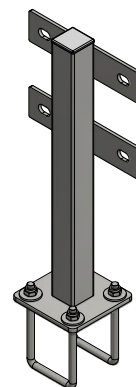
[1] **GM702.03.01**

[2] **GM702.03.02**



Clamping bracket standard for steel, wood, concrete joists

GM707.03.06





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. The standard colour of the structure: RAL 9010 white [other colours upon request, please see chart below]. Provided with auxiliary structure [120x80x3 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

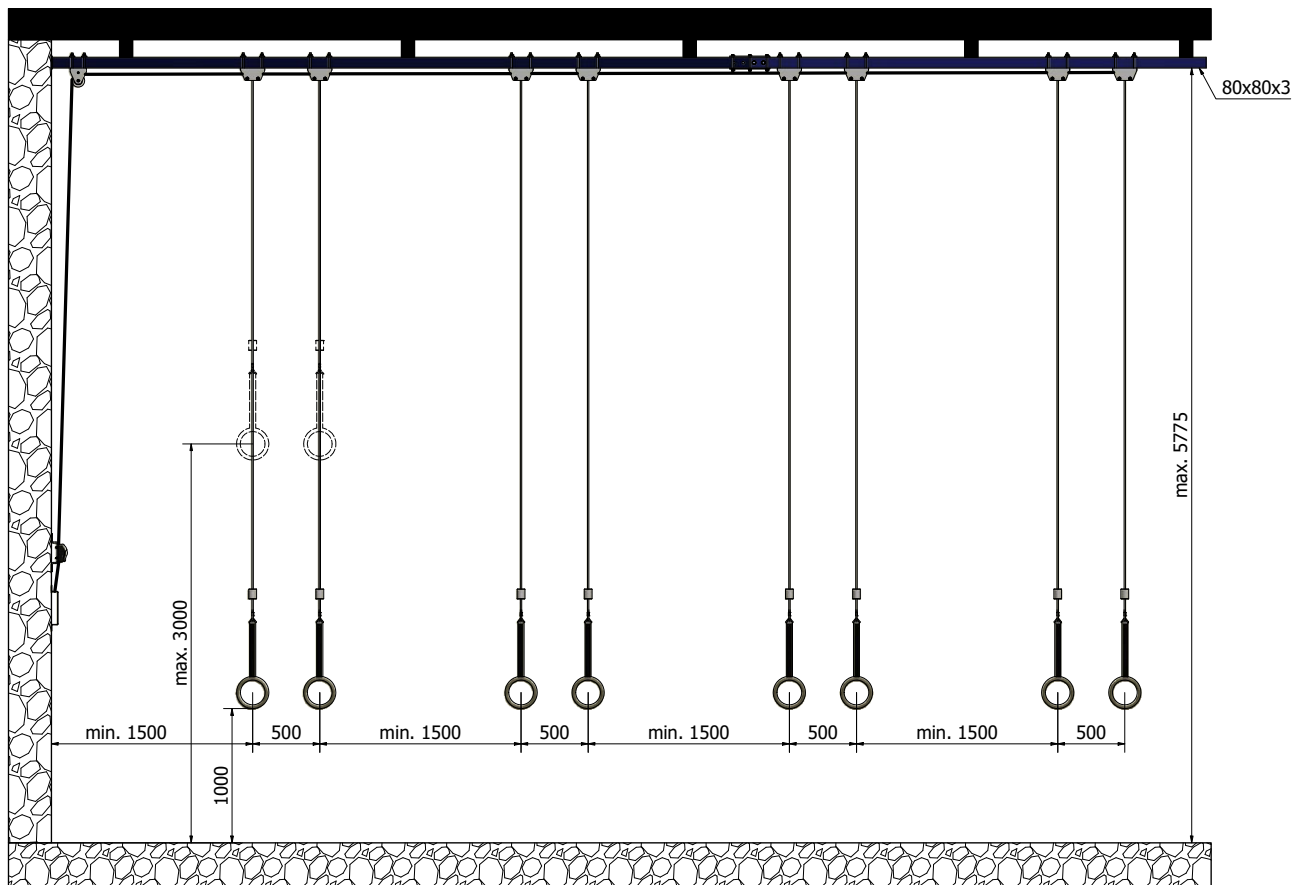


Accessories [sold separately]:

- 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

VSC-construction
[complete with auxiliary structure] for:

- | | |
|------------------|-----------------------------|
| 1 pair of rings | GM701.01.01 |
| 2 pairs of rings | GM701.01.02 |
| 3 pairs of rings | GM701.01.03 |
| 4 pairs of rings | GM701.01.04 |

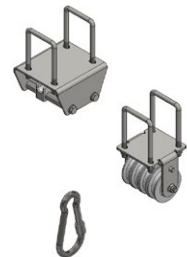


Minimum length of the auxiliary beam (120x80) required for (dimension A): ⓘ

1 pair of rings:	2500 mm
2 pairs of rings:	4500 mm
3 pairs of rings:	6500 mm
4 pairs of rings:	8500 mm

Accessory set for VSK system consisting of: pulley, rope intakes and carabiners [VSK w/o the auxiliary structure], designed for 120x80 mm carrier beam, for:

1 pair of rings	GM701.21.01
2 pairs of rings	GM701.21.02
3 pairs of rings	GM701.21.03
4 pairs of rings	GM701.21.04



Ballast bag for filling with sand. Carabiners in a set.
[GM701.03.51](#)



Cleat for hanging ropes. Steel, zinc-galvanized.
[GM701.03.03](#)



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



Rubber sphere 800 g
[GM701.03.15](#)



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 [120x80x3 mm steel beams] 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.

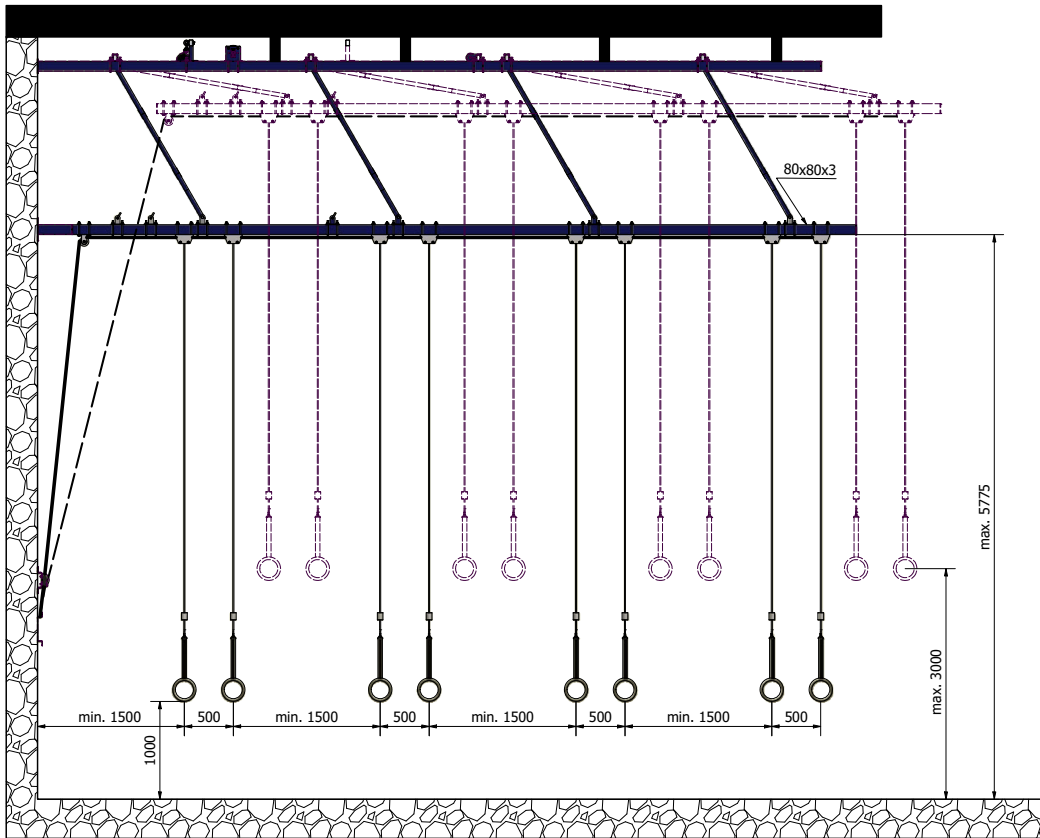
Accessories [sold separately]:

- 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

VSK system, el. hoistable, complete with suspension structure, motor and accessories (ropes, rope lock, rope winder), without wooden rings designed for:

1 pair of rings	GM701.02.01
2 pairs of rings	GM701.02.02
3 pairs of rings	GM701.02.03
4 pairs of rings	GM701.02.04

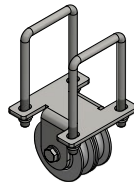
Power and steering supply lines for the motor:	230 V; 50 Hz, 310 W, 1,4 A
From mains to control panel:	3x1,5 mm ²
From control panel to motor:	5x1,5 mm ²



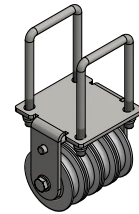
VSC rope locking device double (for 1 pair of rings) with mounting plate and safety lock.
GM701.03.20



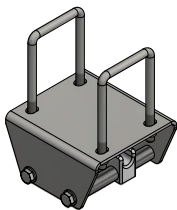
Load arrestor [self-retracting safety device] 140 kg, galvanized wire 10 m
BB102.06.14



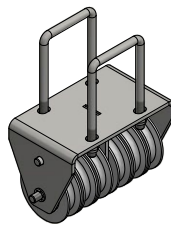
Deflection pulley for 2 ropes, with U-bolts for 120x80 mm beams
GM701.04.02



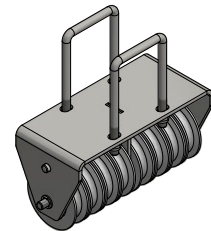
Deflection pulley for 2 ropes, with U-bolts for 120x80 mm beams.
GM701.04.04



Rope intake with U-bolts for 120x80 mm beams.
GM701.04.00



Deflection pulley for 2 ropes, with U-bolts for 120x80 mm beams.
GM701.04.06



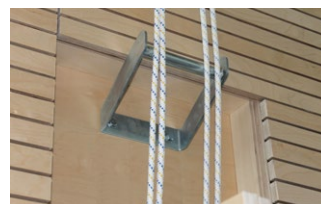
Deflection pulley for 2 ropes, with U-bolts for 120x80 mm beams.
GM701.04.08



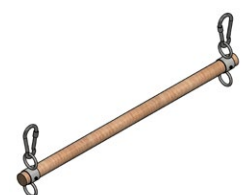
Laminated wooden gymnastic rings with webbing [0.5 m] according to EN 12655
GM701.03.28



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



Ropes' deflector. Steel, zinc-galvanized.
GM701.03.04 – for 1-3 pairs of ropes
GM701.03.06 – for 4-5 pairs of ropes



Trapeze bar made of:
 Beech wood: **GM701.03.34**
 Stainless steel: **GM701.03.43**

HORIZONTAL BARS



HORIZONTAL BARS

GM704.01

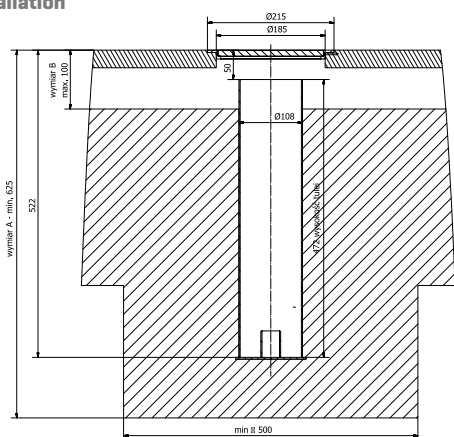
FREESTANDING HORIZONTAL BAR

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.

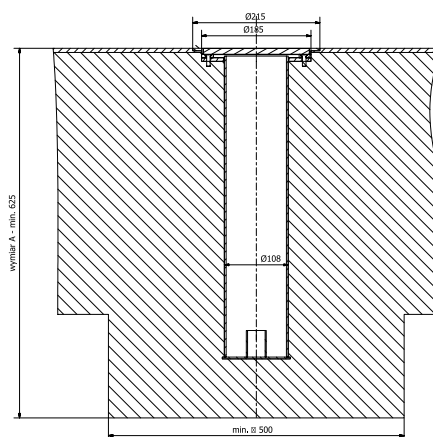


Index:	Item
GM704.00.01	100 mm diameter post
GM704.00.28	Stainless steel bar
GM704.03.50	Ground socket (for suspended floors)
GM704.03.51	Ground socket (for non-suspended floors)
GM704.00.44	100 mm diameter post with holes on 4 sides

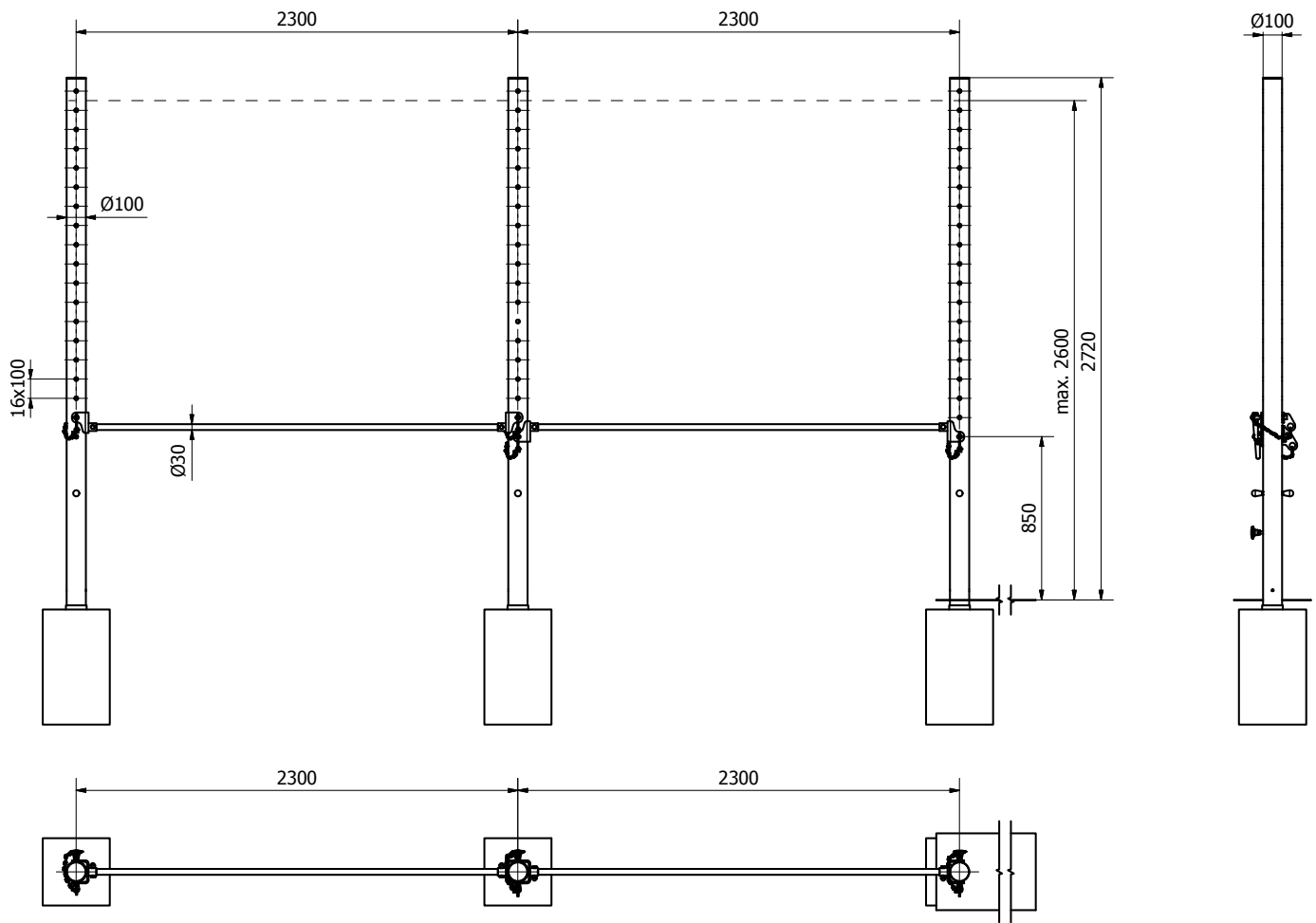
Socket installation



Suspended floors



Non-suspended floors



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 console for installing the horizontal bar. Made of steel, powder-coated in RAL 9006.
GM704.02.02



Locking pin with chain
GM704.00.28



Transport trolley
GM704.03.10



SE902.02.01

Wall storage device for 2 uprights, galvanized. Assembly screws in a set.



SE902.02.02

Wall storage device for 4 uprights, galvanized. Assembly screws in a set.



SE902.02.03

Wall storage device for 6 uprights, galvanized. Assembly screws in a set.



SE902.02.04

Wall storage device for 8 uprights, galvanized. Assembly screws in a set.

WALL BARS



WALL BARS

Pivoting wall bars

GM703.03

Swivelling wall bars as per DIN-EN 7892:2017, DIN-EN 7910:1999 and DIN-EN 12346:1998. Set includes double-field wall bar 200x260 cm, 82,5 mm diameter upright with knob-locking mechanism, installation elements (wall mounting brackets, hinges, locking/releasing mechanism with spring etc.). TÜV certified. Sockets are sold separately.

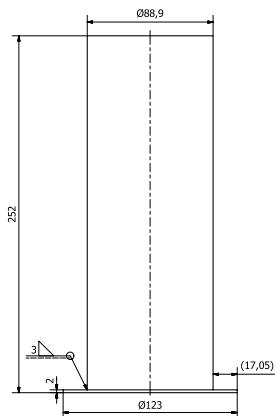


Swivelling wall bars (200x260 cm), complete set without the ground socket. Standard with a distance between wall and wood of:

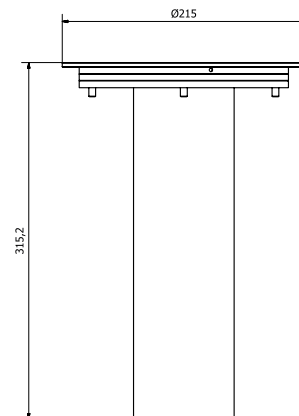
60 mm	GM703.03.06	200 mm	GM703.03.20
100 mm	GM703.03.10	250 mm	GM703.03.25
150 mm	GM703.03.15		

Accessory set for swivelling wall bars (200x260 cm), without the ground socket and the wood. Standard with a distance between wall and wood of:

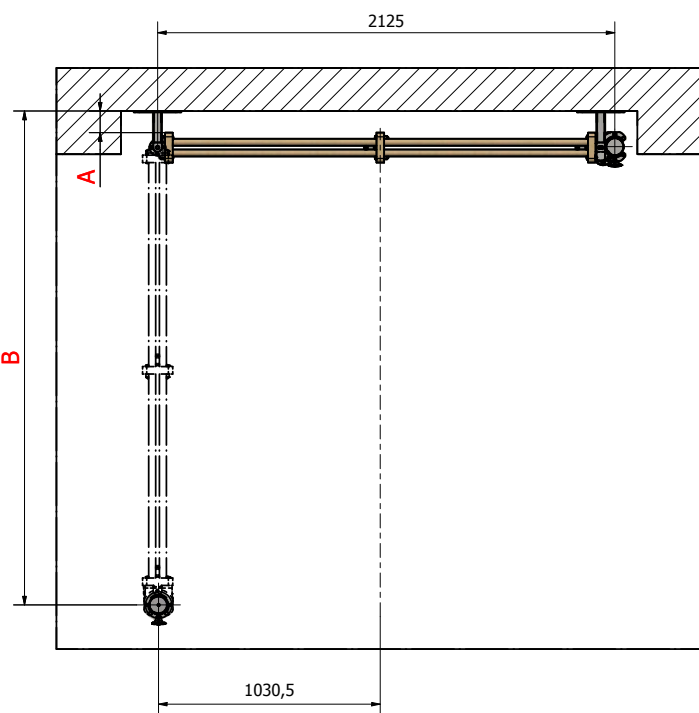
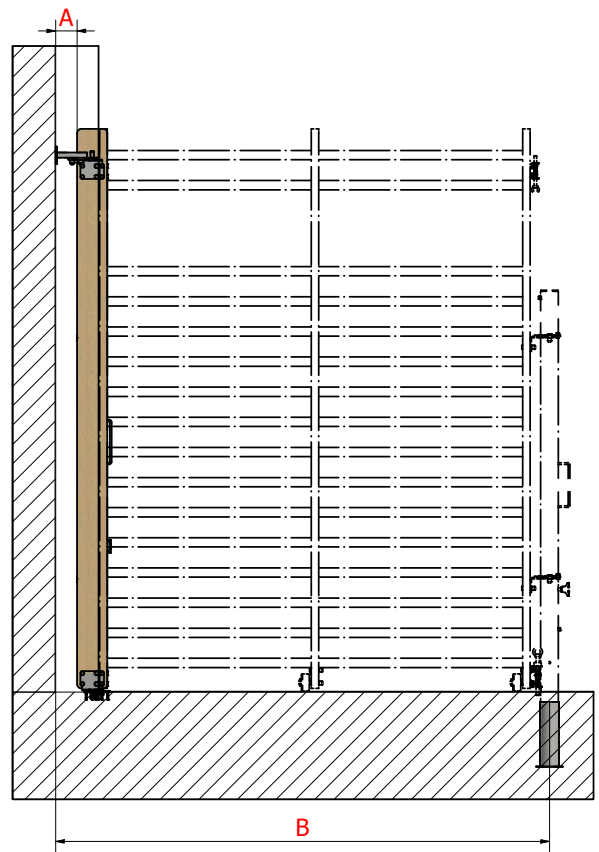
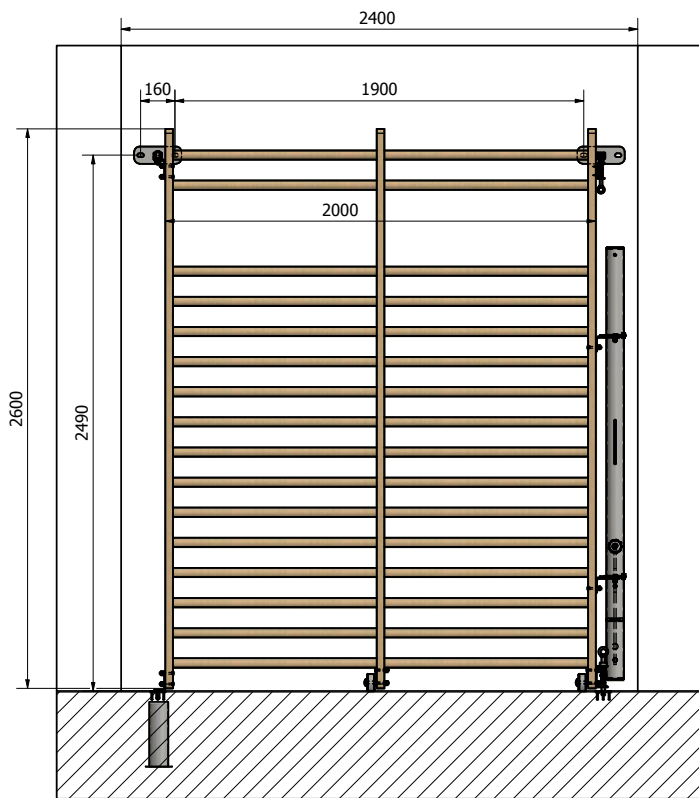
60 mm	GM703.05.06	200 mm	GM703.05.20
100 mm	GM703.05.10	250 mm	GM703.05.25
150 mm	GM703.05.15		



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](#)

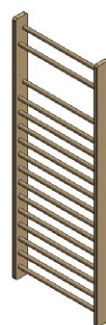


Standard dimensions ⓘ

A [distance between the wall and the wood]:	B [distance between the wall and the socket axis]:
60 mm	2255 mm
100 mm	2295 mm
150 mm	2345 mm
200 mm	2395 mm
250 mm	2445 mm



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

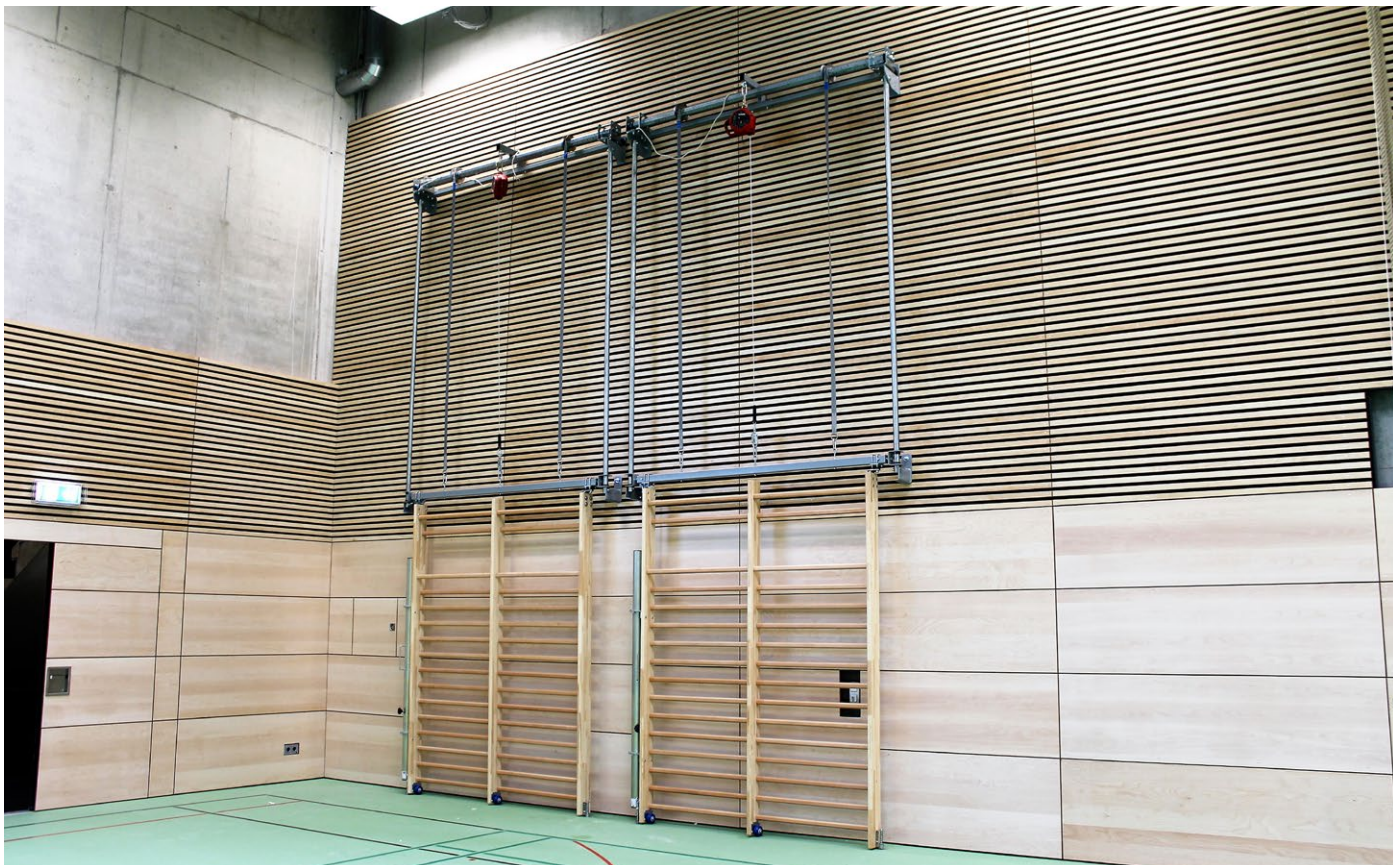


Single-field wall bars as per DIN-EN 7910 [100x260 cm]
GM703.01.26



Double-field wall bars as per DIN-EN 7910 [200x260 cm]
GM703.02.26

WALL BARS



WALL BARS

GM703.13

Hoistable-pivoting wall bars

Swivelling wall bars as per DIN-EN 7892:2017, DIN-EN 7910:1999 and DIN-EN 12346:1998. Set includes double-field wall bar 200x260 cm, 82,5 mm diameter upright with knob-locking mechanism, installation elements (wall mounting brackets, hinges, locking/releasing mechanism with spring etc.), consoles for the motor and safety device, an 80 Nm motor in a galvanized casing. TÜV certified. Sockets and safety devices are sold separately.

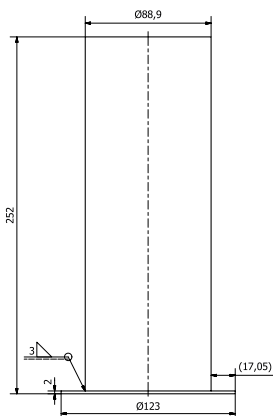


Swivelling wall bars [200x260 cm], complete set without the ground socket. Standard with a distance between wall and wood of:

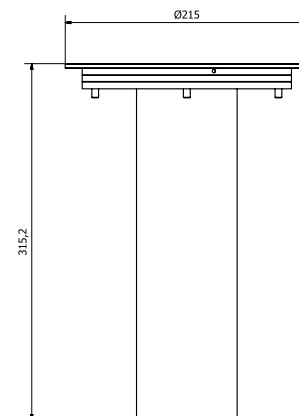
60 mm	GM703.13.06	200 mm	GM703.13.20
100 mm	GM703.13.10	250 mm	GM703.13.25
150 mm	GM703.13.15		

Accessory set for swivelling wall bars [200x260 cm], without the ground socket and the wood. Standard with a distance between wall and wood of:

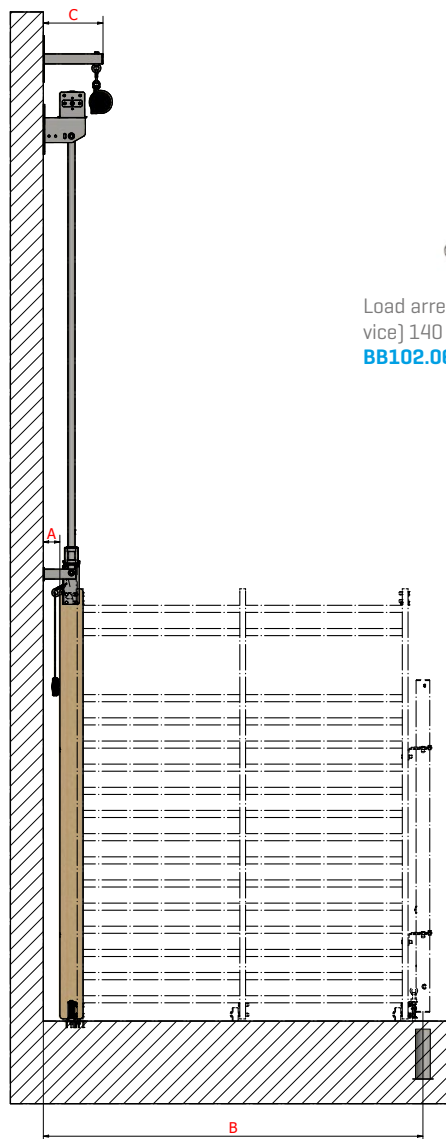
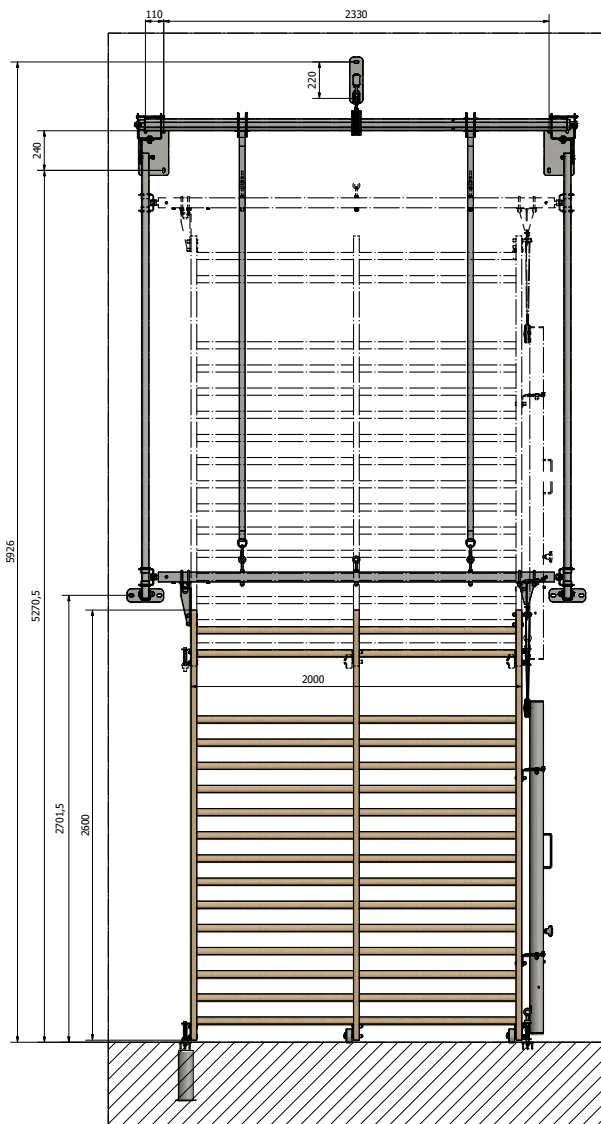
60 mm	GM703.15.06	200 mm	GM703.15.20
100 mm	GM703.15.10	250 mm	GM703.15.25
150 mm	GM703.15.15		



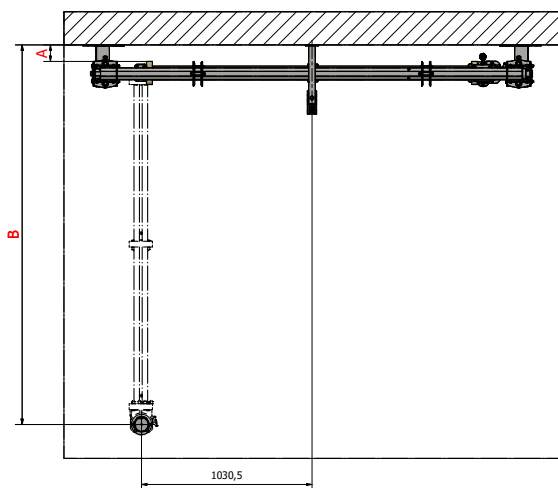
Ground socket for 82,5 mm upright (for suspended floors)
[GM703.03.03](#)



Ground socket for 82,5 mm upright (for non-suspended floors)
[GM703.03.13](#)



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



Standard dimensions



A [distance between the wall and the wood]:

- 60 mm
- 100 mm
- 150 mm
- 200 mm
- 250 mm

B [distance between the wall and the socket axis]:

- 2255 mm
- 2295 mm
- 2345 mm
- 2395 mm
- 2445 mm

B [length of the safety device's console]:

- 361 mm
- 361 mm
- 411 mm
- 461 mm
- 511 mm

Power and steering supply lines for the motor:

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

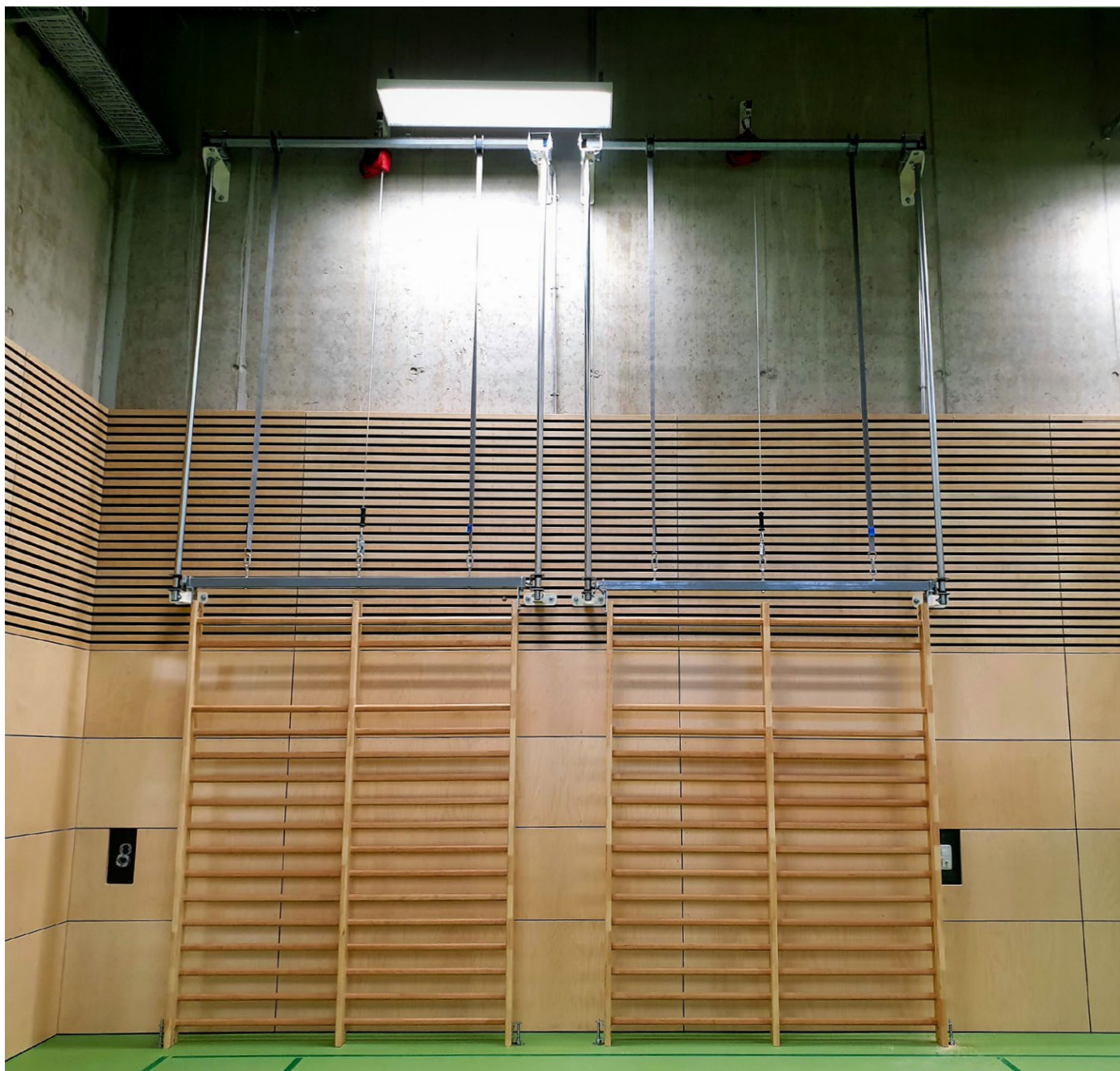
From mains to control panel:

3x1,5 mm²

From control panel to motor:

5x1,5 mm²

WALL BARS



WALL BARS

Hoistable wall bars

Swivelling wall bars as per DIN-EN 7892:2017, DIN-EN 7910:1999 and DIN-EN 12346:1998. Set includes double-field wall bar 200x260 cm, installation elements (wall mounting brackets, hinges, locking/releasing mechanism with spring etc.), consoles for the motor and safety device, an 80 Nm motor in a galvanized casing. TÜV certified. Safety devices are sold separately.

GM703.23

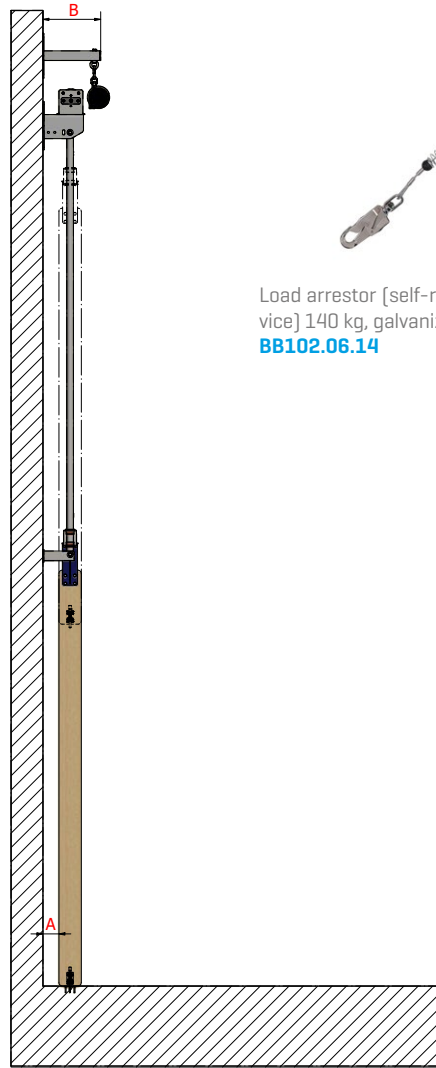
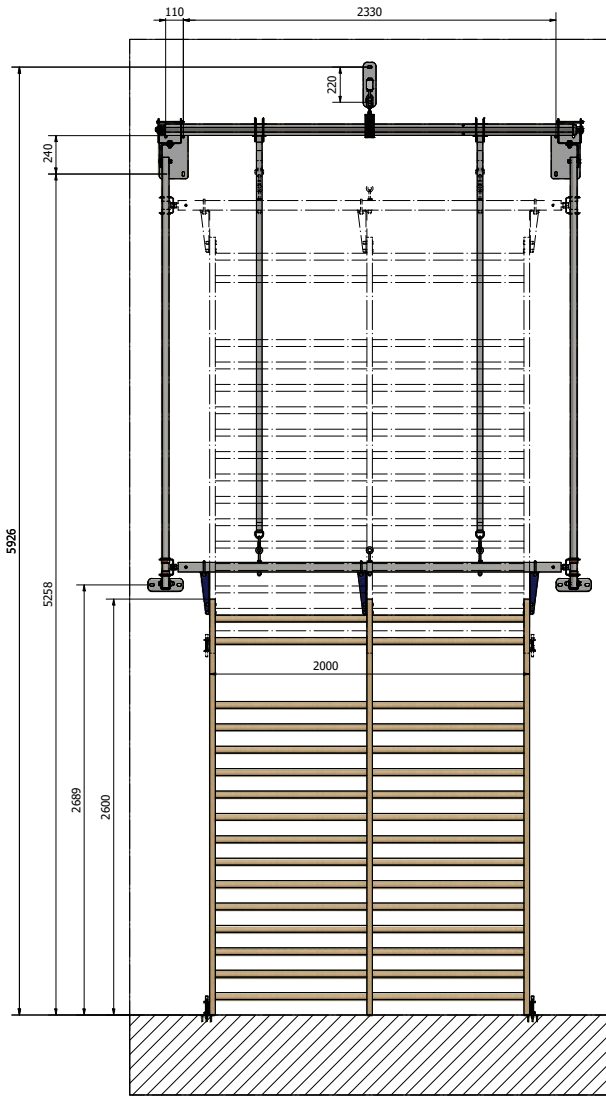


Electrically hoistable wall bars (200x260 cm), complete set (including wood). Standard with a distance between wall and wood of:

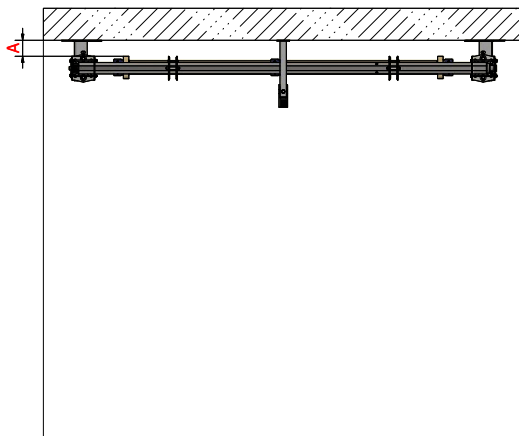
60 mm	GM703.23.06	200 mm	GM703.23.20
100 mm	GM703.23.10	250 mm	GM703.23.25
150 mm	GM703.23.15		

Accessory set for electrically hoistable wall bars (200x260 cm), without the wood. Standard with a distance between wall and wood of:

60 mm	GM703.25.06	200 mm	GM703.25.20
100 mm	GM703.25.10	250 mm	GM703.25.25
150 mm	GM703.25.15		



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



Standard dimensions



A [distance between the wall and the wood]:

B [length of the safety device's console]:

- 60 mm
- 100 mm
- 150 mm
- 200 mm
- 250 mm

- 361 mm
- 361 mm
- 411 mm
- 461 mm
- 511 mm

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

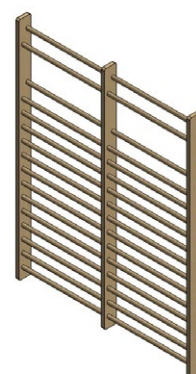
From control panel to motor:

5x1,5 mm²

WALL BARS



Single-field wall bars as per DIN-EN 7910 [100x260 cm]
GM703.01.26



Double-field wall bars as per DIN-EN 7910 [200x260 cm]
GM703.02.26

Permanently fixed wall bars

Wooden wall bars made of pine [sides] and plywood [staves]. Coated with a transparent, non-toxic lacquer. Available in several sizes and types. Fixed wall bars are installed on a wall with use of metal, L-shaped grips and screws. TÜV certified. Installation accessories are sold separately.



Single-field wall bars [width 90 cm] as per EN 12346:

300 cm
256 cm
227 cm

GM703.01.30
GM703.01.25
GM703.01.22

Double-field wall bars [width 180 cm] as per EN 12346:

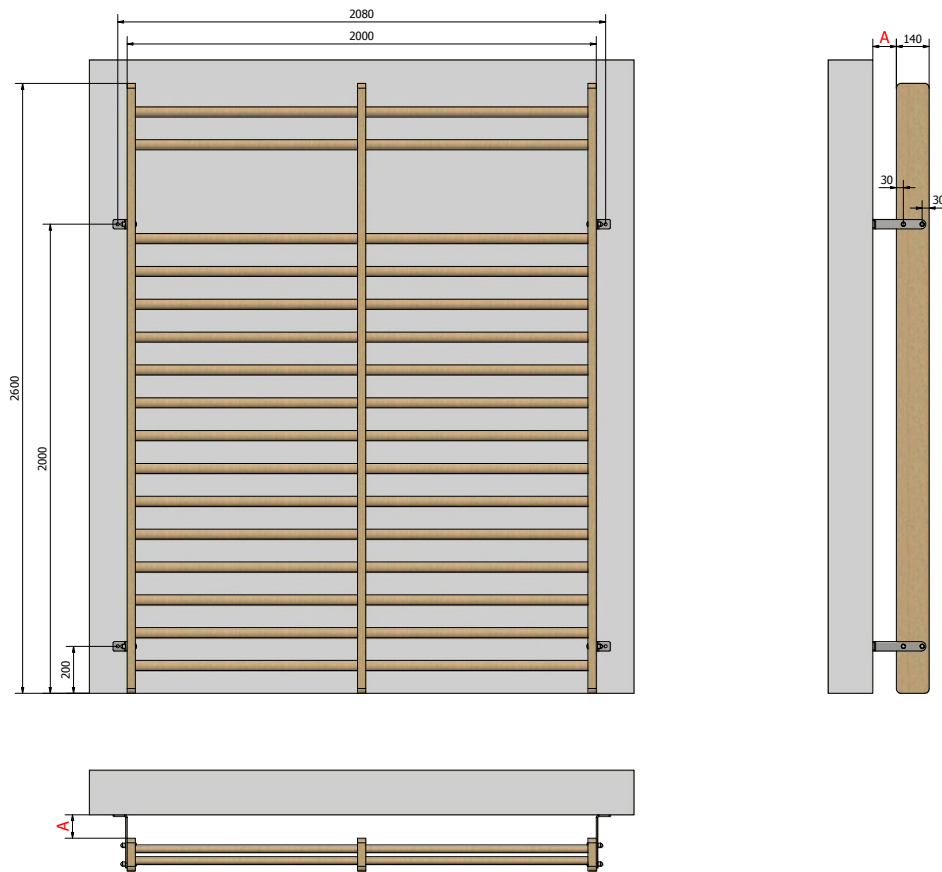
300 cm
256 cm
227 cm

GM703.02.30
GM703.02.25
GM703.02.22

“Swedish” wall bars, height 2475 mm:

Single [width 765 mm]
Double [width 1520 mm]

GM703.01.24
GM703.02.24



Installation set for single and double-field wall bars. Set of 4 grips incl. bolts, nuts, washers and wall mounting kit [extension plugs for concrete walls with screws]. Standard with a distance between wall and wood of [dimension A]:

60 mm [GM703.21.06](#)
 80 mm [GM703.21.08](#)
 100 mm [GM703.21.10](#)
 120 mm [GM703.21.12](#)
 140 mm [GM703.21.14](#)
 160 mm [GM703.21.16](#)
 180 mm [GM703.21.18](#)

200 mm [GM703.21.20](#)
 220 mm [GM703.21.22](#)
 240 mm [GM703.21.24](#)
 260 mm [GM703.21.26](#)
 280 mm [GM703.21.28](#)
 300 mm [GM703.21.30](#)
 320 mm [GM703.21.32](#)



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](#)

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



Transport trolley for 200x120 cm mats. Maximum load: 250 kg.

SE902.07.01

PHYSICAL EDUCATION



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



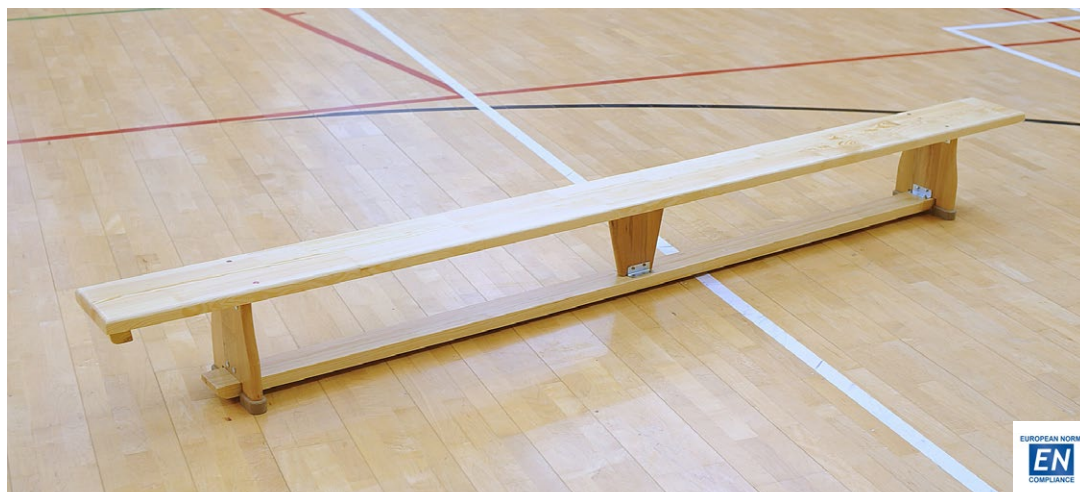
maxi

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

GYMNASTIC BENCHES WITH WOODEN LEGS

Made of solid wood, varnished with transparent, non-toxic paint. Wooden legs with rubber feet.

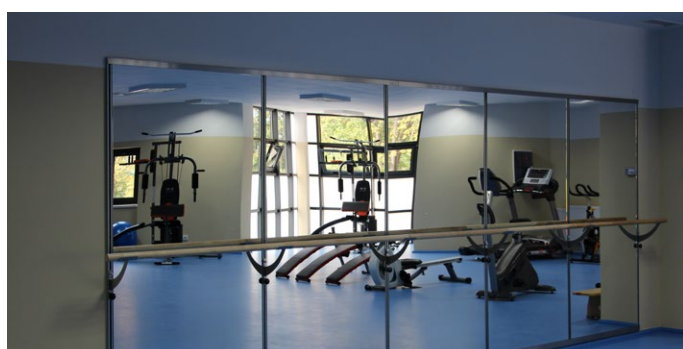


Length	Code
2 m	GM708.02
4 m	GM708.04
3 m	GM708.03
5 m	GM708.05



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

MIRRORS AND BALLET BARS



GM705.06.01

Ballet-bar, round (Ø40 mm), made of glued ash wood, with one milled end, max. length 250 cm

GM705.06.11

Ballet-bar, round (Ø40 mm), made of glued ash wood, without milled ends, max. length 250 cm

GM705.06.21

Ballet-bar, round (Ø40 mm), made of glued ash wood, with milled both ends, max. length 250 cm



GM705.01.00

Ballet bar wall bracket (single), with height adjustment 35-130 cm. Rail made of galvanized steel profile. Wall bracket made of stainless steel.

GM705.02.00

Ballet bar wall bracket (double), with height adjustment 35-130 cm. Rail made of galvanized steel profile. Wall bracket made of stainless steel.

GM705.01.01

Ballet bar wall mount (single). Made of powder-coated steel (RAL 9006).

GM705.02.01

Ballet bar wall mount (double). Made of powder-coated steel (RAL 9006).

GM705.01.02

Ballet bar wall bracket (single), made of electro-polished stainless steel.

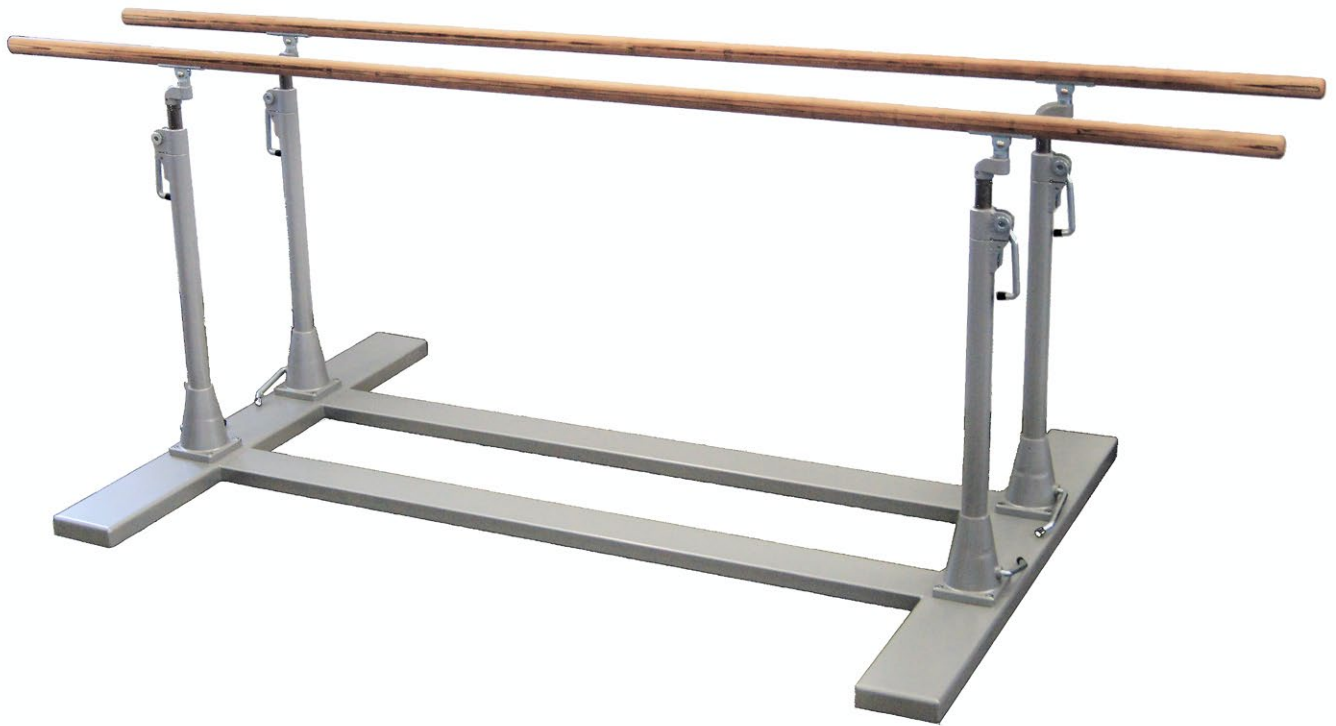
GM705.02.02

Ballet bar wall bracket (double), made of electro-polished stainless steel.

GM705.03.02

Stainless steel connector for ballet-bars with milled ends. Length 197 mm.





MULTI-PURPOSE BARS

Multi-purpose bars 120-185 cm, stile width adjustment continuously from 39-59 cm.

Main features:

- Freestanding parallel bars on a welded steel base frame, protected against corrosion by powder-coating
- Continuous bar width adjustment in a range between 39 to 59 cm
- Bars height is adjusted from 120 to 185 cm [height increases in steps of 5 cm]
- Integrated transport wheels [hidden in a cast base] with operated with an eccentric lever
- Dimensions of the base frame [L/W]: 260x165 cm
- In the set two bars made of laminated wood, 350 cm long
- Made in accordance with EN 914



Multi-purpose bars 120-185 cm, stile width adjustment continuously from 39-59 cm.

Multi-purpose bars 120-185 cm, bar width adjustment continuously from 39-59 cm - without bar bars

Professional parallel bars 3500x51x41 mm, with rounded ends

[GM711.01.01](#)

[GM711.01.11](#)

[GM711.02.02](#)



EQUIPMENT FOR SPORTS HALLS



STOP NETS (WALL PROTECTING NET)

Construction for hanging wall protecting net including the Helm 100 rail and a set of customized wall/pillar brackets (all made of steel, powder-coated in any RAL tone).

The dimensions of the nets are adjusted to the customer's needs and the conditions in the sports hall. Nets are available in the following colours: green, white, black, yellow, blue and red. In standard, the top edge of the net has two additional cords sewn, allowing to pull up the net in case of excessive stretching. The recommended lead cord sewn in the bottom edge keeps the net stretched properly and prevents from balls running behind the net.

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 |

[SH801.03.10](#)

Consoles and rail for ball stop nets up to 15 m net width

[SH801.03.15](#)

Consoles and rail for ball stop net for 15-30 m net width

[SH803.03.50](#)

Protective net, PP, 3 mm thick, 50x50 mm mesh size

[SH803.04.50](#)

Protective net, PP, 4 mm thick, 50x50 mm mesh size

[SH803.03.10](#)

Protective net, PP, 3 mm thick, 100x100 mm mesh size

[SH803.04.10](#)

Protective net, PP, 4 mm thick, 100x100 mm mesh size

[SH803.05.20](#)

Lead cord, 200 g, on the net

[SH803.05.40](#)

Lead cord, 400 g, on the net

ADDITIONAL INFORMATION



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

There is a possibility to switch the rail into a steel wire rope (more budgetary option)



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

SH801.01.10

Motorized construction for hanging a dividing/protecting net with a width up to 15 m.

SH801.01.15

Motorized construction for hanging a dividing/protecting net with a width up to 15 m.

SH801.01.25

Motorized construction for hanging a combined [net + PVC] single layer dividing curtain with a width up to 25 m and a height below 9 m.

SH801.01.52

Motorized construction for hanging a combined [net + PVC] single layer dividing curtain with a width above 25 m and a height below 9 m.

SH801.01.14

Motorized construction for hanging a combined [net + PVC] single layer dividing curtain with a width above 25 m and a height above 9 m.



SH803.03.51

Protective net for electric motor-driven high gathering device, PP hf., Approx. 3 mm thick, 50x50 mm mesh size [with polyester straps and sewn-in sleeve on the lower edge]

SH803.04.51

Protective net for electric motor-driven high gathering device, PP hf., Approx. 4 mm thick, 50x50 mm mesh size [with polyester straps and sewn-in sleeve on the lower edge]

SH803.03.11

Protective net for electric motor-driven high gathering device, PP knotless, Approx. 3 mm thick, 100x100 mm mesh size [with polyester straps and sewn-in sleeve at the bottom]

SH803.04.11

Protective net for electric motor-driven high gathering device, PP knotless, Approx. 4 mm thick, 100x100 mm mesh size [with polyester straps and sewn-in sleeve on the lower edge]

SH801.02.68

Non transparent polyester fabric. UV resistant, microbiologically resistant, PVC coated on both sides, fire resistant according to DIN 4102 B1. Colour grey.

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"]



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



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



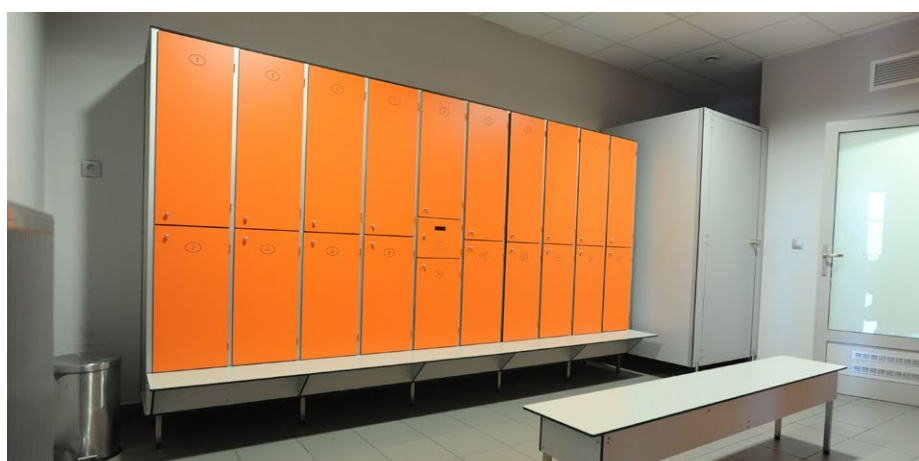
Multi-tier locker
SH802.03



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

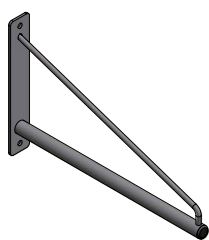


High quality lockers made of HPL [High Pressure Laminate]. This material is very resistant to bending and tearing, its surface is super hard and resistant to dirt.

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

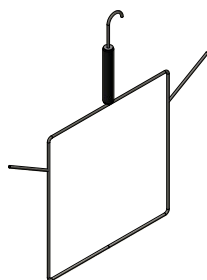


Wall console for storing nets hangers

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

Capacity: 6-8 hangers.

SE902.03



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



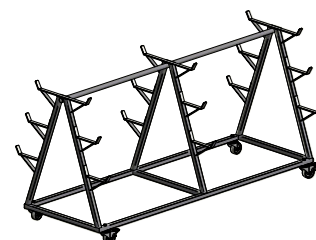
Transport and storage trolley for 1 pair of volleyball posts.

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



Transport and storage trolley for 3 pairs of volleyball posts.

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



SE902.02.01

Wall storage device for 2 uprights, galvanized. Assembly screws in a set.



SE902.02.02

Wall storage device for 4 uprights, galvanized. Assembly screws in a set.



SE902.02.03

Wall storage device for 6 uprights, galvanized. Assembly screws in a set.



SE902.02.04

Wall storage device for 8 uprights, galvanized. Assembly screws in a set.



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



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 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



Transport and storage trolley for floorball rinks.

Steel construction, protected against corrosion by powder-coating. Equipped with 4 rubber castors (2 fixed and 2 swivel with brake).

Max. capacity: 30 pcs of floorball rink elements.

FB602.01

LOCKER ROOM BENCHES



LOCKER ROOM BENCHES

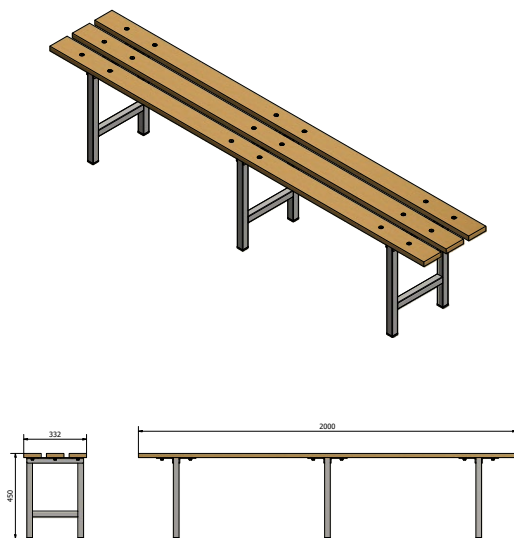
SH803.02

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

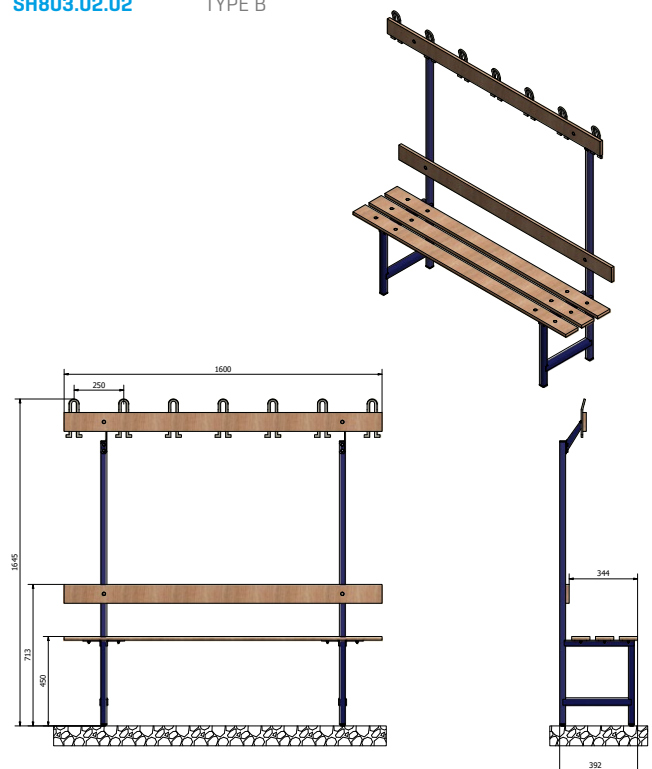
SH803.02.01

TYPE A



SH803.02.02

TYPE B





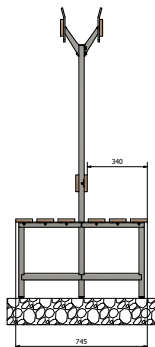
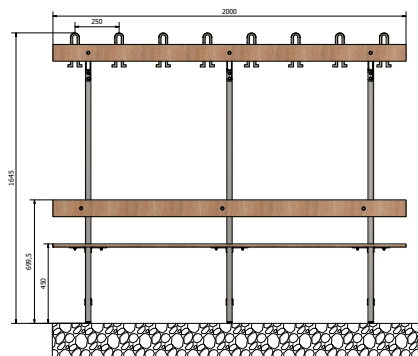
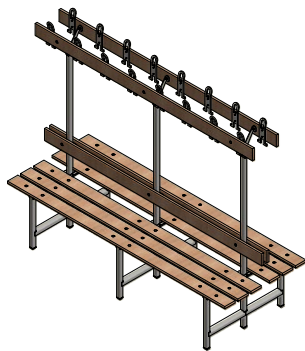
SH.803.02.99

Plastic hook,
black



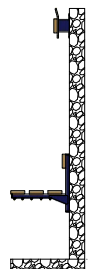
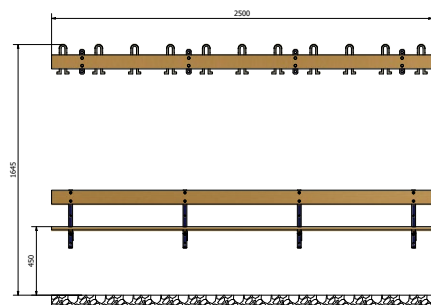
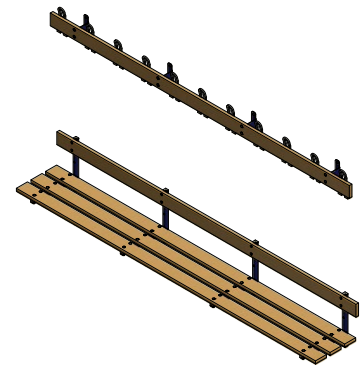
SH803.02.03

TYPE C



SH803.02.44

TYPE E+



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.

Color

	Green	FP131.01
	Graphite	FP131.02

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



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](#)



PVC mats floor protection rolling trolley.

Width: 150 or 200 cm.

[SE901.01.15](#)

FLOOR PROTECTION IN TILES



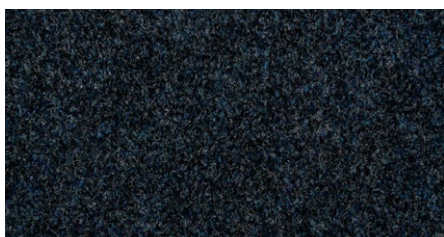
INTER FLOOR PROTECTION

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

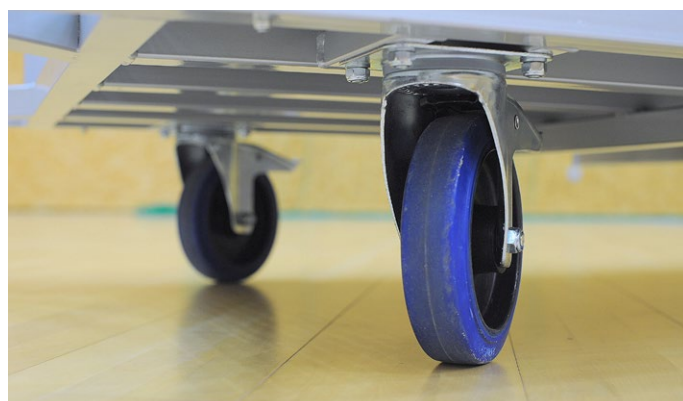
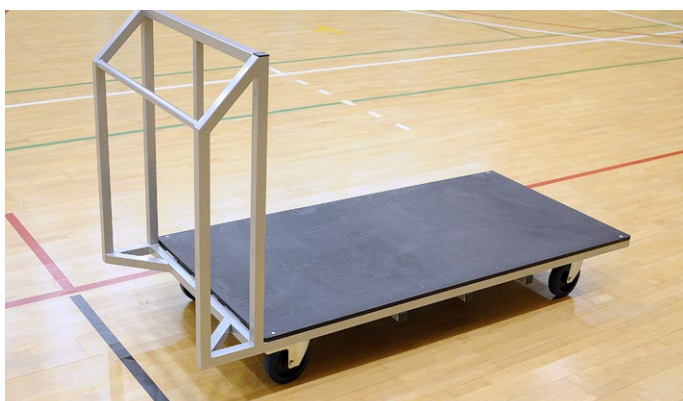
Main features:

- 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



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

Made of steel profiles, protect against corrosion by powder-coating. Equipped with rubber, non-marking wheels (two with brake). Platform made of anti-slip and waterproof black plywood. Dimensions of the platform: 200x150 cm
 Max capacity: 800 kg or 100 pcs of mats [approx. weight: 7,6 kg each]
SE901.01.07





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 3123-123 FIBA LVL 1

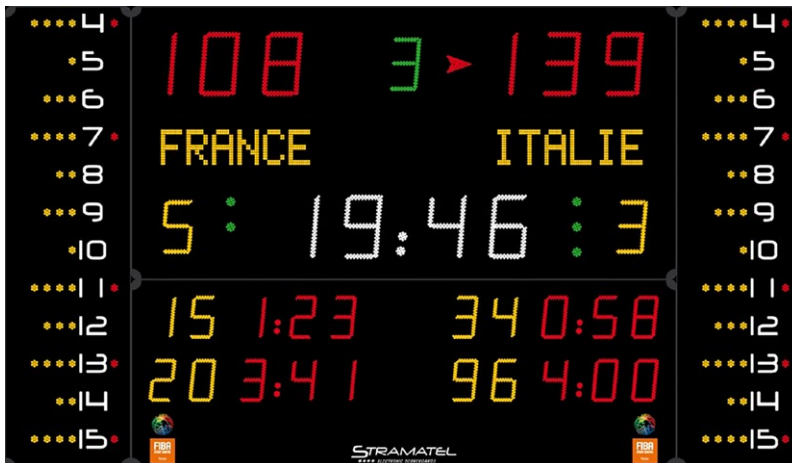
The modules of the scoreboard can be installed directly on a wall or on a steel subconstruction. Displays: teams names, score, time, part of the game, team fouls, individual fouls, players numbers, players names, score of the previous game part, ball possession indicator, individual penalties in handball.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



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

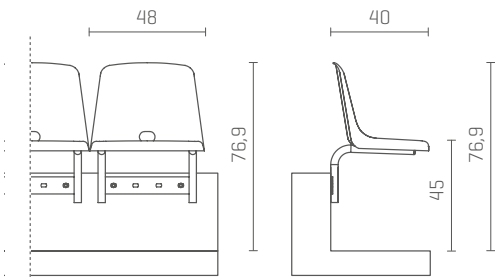
The OMEGA HB fulfills FIFA and UEFA requirements.



Omega Type A

High Back

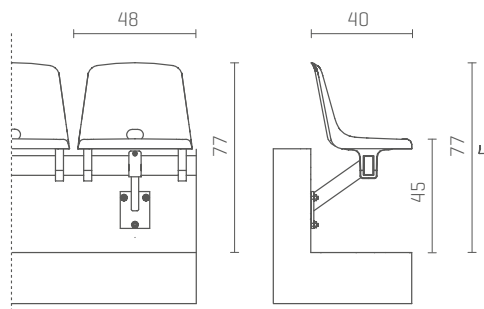
DIMENSIONS*:



Omega Type B

High Back

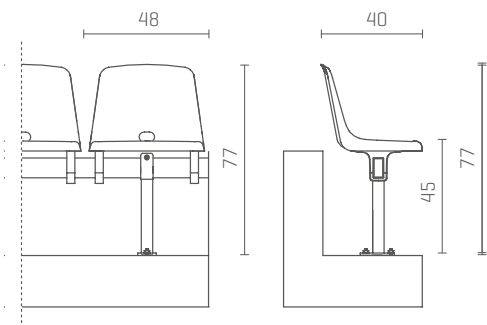
DIMENSIONS*:



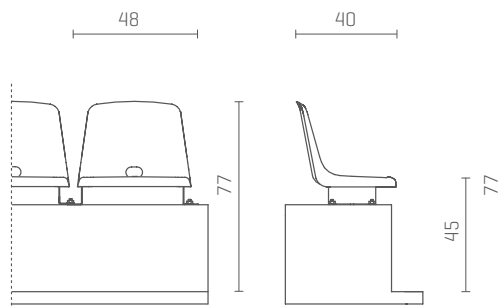
Omega Type C

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.

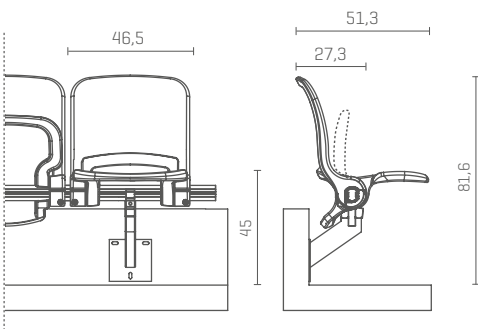
Support structure types:

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

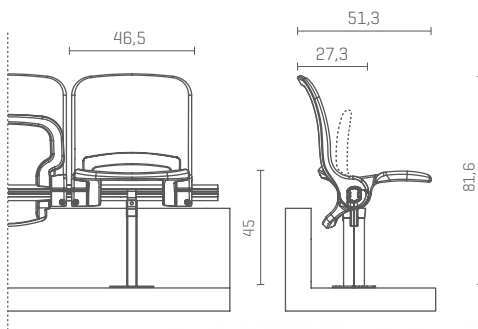
The seatings can be improved with writing desktop made of HPL, drink holders, armrests made of polyamide with fiberglass.

DIMENSIONS*:

Abacus Bronze / Silver Type B



Abacus Bronze / Silver Type C



SIGMA

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.

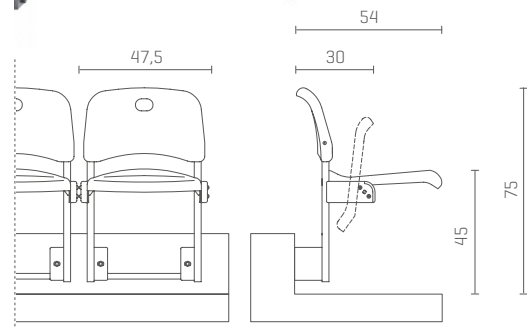
The chair is durable, highly ergonomic, available in different types and equipped with an automatically foldable seat.

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

Support structure types:

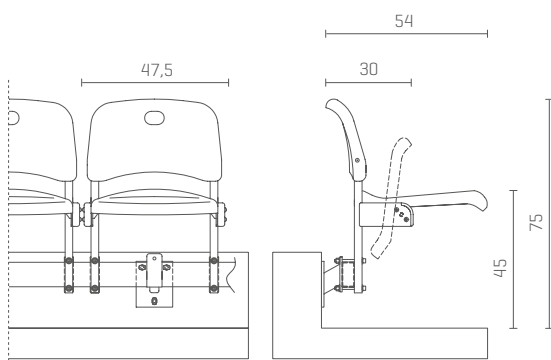
- Type A - to the step riser
- Type B - to the step riser [on a common beam]
- Type C - to the floor

The seatings can be improved with writing armrests or upholstery.

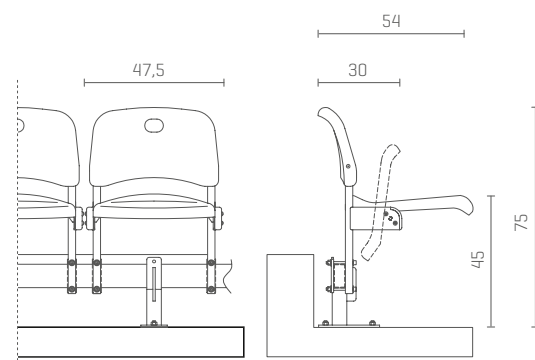


DIMENSIONS*:

SigmaB



Sigma C



*All dimensions are in centimetres.

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



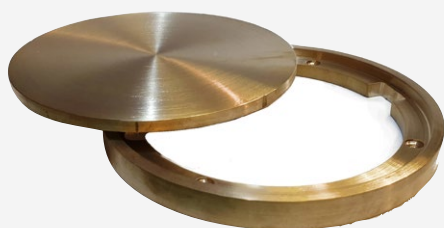
vacuum sucker, capacity min. 30 kg

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

interplastic®
SINCE 1985

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