

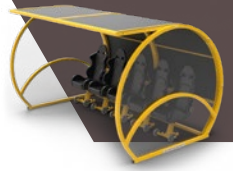
CATALOG
2022-2023



SPORTS



METALU PLAST
Much more than sport



LET'S CONTINUE OUR JOURNEY

You have been with us for years, years of common creativity, of manufacturing, of exchanges, of partnership.

You have been part of our development, and the least we can say, is we've evolved a long way these past several years. On our product offer of course, but we also have improved our way of working, our relationships, our commercial offers, as well as reinforced our assistance and presence by your side for your projects.

One of the biggest developments we have made so far was seeing Metalu Plast go global. In ten years, we have established our company in 38 countries on 4 continents. From Cincinnati to Dubai, from Moscow to Abidjan, from Cairo to Rio de Janeiro, from Paris to Stockholm, from Vancouver to Mauritius, we have proudly carried the colors of Metalu Plast, all of this thanks to your trust, your imagination and your support.

Already the French leading company for many decades, Metalu Plast is now establishing itself as a major European player.

Therefore, to support this development and this new impetus and to support you, wherever your projects will carry you, we have invested again and again.

We have worked on developing our manpower. Our teams have been strengthened in all fields: purchasing, design office, technical, production, trade, communication, welcoming new skills to supplement those already existing.

Then, we have developed our infrastructure, doing huge industrial investments in order to meet our mutual ambitions.

Finally, we have worked on our image, because Metalu Plast has evolved so much, that it was time to adapt our image to what we are: an innovative company, attentive to its clients, active and expert in the field of sport. This new logo, accompanied by a new baseline, shows the very core of our field of activity: sport.

Dynamic and colorful, our logo reflects our spirit, our will to always move forward, but also our desire to be by your side a leading player, beyond the only supply of quality sports equipment.

We hope you will like this new image, and that it will motivate you to carry on this journey together and to create new sporting horizons, day after day.

Guillaume Deguerry
Associate Director of International Development & Marketing

MEMBER OF THE NETWORKS

GIE France Sport Expertise

GIE France Sport Expertise aims to develop the positioning of its companies vis-à-vis French and international clients in the sports economy, for major international sports events and for sports for all. The objective is to offer member companies useful solutions to environmental and societal challenges and to enable them to save time and reduce their costs in a context of increased challenges in terms of health safety, flow management and spectator satisfaction.

The main areas of intervention of the GIE range from design (planning and project management related to major international sports events), to manufacturing and distribution, through infrastructure (networks, information technology, data management) and services (e-sport, financing, customer journey, communication, event management, marketing, ticketing).



Collectif Football France

Metalu Plast is a member of the Collectif Football France, launched on October 14, 2016 at the FFF. This is the extension of the sports industry to soccer, carried by the Ministry of Sports, the LFP and the FFF, which brings together French players of all the soccer industry to develop French expertise in France and worldwide. The Collectif Football France brings together a wide range of players: institutions/federations, sports movements, equipment suppliers, consultants, services and innovations, media, security, etc.

To pool resources and expertise within the soccer industry and to enable a constructive and sustainable dialogue between the state, the sports movement and companies. At the international level, the aim is to structure the offer and develop a common approach to major international sporting events (hosting foreign delegations, travel, etc.).



Fedairsport

FEDAIRSPORT is the Federation of the Actors of the Equipment of Sports and leisure. It is an association of general interest in the field of sports and leisure facilities. It brings its know-how and a real technical knowledge which it puts at the service of its members, communities and any person wishing to know better the sports and leisure equipment sector. The federation brings together all the players of the sports and leisure equipment sector, from the project owner to the user, to work on the promotion and enhancement of sports and leisure facilities, with a view to sustainable development.



LABELS AND CERTIFICATIONS

The label Origine France Garantie

Origine France Garantie is the only label that certifies the French origin of a product. It is cross-disciplinary and indisputable: the certification, which is compulsory, is carried out by an independent certifying body.

The Origine France Garantie label assures to consumers the traceability of the product by giving a clear and objective indication of origin.

Each product must meet two cumulative criteria to obtain the label:

- Between 50% and 100% of the unit cost price is French
- The product takes its essential characteristics in France

Benefits:

A controlled and clear supply chain with responsibilities located in France

A better traceability of products

A better guarantee of compliance with safety, pollution and environmental standards

A guarantee that the manufacturing of products participates in a preponderant way in the French social model.

It is not possible in our industry to obtain this label if the raw materials and basic components used are not mainly manufactured in France (aluminum, steel, plastic and aluminum connecting parts, packaging, etc.).

The Origine France Garantie label is therefore an extremely powerful label that defends not just one company, but a complete industry.



AFNOR Cert.61477

The label Authorized Economic Operator

Metalu Plast obtained the label Authorized Economic Operator. First French manufacturer of sports equipment to obtain this label, this is a guarantee of rigor and security for our international exchanges. This label:

- Certifies that Metalu Plast is a trusted exporter
- Allows us to simplify and accelerate customs clearance procedures
- Secures goods



Full certified
n° FR00125475

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Information: the pictures of this catalog are not contractual

OUR DIFFERENCES AND SERVICES METALU PLAST

1 - Tailor made products

2 - The shipping time very short

3 - Turnkey solutions

A sales team at your service

- For your quotes, your orders, deliveries, your technical or administrative request, our customer service is available from Monday to Friday, from 8:30 a.m. to 5:30 p.m.
- For your projects study, sales support, delivery of a specific order, please contact your technical sales adviser.

A wide range of products

- More than 500 references of "standard" products in stocks, to meet the needs of our customers.

A R&D office and a methods office

- The first one develops new products, and evolves existing ranges.
- The second one, establishes the quotes, develops solutions adapted to your projects, performs implementation plans, 3D views and drawings execution
- The methods office is in charge of the industrialization of the production, it guarantees the quality of manufacture and the documentation.

Tools to present product ranges

- A product catalog, commercial brochures, technical thematic files, product sheets and installation manual, 1 monthly newsletter presenting the news.

Online services for all our clients

- A website that presents the product range: www.metalu-plast.com
- The online tracking of your orders with updates in real time
- A transport monitoring with tracking
- The invoice history

4 - The "Origine France Garantie" label

5 - A dedicated multilingual international team

6 - The " Authorised Economic Operator " label

For our regular customers, many private services

- Access to the business and technical documentation: product sheets, assembly instructions, pictures, certificate of compliance.
- Online order.

A delivery service throughout France

- Metalu Plast sends the goods to the place you have chosen: collectivity, purchasing center, company depot, on site...
- The shipping type is defined by the dimensions of the goods and the deadlines of delivery (courier, express delivery).

A worldwide delivery service

- We deliver to all 5 continents!
- We can ship by all transport modes : road, sea, air, rail, river, combined...
- Possibility of a complete export service: administrative export management from A to Z, advice and support in the procedures and formalities.
- A multilingual international team
- **The label Authorized Economic Operator**, attests that we are a trusted exporter. It allows us to simplify and accelerate the procedures of customs clearance, and it secures the goods.

METALU PLAST KEY FIGURES

17 millions turnover.	11 000 deliveries per year	2 000 customers	80 co-workers	37 countries delivered
100 km of ball-stops and handrails manufactured per year	150 multi-sports playgrounds and soccer manufactured per year	3 000 football goals manufactured per year	1 100 handball goals manufactured per year	1 600 tonnes of sendzimir steel
300 tonnes of black steel	400 tonnes of aluminium	27 tonnes of paint	75 tonnes of packaging	16 000 m ² production sites
3 000 m ² of storage for purchased products	700 m ² of offices	14 welding stations	5 cutting stations	13 moving bridge
15 loading docks	2 rolling machines	3 shot blasting machines	2 painting booth	2 8 m ovens and 12 m long

COLORS RANGE

COLOR, COLOR + AND COLOR 300



"COLOR" range

8 colors textured RAL
and 6 colors glossy RAL
without any added-value

Textured matte RAL



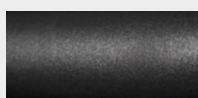
Textured RAL 9010 (white)



Textured RAL 5002 (blue)



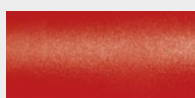
Textured RAL 1018 (yellow)



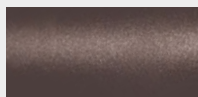
Textured RAL 9005 (black)



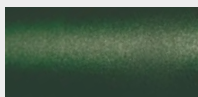
Textured RAL 5015 (blue)



Textured RAL 3000 (red)



Textured RAL 7016 (grey)



Textured RAL 6005 (green)

Glossy RAL



RAL 9005 (black)



RAL 7016 (grey)



RAL 5015 (blue)



Grey Metalu Plast



RAL 6005 (green)



RAL 3000 (Red)



"COLOR +" range⁽¹⁾

8 colors textured RAL and 6 colors glossy RAL of the COLOR range
+ 8 colors textured RAL and 3 colors glossy RAL **without any added-value under certain conditions**
Standard colors for multi-sports and soccer playground structures.
Optional colors for consoles and locker room's range.

Textured matte RAL



Textured RAL 6019 (green)



Textured RAL 5017 (blue)



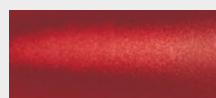
Textured RAL 1028 (orange)



Textured RAL 9006 (grey)



Textured RAL 5018 (turquoise)



Textured RAL 3011 (purple)



Textured RAL 1001 (beige)



Textured RAL 6029 (green)

Glossy RAL



RAL 6019 (green)



RAL 7036 (grey)



RAL 5002 (blue)



"COLOR 300" range⁽¹⁾

These ranges offer more than 300 colors (RAL) to realize the multi-sports playground of your choice. For more information, please consult us.

(1) Without any added-value under certain conditions, please consult us for further details about your project. Non contractual color chart, Colors are presented for your information. Please refer to a RAL color chart.

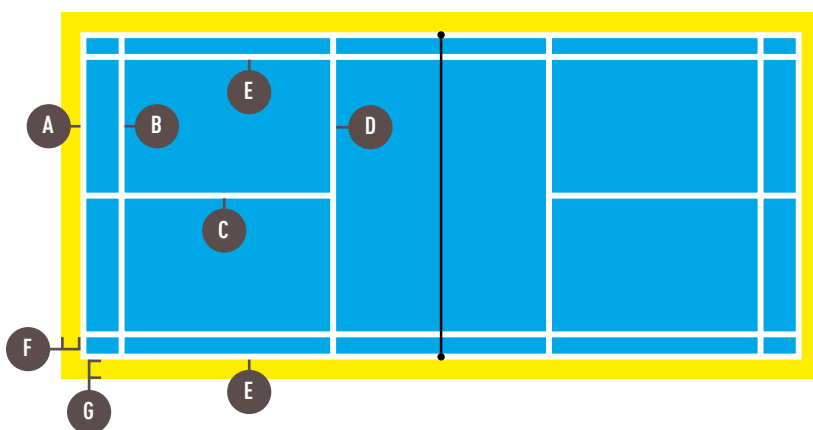
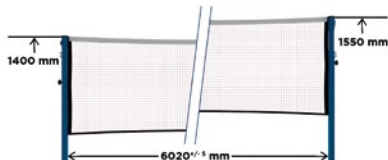
FIELDS SIZE

BADMINTON, HANDBALL AND BASKETBALL

Badminton field

Playing area length : **13,40 m**
Playing area width : **6,10 m**

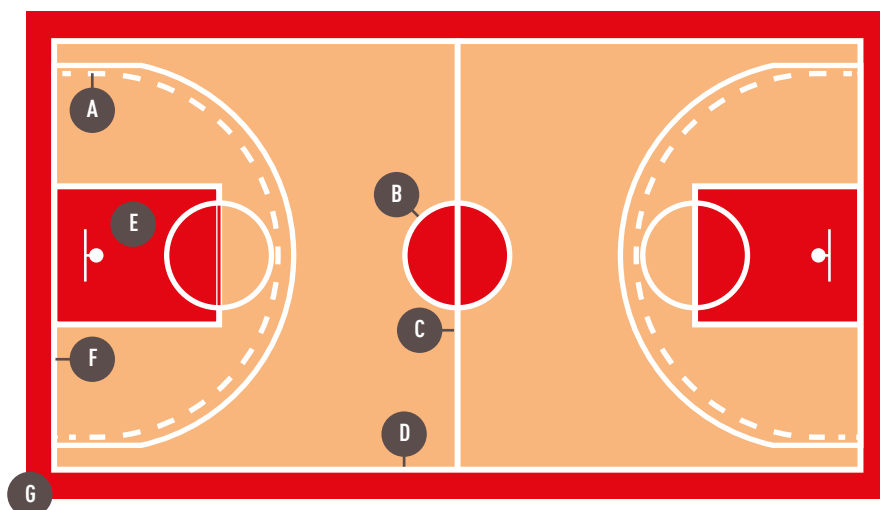
- A.** Bottom line **B.** Doubles service line
C. Mid line **D.** Singles service line
E. Double service lines **F.** Sports area : **0,6 m**
G. Sports area : **0,9 m**



Basketball field

Playing area length: **28 m**
Playing area width: **15 m**

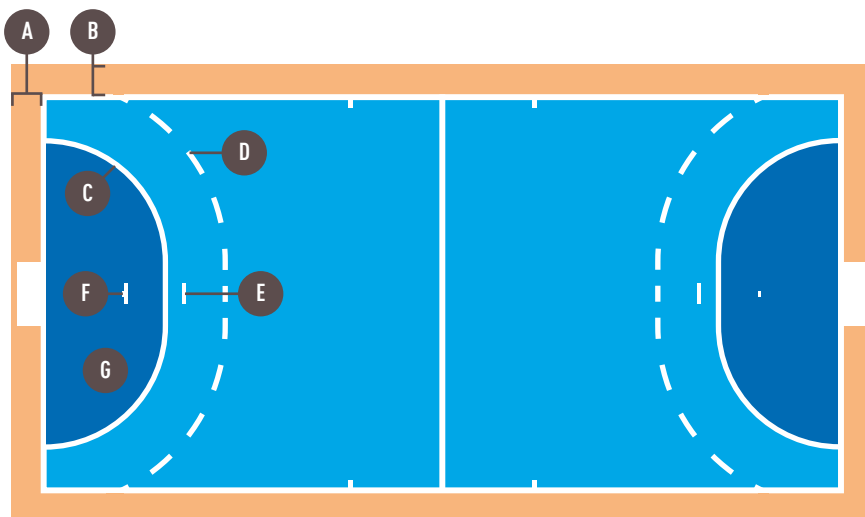
- A.** 3 points line
B. Central circle
C. Mid line
D. Side line
E. Restricted area
F. Base line
G. Disengaging zone: **2 m minimum**



Handball field

Playing area length: **40 m**
Playing area width: **20 m**

- A.** Disengaging zone: **2 m minimum**
B. Disengaging zone: **1 m minimum, 2 m for class 1**
C. Surface line of the goal
D. Free throw line
E. Throw landmark
F. Landmark for control
G. Goal surface



FIELDS SIZE

RUGBY, TENNIS AND VOLLEYBALL

Rugby field

Playing area length : 95 à 100 m

Playing area width : 66 à 68 m

A. In-goal area : 12 à 22 m

B. Disengaging zone : 3,5 m minimum

C. Mid line

D. 10 m line

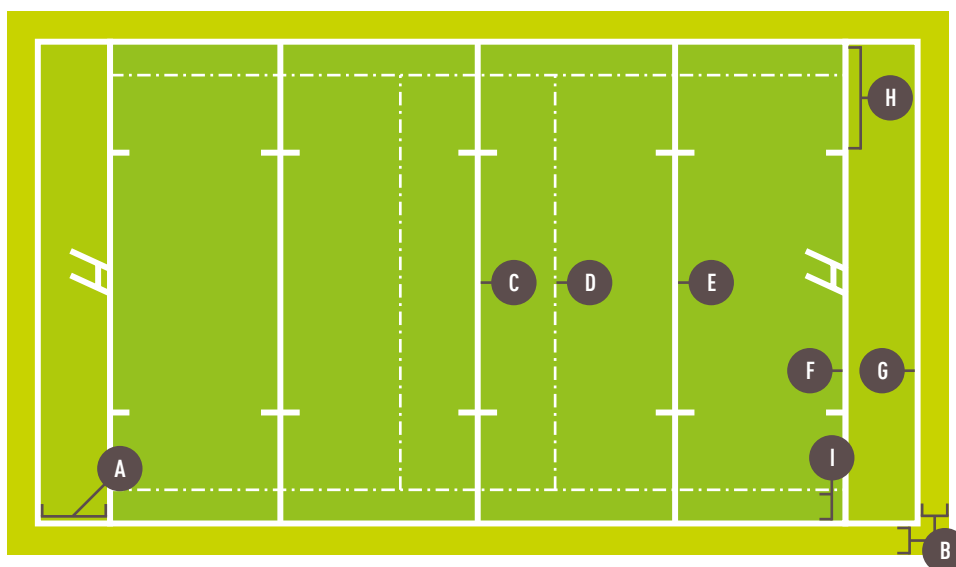
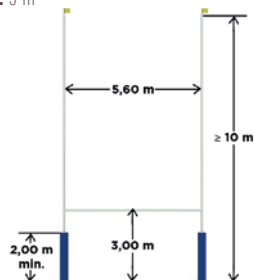
E. 22 m line

F. Goald line

G. Dead ball line

H. 15 m

I. 5 m



Tennis field

Playing area length: 23.77 m

Playing area width: 10.97 m

A. Back line

B. Central landmark

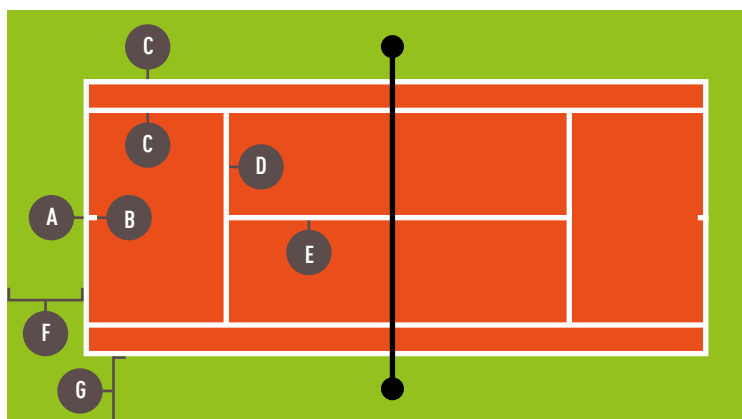
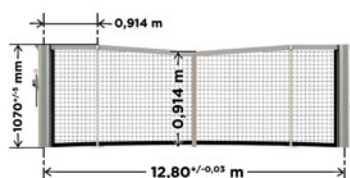
C. Side lines

D. Service line

E. Central service line

F. Retreat area : 6.10 m minimum

G. Disengaging zone : 3.5 m minimum



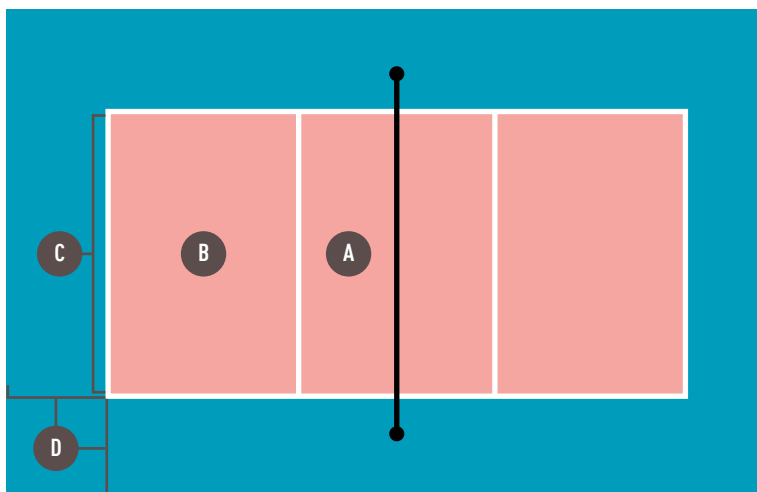
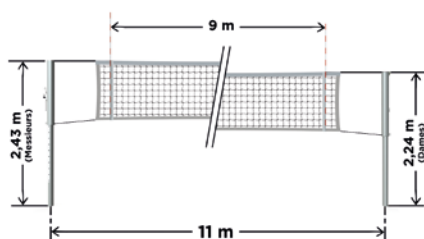
Volleyball field

Playing area length : 18 m

C. Playing area width : 9 m

A. Front zone B. Back zone C. Service zone

D. Disengaging zone : 3 m mini.



OUR STRATEGY AND THE METALU +



STRATEGY IN 3 POINTS

- 1 Sales by a network of professionals
- 2 Installation and maintenance by a network of specialists
- 3 Metalu Plast: it is manufacturing and service

METALU +

- + Compliance with delivery time
- + Stock of products
- + Wide range of products
- + Custom-made manufacturing
- + The technical documentation
- + The APAVE certification
- + Studies and calculation notes
- + Customers extranet
- + Our Environnemental Management System
- + Our labels "Origine France Garantie" and "Authorised Economic Operator"
- + Selection of colors

BADMINTON

COMPETITION 8
SCHOOL - LEISURES 9





Upper position



Ref. FOUR007



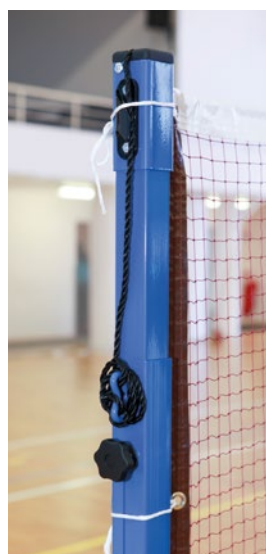
Certification N° FFBad PF40-2014
Certified with the Ref.112BA526 net

Adjustable posts to be socketed Type 1, Class A and B

METALU +

- + Handibad
- + Lightweight: adapted to school practice
- + Easy transportation

- Powder coated square steel tube, 40 x 40 mm **Ref. BA020220**
- Adjustable height from 1400 to 1550 mm
- 2 posts to be socketed
- **Option** : sockets and caps **Ref. FOUR007**



Certification N° FFBad
PF40-2014.
Certified with the
Ref.112BA526 nets



Ref. BA021225

Adjustable posts with base and floor fixation, Type 2, Class A and B

- Powder coated square steel tube, 40 x 40 mm **Ref. BA021225**
- Adjustable height from 1400 to 1550 mm
- Floor fixing with a striking dowel that is screwed into the ground
- 2 posts



Certification N° FFBad PF40-2014
Certified with the Ref.112BA526 net

Ballasted competition posts Class A and B

- 2 freestanding posts of 75 kg with counterweights, powder coated steel square tube 40 x 40 mm, counterweight of 20 kg integrated into the post's base **Ref. BA021227**
- Net tensioning by clamcleats, and locked by link
- 5 counterweights (not included) of 10 kgs by post, secured by a fixing ring
- Net included, **Ref. 112BA526**
- 2 wheels Ø 125 mm per posts

METALU +

- + Adjustable height
- + Easy to install
- + Easy net tensioning due to the clamcleats
- + Easy transportation due to the wheels



Ref. BA020210

Posts to be socketed

- Powder coated square steel tube, 40 x 40 mm
- Height: 1550 mm
- References:
 - 2 main posts: **Ref. BA020210**
 - Central post: **Ref. BA020213**
- Sockets and caps in option **Ref. FOUR007**



Ref. BA021202



Ref. BA021203

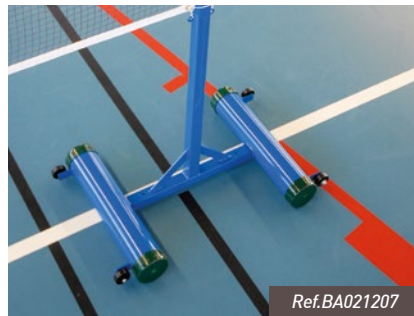
Badminton mobile

- Freestanding posts
- Squared powder coated steel tubes 40 x 40 mm with a rolling base
- Height: 1550 mm
- 2 posts 45 kg (each) with iron ballasts **Ref. BA021203**

- 2 posts 25 kg (each) with iron ballasts **Ref. BA021202**
- 1 central post 45 kg with iron ballast **Ref. BA021208**
- Upgrade the 25 kg posts (**BA021202**) to a 45 kg version by combining them with the 20 kg counterweight (**BA021212**)
- To build 2 badminton playgrounds, combine the products:
2 freestanding posts + 1 central post = 2 fields! (**BA021203** or **BA021202**) + (**BA021208**)



Ref. BA021206



Ref. BA021207

Posts with base to ballast

- Square powder coated steel tubes 40 x 40 mm
- Powder coated steel base, to be filled with sand to be ballasted
- Height: 1550 mm
- 2 post to be ballasted **Ref. BA021206**
- 1 central post to be ballasted **Ref. BA021207**



Ref. BA020205



Ref. BA020101

"Eco" badminton posts

- 2 posts with base plate to be ballasted **Ref. BA020205**
- 500 x 300 mm dismantlable and powder coated plates, to be ballasted with bags, buckets or weights
- Net fixation with a ring
- Height: 1550 mm
- Square posts with a 30 x 30 mm powder coated mast **Ref. BA020201**
- 3 stands base plate
- Height: 1550 mm

Accessories

- 2 iron ballasts 20 kg each **Ref. BA021212**
- 2 socket adaptators to fit square badminton posts into Ø 90 mm round sockets **Ref. BA020215**
- 2 sockets for 40 x 40 mm posts. Length 300 mm **Ref. FOUR007**



Ref. BA021212



Ref. BA020215



Ref. FOUR007



BASKETBALL

BALL

BASKETBALL

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OUTDOOR BASKETBALL GOAL

OVERHANG 2.25 M - COMPETITION

Compliant with the code of sport and the NF EN 1270

Grey RAL 7016 textured



COLOR on request



METALU +

- + Anticorrosion treatment: weather resistance
- + Specific combined head
- + Verticality of the backboard adjustable
- + Height of the backboard adaptable
- + High-end product

BASKET



Fixed height 3,05 m - Standard frame PES backboard

	Direct installation	Base plate sealing
Hot-dip galvanized steel	BB131602RE-A	BB131702RE-A
Powder-coated galvanized steel	BB131603RE-A	BB131703RE-A



Fixed height 3,05 m - Galvanized frame méthacrylate backboard

	Direct installation	Base plate sealing
Hot-dip galvanized steel	BB131602RE-FIXE-A	BB131702-FIXE-A
Powder-coated galvanized steel	Option	Option

	Overhang 2.25 m
	Square steel tubes 140 x 140 mm
	Hot-dip galvanized or hot-dip galvanized and powder-coated
	Fixed head 3.05 m height - Adjustable head 2.6 or 3.05 m height
	<p>For the adjustable head version: backboard lift and drop with a stainless worm screw system</p> <p>Standard fixed height or adjustable head goal: PES backboard included, 1800 x 1050 mm, with reinforced ring and net Ø 5 mm</p> <p>Fixed head with galvanized frame: methacrylate backboard included 1800 x 1050 mm, with reinforced ring and net Ø 5 mm</p> <p>Fixation of the ring directly to the structure: no pressure on the backboard</p> <p>Brace to adjust the height and the verticality of the backboard and reinforce the structure</p>
	<p>Direct installation or base plate sealing</p> <p>For the base plate sealing: counter-plate not included Ref. BB031816-UNITE</p>
	Sold per unit



Adjustable height 2,60 ou 3,05 m - Galvanized frame PES backboard

	Direct installation	Base plate sealing
Galvanized steel	BB131602RE-COMB-A	BB131702RE-COMB-A
Powder coated galvanized steel	Option	Option

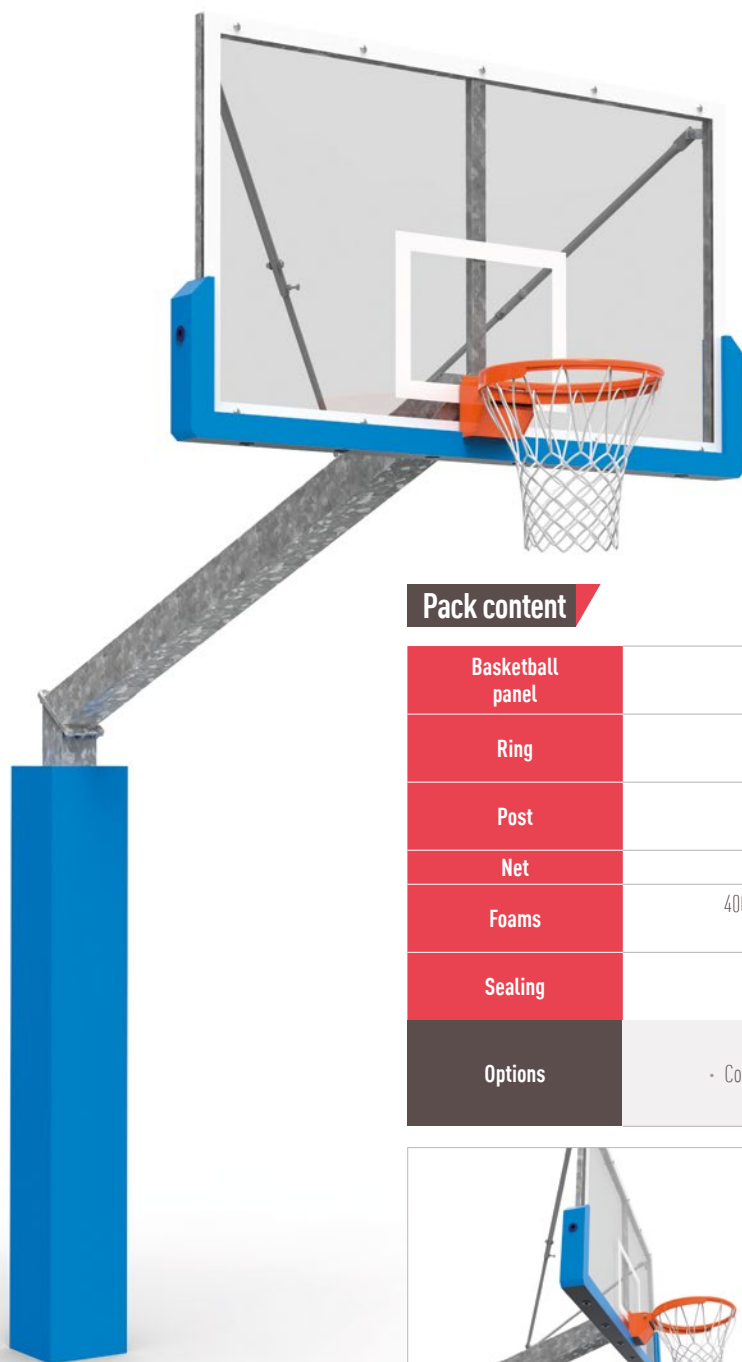
3X3 BASKETBALL COMPETITION PACK

FULL REGULATORY OFFER

Compliant with the code of sport and the NF EN 1270

Hot galvanized steel

COLOR on request



METALU +

- + 3x3 compliant pack
- + Height adjustable head

Informations

The 3x3 basketball officially became an olympic sport during the games of Rio in 2016.

The pack we proposed, meets the technical specifications of the FFBB and contains all equipments you need to host 3x3 competitions.

Pack content

Basketball panel	Rectangular methacrylate basketball panel 1800 x 1050 mm Hot galvanized steel fixed head
Ring	Dunk ring Height 3.05 m
Post	Hot galvanised plastic coated, square post 140 x 140 mm Mast in two parts assembled with 6 bolts, overhang 2.25 m
Net	Ø 6 mm wire net
Foams	400 mm protective foam on lower part of the post : 120 mm thickness Protective foam to be screwed on lower part of backboard
Sealing	Base-plate sealing Ref. BB131604RE-FIXE-A or direct installation depth 700 mm Ref. BB131704RE-FIXE-A
Options	<ul style="list-style-type: none"> - 2 additional struts - Counter-plate to be sealed for base plate goal, Ref. BB031816-UNITE - Powder-coated post



Protective foam on backboard



Dunk ring

3x3 playground size

The playground must be marked out by 5 cm lines

Depth of playing area : 11 à 14 m

Width of playing area : 15 m

A. Disengaging zone: 2 m minimum

B. Restricted area : 4.9 x 5.8 m

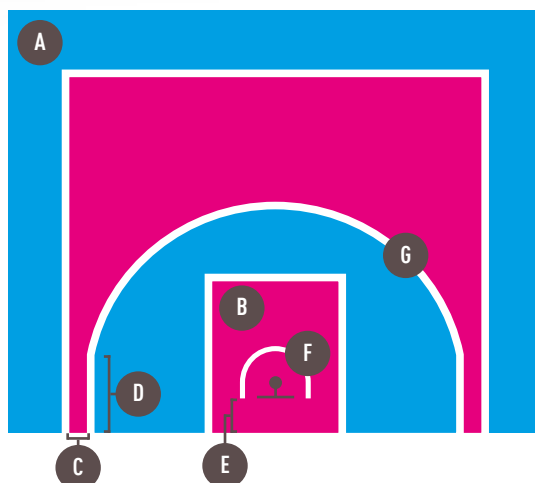
C. 0.9 m

D. 2.99 m

E. 1.2 m

F. Ø 1.25 m

G. Ø 6.75 m



Option 2 additional struts

OUTDOOR BASKETBALL GOAL

OVERHANG 1.20 M - TRAINING/SCHOOL

Compliant with the code of sport and the NF EN 1270

Grey RAL 7016 textured

COLOR on request



METALU +

- + Delivered in 2 parts
- + Simplified installation
- + Max length of boxes: 3 m
- + Max weight of boxes: 29 kg

100 x 100 mm square posts

	Overhang 1.20 m
	Square steel tubes 100 x 100 mm
	Galvanized and powder coated Hot-dip galvanized
	2.60 or 3.05 m fixed height
	Rectangular panel 1200 x 900 mm (RE) or 1/2 moon PES (DL) 1120 x 775 mm, or HDPE (PH) 1200 x 900 mm or grating backboard 1200 x 1000 mm (CB) Reinforced ring and a Ø 5 mm wire net
	Direct installation or base plate sealing For the base plate sealing: counter-plate not included Ref. BB031816-UNITE For the 2 parts template, mounting type: plate / counter-plate
	Sold per unit

		Fixed height: 2.60 m		Fixed height: 3.05 m	
		Direct installation	Base plate sealing	Direct installation	Base plate sealing
One piece	Hot-dip galva, non powder coated	BB130202	BB130302	BB130602	BB130702
	Galva, powder coated	BB130203	BB130303	BB130603	BB130703
2 parts	Hot-dip galva, non powder coated	BB140202	BB140302	BB140602	BB140702
	Galva, powder coated	BB140203	BB140303	BB140603	BB140703



Ø 114 mm round post

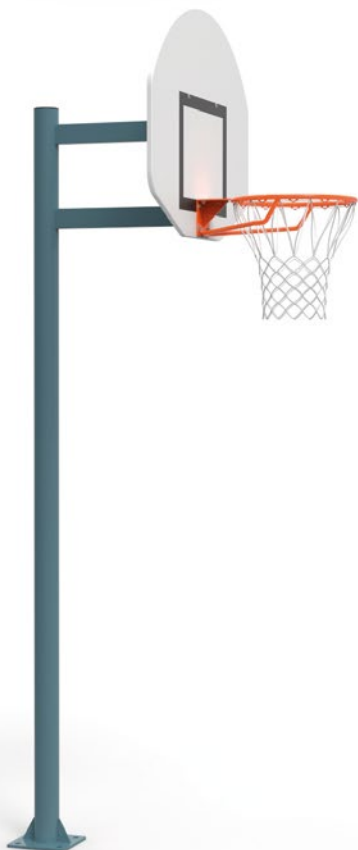
	Overhang 1.20 m
	Steel tubes Ø 114 mm
	Galvanized and powder coated
	2.60 or 3.05 m fixed height
	Rectangular panel 1200 x 900 mm (RE) or 1/2 moon PES (DL) 1120 x 775 mm, or HDPE (PH) 1200 x 900 mm Reinforced ring and a Ø 5 mm wire net
	Direct or base plate sealing For the base plate sealing: counter-plate not included Ref. BB031816-UNITE
	Sold per unit

References	Direct installation	Base plate sealing
2.60 m height	BB13D203	BB13D303
3.05 m height	BB13D603	BB13D703








OUTDOOR BASKETBALL GOAL

OVERHANG 0.60 AND 1.20 M - SCHOOL

Compliant with the code of sport and the NF EN 1270

Grey RAL 7016 textured COLOR on request 

Aluminium 120 x 80 mm rectangular posts





	Overhang 0.60 m ou 1.20 m
	Aluminium 120 x 80 mm
	Powder coated
	2.60 or 3.05 m fixed height
	Rectangular panel 1200 x 900 mm (RE) or 1/2 moon PES (DL) 1120 x 775 mm, or HDPE (PH) 1200 x 900 mm Reinforced ring and a Ø 5 mm wire net
	Direct installation
	Sold per unit

METALU +

- + Light and easy to move: from 36 kg
- + Resistance to corrosion

	1.2 m overhang	0.60 m overhang
2.60 m height	BB132203	BB133203
3.05 m height	BB132603	BB133603

Ø 102 mm round post

	Overhang 0.60 m
	Steel Ø 102 mm
	Galvanized and powder coated
	2.60 or 3.05 m fixed height
	Rectangular panel 1200 x 900 mm (RE) or 1/2 moon PES (DL) 1120 x 775 mm, or HDPE (PH) 1200 x 900 mm Reinforced ring and a Ø 5 mm wire net
	Direct or base plate sealing For the base plate sealing: counter-plate not included Ref. BB031816-UNITE
	Sold per unit

	Direct installation	Base plate sealing
2.60 m height	BB14D203	BB14D303
3.05 m height	BB14D603	BB14D703

OUTDOOR BASKETBALL GOAL

SPECIFIC MODELS

Compliant with the code of sport and the NF EN 1270

Hot galvanized steel

COLOR on request



Overhang from 0.60 to 1.20 m with adjustable head

METALU +

- + Fully adjustable system
- + Custom-made overhang
- + Solidity of the structure

- Reinforced square mast 100 x 100 mm in hot galvanized steel
- Direct installation or base plate sealing
- Overhang from 0.6 to 1.20 m to be defined when ordering (ex : 0.85 m)
- Height 2,60 or 3,05 to be defined when ordering
- Fixed or combined head adjustable height:
At your choice: 1200 x 900 mm or 1800 x 1050 mm
- Rectangular PES or Methacrylate backboard
- Regulatory reinforced ring or ring without net



2 heads tower

2 or 4 heads tower

	Overhang 1 m
	2 heads tower: 100 x 100 mm square steel mast 4 heads tower : 140 x 140 mm square steel mast 100 x 100 mm steel arms
	Galvanized
	2.60 or 3.05 m fixed height
	Rectangular panel 1200 x 900 mm (RE) or 1/2 moon PES (DL) 1120 x 775 mm, or HDPE (PH) 1200 x 900 mm Reinforced ring and a Ø 5 mm wire net
	Direct or base plate sealing For the base plate sealing: counter-plate not included Ref. BB031816-UNITE
	Sold per unit

- Possibility to get 2 different heights on the same tower, on request
- Facing towers should be at the same height.
- Powder-coating on request.

	2,60 m height		3,05 m height	
	Direct installation	Base plate sealing	Direct installation	Base plate sealing
2 heads tower	BB134202	BB134302	BB134602	BB134702
4 heads tower	BB135202	BB135302	BB135602	BB135702

MOBILE COMPETITION BASKETBALL GOAL

INDOOR OR OUTDOOR

Compliant with the code of sport and the NF EN 1270

White RAL 9010

COLOR on request



	Overhang 2.25 or 3.25 m The 3.25 m overhang mast is reinforced by gussets absorbing compression efforts
	Structure in 80 x 80 mm square steel tubes 140 x 140 mm square steel mast tube
	Powder-coated or hot dip galvanized
	Fixed head 3.05 m height Adjustable head 2.6 and 3.05 m height
	For the adjustable head version: backboard lift and drop with a stainless worm screw system Delivered with a PES backboard, a reinforced ring and a Ø 5 mm wire net. Fixation of the ring directly to the structure not causing any pressure on the backboard Additional value for a tempered glass or methacrylate backboard 1800 x 1050 mm Brace and adjustable head to adjust the height and the verticality of the backboard
	4 bolts anchoring for in-game use and folded position
	Sold per unit

Advice

These products are designed for an indoor use. They should be anchored both in-game and in a folded situation.

METALU +

- + Easy mobility and set up with transportation wheels
- + The hydraulic jack works by traction and not extension, providing rigidity in play position
- + 8 supports in playing position

Accessories:

- Set of 4 counterweights for a 2.25 m overhang goal - Ref. BB031040-OP01-U
- Set of 4 additional anchors - Ref. HB050418
- Add value for a backboard in tempered glass 1800 x 1050 x 12 mm - Ref. BB031040-OP30-U
- Add value for 1 methacrylate backboard 1800 x 1050 x 15 mm - Ref. BB031040-OP10-U
- Add value for a 105 kg competition ring tube type - Ref. BB031040-OP20-U
- White net with Ø 6 mm wire - Ref. 112BB0003
- Screw-on foam board protector - Ref. BB031125

		Fixed height 3,05 m		
		Indoor	Galvanized - outdoor New	
		Powder-coated steel	Galvanized	Galvanized and powder-coated
2.25 m overhang	BB131040-FIXE	BB131041RE-FIXE	BB131042RE-FIXE	
3.25 m overhang	BB131050-FIXE	BB131051RE-FIXE	BB131052RE-FIXE	

		Adjustable height 2,60 or 3,05 m		
		Indoor	Galvanized - outdoor New	
		Powder-coated steel	Galvanized	Galvanized and powder-coated
2.25 m overhang	BB131040-COMB	BB131041RE-COMB	BB131042RE-COMB	
3.25 m overhang	BB131050-COMB	BB131051RE-COMB	BB131052RE-COMB	

TELESCOPIC MOBILE INDOOR BASKETBALL GOAL

TRAINING - OVERHANG FROM 0.70 TO 1.20 M

Compliant with the code of sport and the NF EN 1270

White RAL 9010

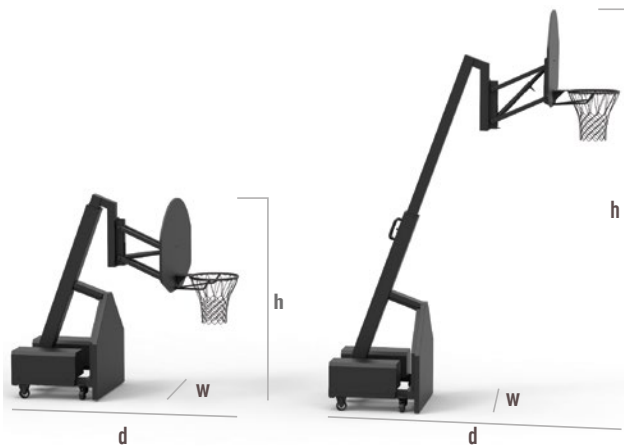


COLOR on request



METALU +

- + Easy to move and deploy
- + Large overhang, from 0.70 to 1.2 m
- + Passes under doors



Mini (overhall)

Width (w)	1.20 m
Depth (d)	2.24 m
Overhang	0.70 m
Height (h)	1.99 m

Maxi (overhall)

Width (w)	1.20 m
Depth (d)	2.74 m
Overhang	1.20 m
Height (h)	3.80 m

- Adjustable gas cylinder head with 1/2 moon PES backboard **Ref. BB130220DL**
- Adjustable gas cylinder head with rectangular PES backboard **Ref. BB130220RE**
- Adjustable worm screw head and 1/2 moon PES backboard **Ref. BB130230DL**
- Adjustable worm screw head with rectangular PES backboard **Ref. BB130230RE**

Accessories

- Set of 2 additional expansion dowels for goal storage **Ref. BB130201**

Informations

Color on request, adjustable head not included.

	Height of ring	Overhang		Height of ring	Overhang
Upper position	3.05 m	1.20 m	Lower position	2.60 m	1.20 m
	2.60 m	1.05 m		2.15 m	1.05 m
	2.20 m	0.90 m		1.75 m	0.90 m
	1.65 m	0.70 m		1.20 m	0.70 m

	0.7 to 1.2 m overhang depending on the height
	Telescopic square steel mast Weighted 80 x 80 mm square steel trolley
	Powder coated
	Adjustable head by screw or gas
	Rectangular backboard 1200 x 900 mm (RE) or 1/2 moon PES (DL) or HDPE (PH) 1120 x 775 mm Reinforced circle with Ø 5 mm net wire
	Fixation to the ground with 1 or 2 expansion dowels for non-cracked concrete floors, reinforced or not. 2 x 36 kg ballasts with protective cover Equipped with 4 wheels for transport: 2 fixed and 2 swivel wheels
	Sold per unit

INDOOR MOBILE BASKETBALL GOAL

FIXED OR ADJUSTABLE HEAD- 0,60 M OVERHANG

Compliant with the code of sport and the NF EN 1270

White RAL 9010

COLOR on request






Height of the panel adjustable at installation from 1.20 m to 2.60 m or from 1.20 m to 3.05 m



METALU +

- + Easy to move
- + Sturdy and sustainable
- + Various versions available: fixed or adjustable height

	Overhang 0.60 m
	100 x 100 mm square steel mast Ballasted trolley made of steel tube 80 x 80 mm 2 galvanized steel supports Ø 32 mm
	Powder coated
	Fixed or adjustable head (gas or screw) as required
	Rectangular backboard 1200 x 900 mm (RE) or 1/2 moon PES (DL) or HDPE (PH) 1120 x 775 mm Reinforced circle with Ø 5 mm net wire
	Fixation to the ground with 1 or 2 expansion dowel for non-cracked concrete floors, reinforced or not. 2 x 36 kg ballasts with powder-coated steel protective cover Equipped with 4 wheels for transport: 2 fixed and 2 swivel wheels
	Sold per unit

Accessories

- Optional additional ballast **Ref. BB1302LS**
- Protection foams of the mast, **Ref. MOUS0201**
- Low protection foam, **Ref. MOUSBB03**
- Set of 2 additional expansion anchors for storage, **Ref. BB130201**

Type		References
Fixed head Height 2.60 m	Rectangular backboard	BB130208RE-A
	Half-moon backboard	BB130208DL-A
Fixed head Height 3.05 m	Rectangular backboard	BB130210RE-A
	Half-moon backboard	BB130210DL-A
Adjustable worm screw head Height 2.60 ou 3.05 m	Rectangular backboard	BB130218RE-A
	Half-moon backboard	BB130218DL-A
Adjustable gas cylinder head Height 2.60 ou 3.05 m	Rectangular backboard	BB130219RE-B
	Half-moon backboard	BB130219DL-B

Information

These products are intended for indoor use only. They must be anchored in game position and storage. The goals must be equipped with a reinforced circle and backboard of maximum size 1200 x 900 mm. 1 counterweight (2 on request) is delivered per goal. Do not remove it: it secures the goal when moving and setting it up.

Color on request, adjustable head not included.

INDOOR ROOF-MOUNTED BASKETBALL GOAL

RAISABLE AND/OR RETRACTABLE - COMPETITION

Compliant with the code of sport and the NF EN 1270

White RAL 9010



COLOR on request



For the installation of new gymnasiums or the renewal of equipment, Metalu Plast designs and manufactures custom-made raisable roof-mounted basketball goals in either standard version or with a retractable mast.

Consult our team, and our engineering office will provide you with an optimized installation solution:

- By integrating the gymnasium constraints (height, material, obstacles...)
- By offering a suitable mast type: with a simple or sliding mast
- By offering the best fixation system for the structure and the necessary adjustments
- By adapting the project to your needs: straight or angled mast, fixed or adjustable head, type of backboard...
- With respect to safety standards: Metalu Plast integrates an independent double bracing
- In accordance with the mandatory game perimeter

Retractable goal

- A single motor connected to a pulley system allows to retract the sliding mast and lift the main mast.
- The retractable basketball goal reduces the length of the mast by a maximum of 2.50 m when storing it.
- Double tube 80 x 40 mm reinforced sliding mast with leak-proof ball bearings. The sliding quality is ensured by the specific positioning of the bearings on the 2 masts.
- The retractable system can be used, for example, to avoid a light fixture, curtain rail or heater, to allow lifting between two trusses too close together or to prevent the goal from ending up in the play area when playing other sports in the room.

Structure	White powder coated steel RAL 9010 structure. Main mast in 100 x 100 mm steel tube. The goal goes down for the gameplay.
Overhang	Length of the masts depending on the project
Adjustment	An adjustable stop system allows a very fine adjustment of the backboard position.
Security	Double bracing of the goals on the masts for a better solidity of the structure in the play position, or when lifting.
Head	Fixed or adjustable head. Compatible with all 1800 x 1050 mm backboards (polyester, methacrylate, tempered-glass), or 1200 x 900 mm
Fixation	Possible fixation on metal, wooden, concrete and walls in gable, roof structure
Complementary information	Delivered with installation accessories. These products are designed for an indoor use only



METALU +

- + Dedicated internal design office
- + Completely custom-made
- + Adapted to room configurations
- + High rigidity of the sliding masts
- + Adjustment precision
- + Safety of the double bracing
- + Stability of the head



Focus on retractable basketball mast

Information

The conception of this product is specific to each gymnasium depending on the framework and the fixation possibilities. The detailed drawings of the building are essential to the design of your project (plans of the roof trusses, face and side view and plan of the gymnasium with top view with the field tracing).

Ask your sales advisor for the full file about the roofmounted basketball goal.



Roof-mounted basketball goal in a lifted position

RAISABLE ROOF-MOUNTED GOAL - COMPETITION

ELECTRIC ADJUSTABLE HEAD **New**

Compliant with the code of sport and the NF EN 1270

Information

Metalu-Plast can install on an existing structure, a new fixed head or an adjustable head 2.60 or 3.05 m.

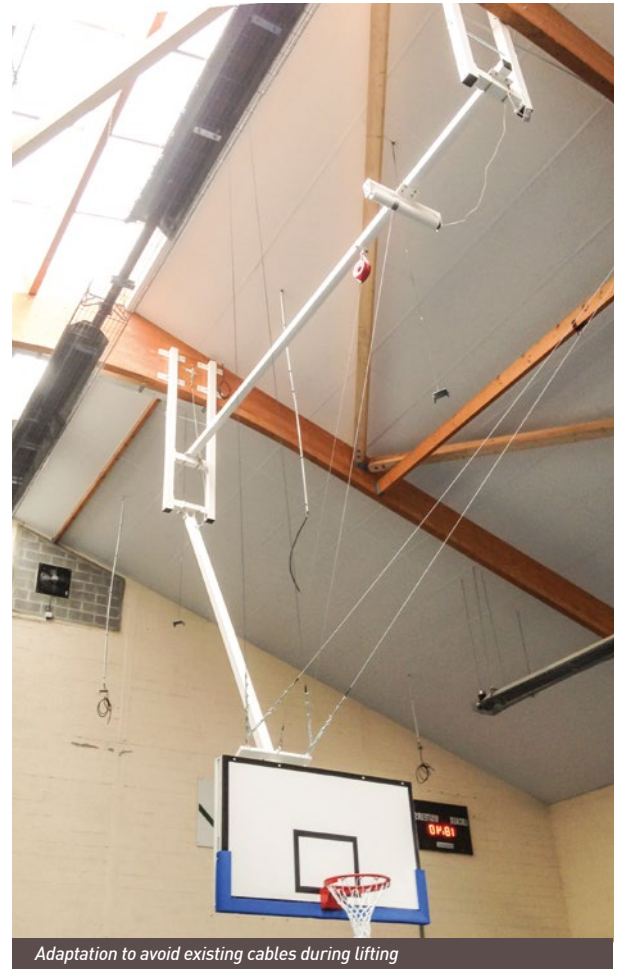
With a fixed head **Ref. BC030401** or adjustable head **Ref. BC030402**



Angled mast to avoid a row of neon lights



Adaptation of a head on an existing structure



Adaptation to avoid existing cables during lifting

New



METALU +

- + Durability
- + Simplicity

Electric motor for combined head

- Electric control 2 positions: 2.60 m or 3.05 m
- 230 V
- Motor tested at 450 Kg
- **Endurance test : 14 000 complete cycles (up + down)**
More than 3 cycles per day for 10 years!

INDOOR ROOF-MOUNTED BASKETBALL GOAL

SPARE PARTS

Compliant with the code of sport and the NF EN 1270



Winches



Standard mural electric crank



300 kg manual crank



Protection cap for electric cranks

Products	References	Presentation
Standard mural electric crank	BC030202	System enabling the roof-mounted basketball goals lifting without any effort. Delivered with a secured key power contactor.
Standard disengageable mural electric crank	BC030203	Disengageable in case of a power failure and could be handled manually with a handle.
300 kg manual crank	BC030201	Auto-braking and reversible crank. Integral protection with a crankcase. Delivered with a handle.

Safety elements



Clipping fixation of the lifting pulleys and anti-fall system



Anti-fall with automatic callback



Accessories kit Ref. BC030300 and steerable pulley Ref. BC030812

Products	References	Presentation
Protection cap for mural electric winch	BC030207	Recommended to protect electric winch installed at heights under 4 m. To be screwed on the winch. Designed to be used with a disengageable handle.
Anti-fall with automatic callback	BC030601	10 m anti-fall. Security disposal made mandatory within the NF S 52-400 standard on the roof-mounted basketball goals
Accessories kit	BC030300	A. Galvanized drop cables Ø 6 mm (22 units) B. Galvanized steel cable Ø 6 mm (100 ml) C. Cable clamp Ø 6 mm (70 units) D. Turnbuckle n°12 (8 units) E. Quick link n°10 (34 units)
Steerable pulley	BC030812	F. Steerable pulley

INDOOR BASKETBALL

FOLDABLE WALL-MOUNTED - COMPETITION

Compliant with the code of sport and the NF EN 1270

White RAL 9010

COLOR on request



Competition foldable wall-mounted



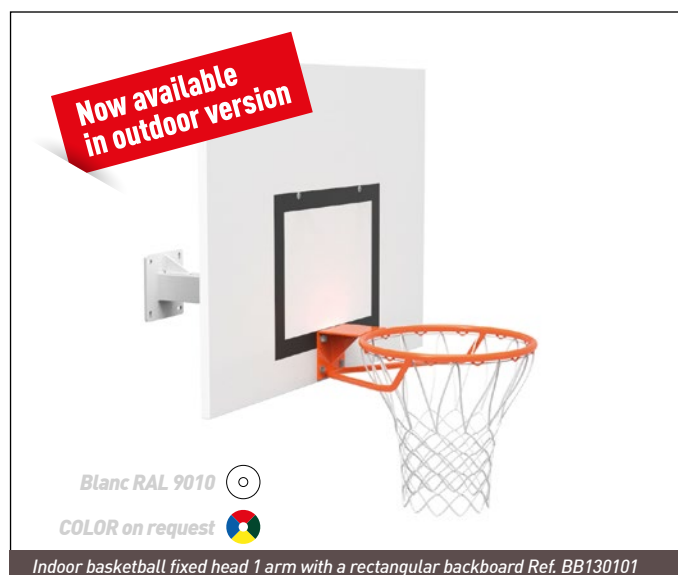
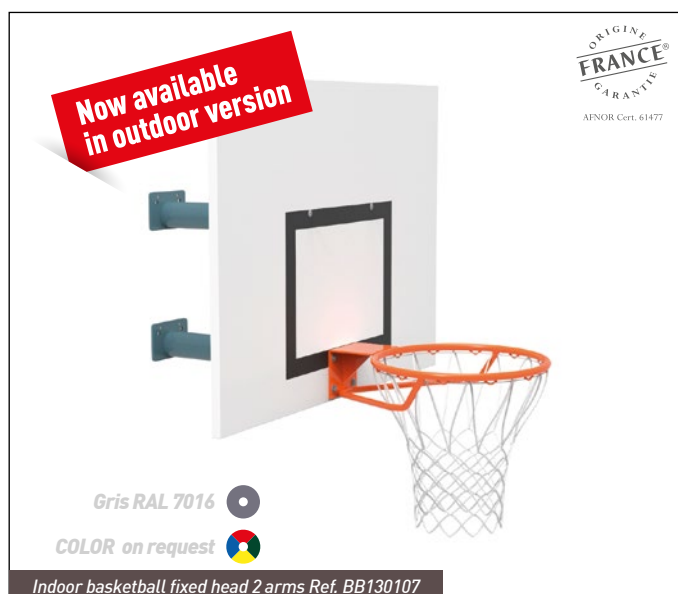
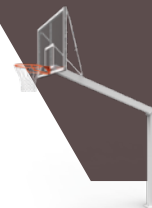
Informations

These products are designed for an indoor use only. Metalu Plast studies and adapts the competition foldable wall-mounted basketball goal to the potential constraints of the gymnasium.

	Standard overhang between the wall and the backboard between 1.5 m and 4.5 m
	<p>Metallic structure in Ø 60 mm tubes</p> <p>2 braces in Ø 27 mm steel tubes enable the fixation of the goal on the top part and its stability</p> <p>Frame in rectangular steel tube 50 x 30 mm following the backboard dimensions</p>
	Powder coated steel
	<p>Fixed head 2.6 or 3.05 m height</p> <p>Adjustable head 2.6 and 3.05 m height</p>
	<p>Structure compatible with a standard rectangular backboard 1800 x 1050 x 20 mm</p> <p>Integration of a 1200 x 900 mm backboard on request</p>
	<p>Goal delivered with fixation accessories, ring, net and protection foam.</p> <p>Goal locked in playing position. Operating cross enable to unlock the goal to fold it against the wall</p>
	Sold per unit

INDOOR BASKETBALL WALL-MOUNTED-TRAINING

Compliant with the code of sport and the NF EN 1270



	Overhang 0.6 m
	Structure in steel 4 wall fixations
	Powder coated and galvanized or just galvanized on request (for an outdoor use and with a fixed head only)
	Fixed head with height of 2.60 or 3.05 m Adjustable head with height of 2.60 and 3.05 m
	Rectangular panel 1200 x 900 mm (RE) or 1/2 moon PES (DL) 1120 x 775 mm Reinforced ring and a Ø 5 mm wire net
	Delivered with fixation accessories Goal locked in playing position. Operating cross enables to unlock the goal to lift and drop the goal in playing situations
	Sold per unit

Information

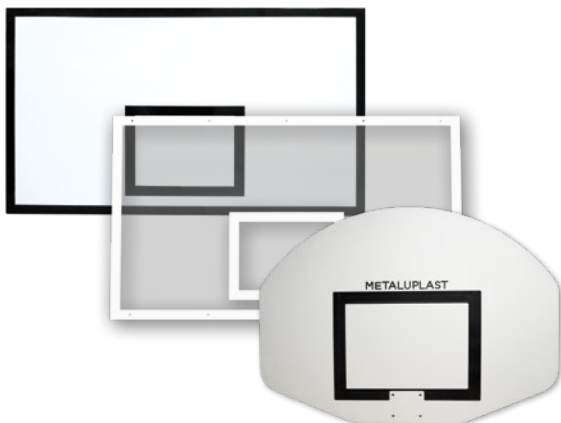
Possibility to use an outdoor basketball goal with a specific anti-rust treatment (consult us).

When the support is not "straight", the goal is adjusted to "specific" support. Different parameters are examined: resistance, dimension (width, depth, etc.), tilts... And all types of supports: concrete, wooden, metallic posts... In this case, consult us.

		References	
Fixed head	1 arm	BB130101	
	2 arms	BB130107	
Adjustable head	1 arm	New BB130108	Hot dip galvanized
	2 arms	New BB130111	Hot dip galvanized
	Gas cylinder	New BB130120-A	
	Gas cylinder	New BB130122	Galvanized and powder-coated
	Worm screw	BB130125	

BASKETBALL ACCESSORIES

Backboard



Use	Format	Material	Size	References
Competition	Rectangular	Tempered glass	1800 x 1050 x 12 mm	BB031110
	Rectangular with rim	Polyester	1800 x 1050 x 20 mm	BB031101
	Rectangular rimless	Polyester	1800 x 1050 x 20 mm	BB031091
	Rectangular	Methacrylate	1800 x 1050 x 20 mm	BB031104
	Rectangular	Methacrylate	1800 x 1050 x 15 mm	BB031105
Training	Rectangular	Grids	1200 x 1000 mm	BB031225
	Half-moon	Polyester	1120 x 775 mm	BB031210
	Rectangular with rim	Polyester	1200 x 900 x 20 mm	BB031102
	Rectangular rimless	Polyester	1200 x 900 x 20 mm	BB031092
	Rectangular	Methacrylate	1200 x 900 x 15 mm	BB031109
	Half-moon	HDPE ⁽¹⁾	1200 x 900 x 19 mm	BB031215-M

Rings

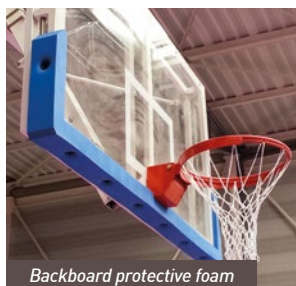


Products	Description	References
Competition	Dunk ring - Indoor Adjustable from 50 to 110 kg	New BB035100-U
(made by Metalu Plast)	Galvanized dunk ring - Outdoor Adjustable from 50 to 110 kg	New BB035101-U
Training	Regulatory reinforced ring	BB032101-UNITE
	Flat iron ring	BB032102-UNITE

Sold without nets



Accessories



Backboard protective foam



Post protection foam



Anchor to be sealed

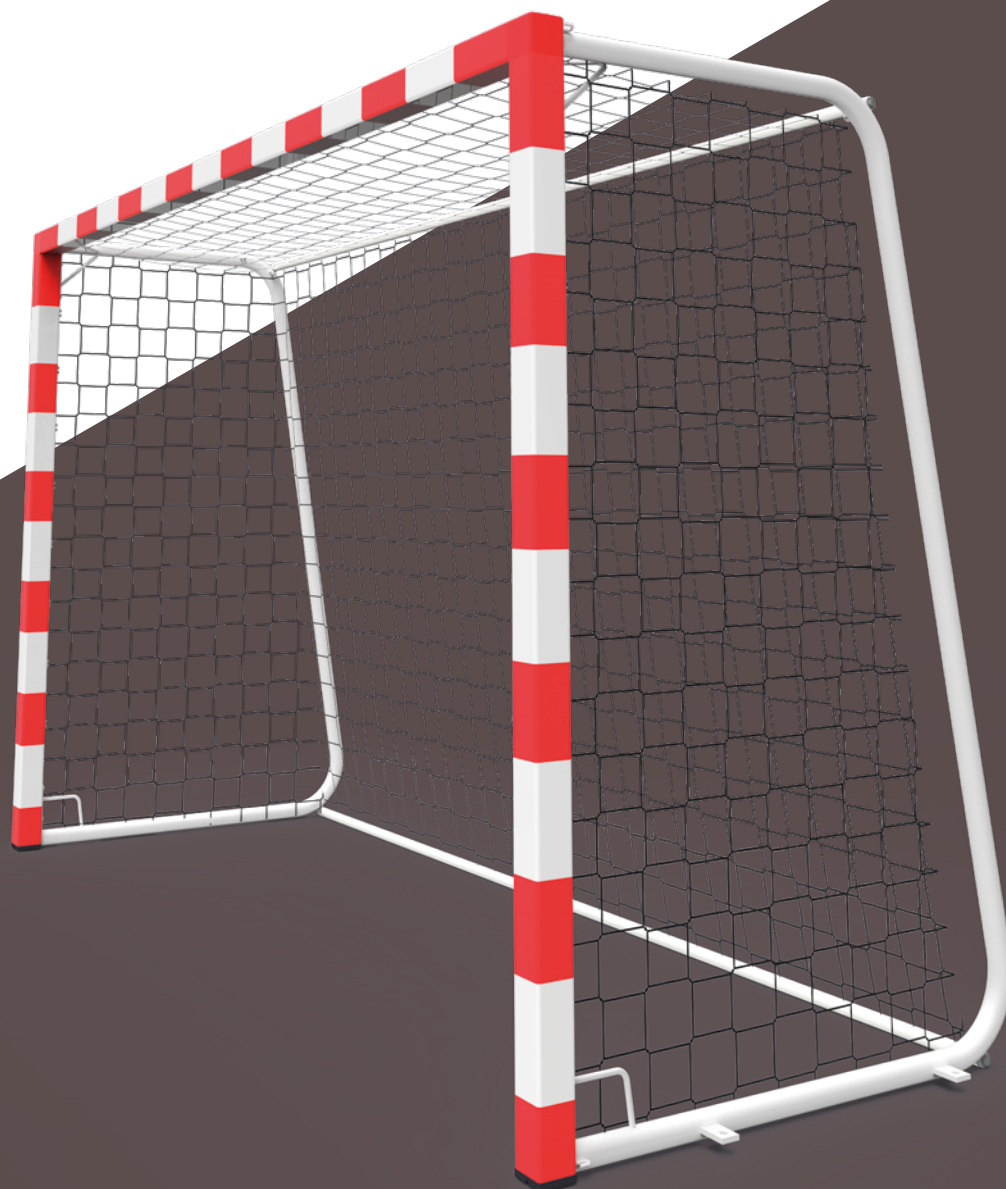
	Presentation of the product	References
Protection foams	Protection foam to be screwed for 1800 x 1050 mm backboard	BB031125
	Protection foam to be screwed for 1200 x 900 mm backboard	BB031126
	Protection foam to be stucked for 1800 x 1050 mm backboard	BB031106-UNITE
	200 x 200 x 2000 mm protection for 100 x 100 mm posts, Ø 102 and Ø 114 mm	MOUS0201
	300 x 300 x 2000 mm protection for 140 x 140 mm posts	MOUS0302
	Protection 200 x 400 x 2000 mm	Consult us
Other accessories	Protective foam on the lower part of the training mobile goal	MOUSBB03
	Anchors to be sealed for on plate basketball goals (unit)	BB031816-UNITE
	Latch anchors	BB031812
	Set of 4 anchors	HB050418
	Set of 2 anchors	BB130201
	M14 anchoring hook	BB031811
	Sealing socket for 100 x 100 mm goals (unit)	BB031815-UNITE
	Handle for adjustable worm screw head	BB031316
	Handling stick for adjustable gas cylinder head	BB031315

(1) HDPE is a water-proof, rot-proof and UV-treated synthetic material. Its longevity is exceptional



HANDBALL

PRODUCT RANGE PRESENTATION	26
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PRODUCT RANGE PRESENTATION

CHOOSE A HANDBALL GOAL

How to choose a handball goal ?

Criteria 1 - Fixing:

- Mobile goals: the 2 m posts are designed to outcrop the ground. The bottom part are closed off by a plastic cap.
- Goals to be socketed: the 2.36 m posts include a 36 cm part for ground socketing. Sockets not included

Criteria 2 - Frame types:

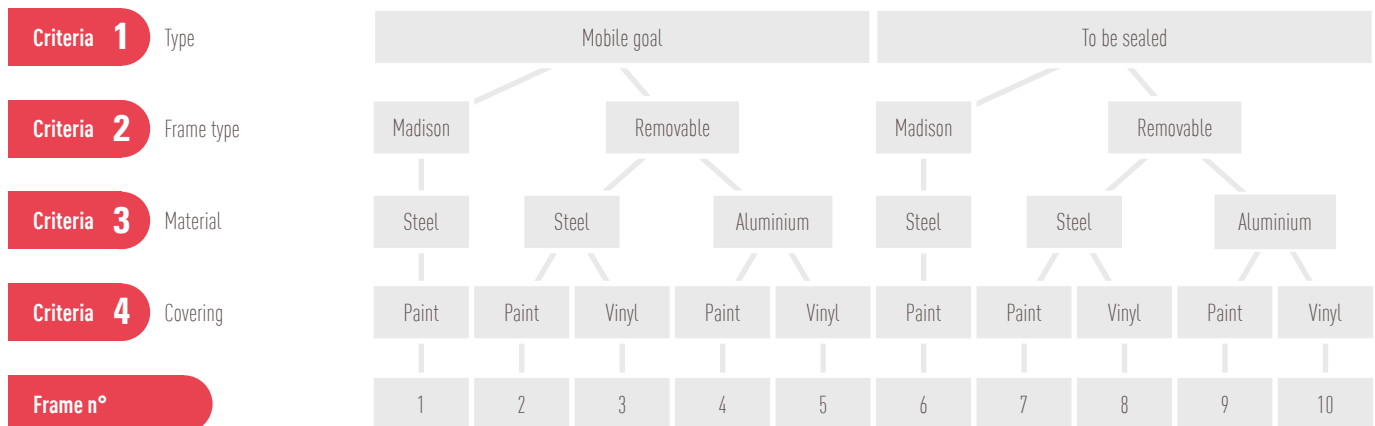
- The "Madison" front frame: one-piece front frame with reinforced miter cuts. PostLock® assembly system.
- Removable front frame: assembled with reinforced aluminium junction.

Criteria 3 - Material:

- Powder coated aluminium frames: the nylon hooks easily slide and adjust to the front frame in order to fix the nets (as required by the anti pinch standard).
- Powder coated galvanized steel frames: goals delivered with hooks already screwed to the frame.

Criteria 4 - Covering:

- Powder coated frames: Red and white strips are painted through a powder-coating process.
- Vinyl strips: Powder coated red frame with glued vinyl strips.



On all the handball product range charts, the front frame n° corresponds to these goals settings.



Aluminium profile
Powder-coated
80 x 80 mm



Steel profile
Powder-coated
80 x 80 mm



The Madison front frame

This exclusive Metalu Plast frame offers a great rigidity with a PostLock® fixation system.

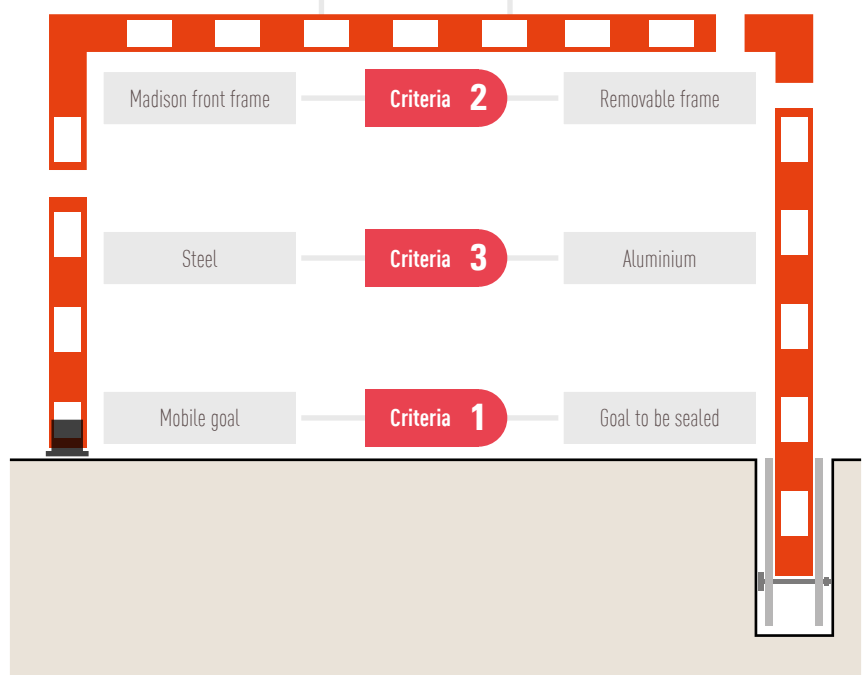
The PostLock® system is a registered design that allows the posts locking with internal clamping plates. The system enables a very stiff assembly and ensures a perfect holding over time. With the PostLock® system, the routing and the assembly of our products becomes as simple as with fixed removable front frames while offering an exceptional rigidity.

Combined with Ø 50mm arches, with 2 anchors or foldables, the Madison frame is adapted to high-level competition and handball practice.

Information

Mobile goals are delivered with anchors. The posts are closed off by a plastic cap.

Socketed goals are delivered with anchors and without aluminium sockets (sockets in option).



HIGH COMPETITION HANDBALL GOALS

Ø 50 MM ADJUSTABLE ARCHES

Compliant with the EN 749 standard

Red RAL 3000



White RAL 9010



COLOR on request



Competition goals with Ø 50 mm arches

METALU +

- + Suitable for all types of floors
- + Suitable on existing anchors
- + Very rigid and extremely robust goals
- + Designed for high level



Strut on the top

- 50 mm Ø foldable arches (from + 30° to - 90°), white powder coated galvanized steel, 1000 mm depth
- 2 adjustment jacks per goal included
- 2 struts on the top and 2 struts on the bottom
- 1 telescopic stabiliser bar
- 2 anchors per goal*
- * fixation with 2 expansion anchors for concrete grounds (delivered)

Options

- Colored front frame ("Color" color chart)
- Custom made anchors possible to adapt the goal to an existing installation

Frame	Type	Frame type	Material	White strips	References
1	Mobile	Madison	Steel	Paint	HB06N212NBI
6	To be sealed	Madison	Steel	Paint	HB06N213NBI

HIGH COMPETITION HANDBALL GOALS

FIXED Ø 50 MM ARCHES, DOUBLE STABILIZATION BAR

Compliant with the EN 749 standard

Red RAL 3000



White RAL 9010



COLOR on request



METALU +

- + Suitable for all types of floors
- + Very rigid and extremely robust goals
- + 4 anchors per goal
- + Designed for high level

Madison goals high competition with Ø 50 mm arches

Front frame description

- Assembling of the monobloc crossbar and posts by proprietary PostLock system
- Galvanized bicolor powder coated steel
- 80 x 80 mm section

Options

- Colored front frame ("Color +" color chart)

Arches description

- Ø 50 mm trapezoidal arches
 - top depth: 850 mm
 - bottom depth: 1170 mm
- Galvanized and white RAL 9010 powder coated steel tube, with reinforced corners (other colors on request)
- 2 stabilization bars at the top and bottom part Ø 32 mm
- Welded half-links to fix the damper net
- 4 anchors per goal. This system is particularly suitable for installation on soft floors.

- *fixation with 4 expansion anchors for concrete grounds (provided)

Frame	Type	Frame type	Material	White strips	References
1	Mobile	Madison	Steel	Paint	HB03N212NBI-HC
6	To be sealed	Madison	Steel	Paint	HB03N213NBI-HC

COMPETITION HANDBALL GOALS

Ø 50 MM FIXED ARCHES, STABILIZATION BAR
Compliant with the EN 749 standard

Red RAL 3000



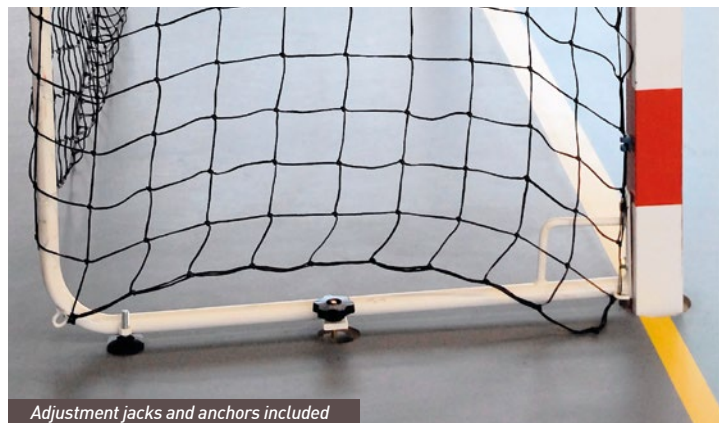
White RAL 9010



COLOR on request



Arches fixation on the frame



Adjustment jacks and anchors included

Competition handball goals with Ø 50 mm arches

- Ø 50 mm fixed arches
- White RAL 9010 powder coated galvanized steel tube reinforced in the angles
- Depth: 990 mm
- One Ø 32 mm stabilization bar on lower part
- 2 adjustment jacks per goal
- Delivered with 2 anchors
- Welded half links to attach the net

Frame	Type	Frame type	Material	White strips	References
1	Mobile	Madison	Steel	Paint	HB03N212NBI
2	Mobile	Removable	Steel	Paint	HB03N212BI
3	Mobile	Removable	Steel	Vinyl	HB03N212BV
4	Mobile	Removable	Aluminium	Paint	HB03N301BI
5	Mobile	Removable	Aluminium	Vinyl	HB03N301BV
6	To be sealed	Madison	Steel	Paint	HB03N213NBI
7	To be sealed	Removable	Steel	Paint	HB03N213BI
8	To be sealed	Removable	Steel	Vinyl	HB03N213BV
9	To be sealed	Removable	Aluminium	Paint	HB03N302BI
10	To be sealed	Removable	Aluminium	Vinyl	HB03N302BV

COMPETITION HANDBALL GOALS

Ø 32 MM FIXED OR FOLDABLE ARCHES

Compliant with the EN 749 standard

Red RAL 3000



White RAL 9010



COLOR on request



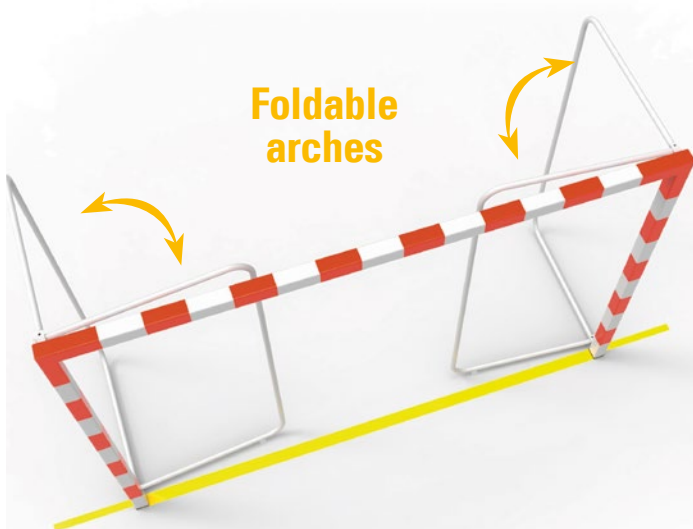
Goals with Ø 32 mm fixed arches

Arches description

- White powder coated galvanized steel tube RAL 9010 reinforced in the angles
- Fixed arches Ø 32 mm
- Depth: 990 mm
- 2 adjustment jacks per goal
- Delivered with 2 anchors
- Welded hooks to fix the net

Option : Stabiliser bar for the lower part

Frame	Type	Frame type	Material	White strips	References without stabilization bar	References with stabilization bar
1	Mobile	Madison	Steel	Paint	HB05N212NBI	HB04N212NBI
2	Mobile	Removable	Steel	Paint	HB05N212BI	HB04N212BI
3	Mobile	Removable	Steel	Vinyl	HB05N212BV	HB04N212BV
4	Mobile	Removable	Aluminium	Paint	HB05N301BI	HB04N301BI
5	Mobile	Removable	Aluminium	Vinyl	HB05N301BV	HB04N301BV
6	To be sealed	Madison	Steel	Paint	HB05N213NBI	HB04N213NBI
7	To be sealed	Removable	Steel	Paint	HB05N213BI	HB04N213BI
8	To be sealed	Removable	Steel	Vinyl	HB05N213BV	HB04N213BV
9	To be sealed	Removable	Aluminium	Paint	HB05N302BI	HB04N302BI
10	To be sealed	Removable	Aluminium	Vinyl	HB05N302BV	HB04N302BV



Goals with Ø 32 mm foldable arches

Arches description

- White RAL 9010 powder coated galvanized steel arches folding against the frame
- Depth 1025 mm
- 2 adjustment jacks per goal
- Delivered with 2 anchors
- Welded hooks to fix the net

Option : Ø 32 mm stabilization bar on lower part

- Suitable on existing anchors

Frame	Type	Frame type	Material	White strips	References
1	Mobile	Madison	Steel	Paint	HB02N212NBI
2	Mobile	Removable	Steel	Paint	HB02N212BI
3	Mobile	Removable	Steel	Vinyl	HB02N212BV
4	Mobile	Removable	Aluminium	Paint	HB02N301BI
5	Mobile	Removable	Aluminium	Vinyl	HB02N301BV
6	To be sealed	Madison	Steel	Paint	HB02N213NBI
7	To be sealed	Removable	Steel	Paint	HB02N213BI
8	To be sealed	Removable	Steel	Vinyl	HB02N213BV
9	To be sealed	Removable	Aluminium	Paint	HB02N302BI
10	To be sealed	Removable	Aluminium	Vinyl	HB02N302BV

COMPETITION HANDBALL GOALS

WALL-FOLDING GOALS OR RAISABLE

Compliant with the EN 749 standard

Red RAL 3000



White RAL 9010



COLOR on request



Foldable goal with large overhang



On post fitting Ref. HB01N001



Foldable goal with little overhang

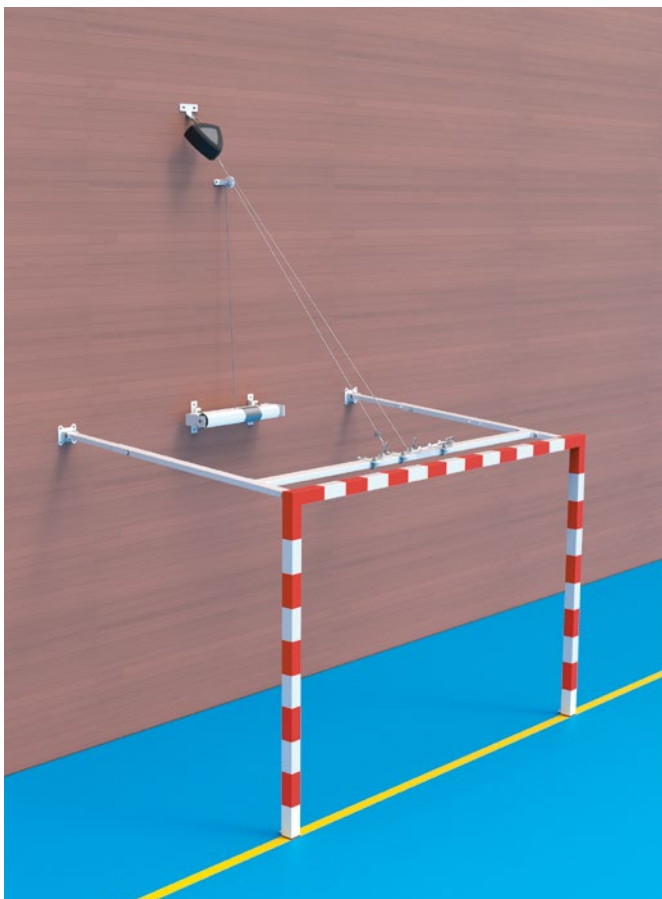
Wall-folding goals

Arches description

- White RAL 9010 powder coated galvanized steel square tube 35 x 35 mm and 30 x 30 mm
- Telescopic spacer bars attached to the wall for adjusting from 0.90 to 1.40 m or from 1.40 to 2.10 m
- 2 wheels per goal attached under the spacer bar for easier moving
- Delivered with 2 anchors
- Welded hooks to fix the net
- Exists on post fitting when wall mounting is not possible

Ref. HB01N001

Frame	Type	Frame type	Material	White stripes	Overhang	References
1	Mobile	Madison	Steel	Paint	0.9 à 1.4 m	HB01N212NBI
	Mobile	Madison	Steel	Paint	1.4 à 2.1 m	HB01N213NBI
2	Mobile	Removable	Steel	Paint	0.9 à 1.4 m	HB01N212BI
	Mobile	Removable	Steel	Paint	1.4 à 2.1 m	HB01N213BI
3	Mobile	Removable	Steel	Vinyl	0.9 à 1.4 m	HB01N212BV
	Mobile	Removable	Steel	Vinyl	1.4 à 2.1 m	HB01N213BV
4	Mobile	Removable	Aluminium	Paint	0.9 à 1.4 m	HB01N301BI
	Mobile	Removable	Aluminium	Paint	1.4 à 2.1 m	HB01N302BI
5	Mobile	Removable	Aluminium	Vinyl	0.9 à 1.4 m	HB01N301BV
	Mobile	Removable	Aluminium	Vinyl	1.4 à 2.1 m	HB01N302BV

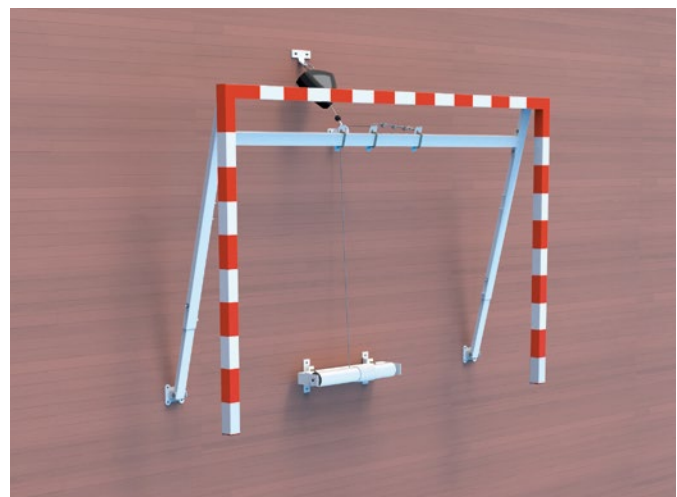


Raisable handball goal

Ref. HB07N212NBI

- Mobile front frame Madison with PostLock® system
- Lifiable frame in white RAL 9010 powder coated steel adjustable on the crossbar
- Overhang from 1.60 to 2.40 m
- Net lifting système included
- Plates to attach the goal to the ground
- Welded hooks to fix the net
- Electric winch supplied with electric contactor Ref. BC030202
- Stop drop with automatic recall Ref. BC030601

Option : Adaptation on specific support on request



SCHOOL HANDBALL GOALS

PRIM'HAND AND SCHOOL HANDBALL

Compliant with the EN 749 standard

Banc RAL 9010



Ø 32 mm arches goals

- Front in 80 x 40 mm section tube
- White powder coated galvanized steel arches, Ø 32 mm
- Connecting pieces in moulded aluminium on the angles
- Adjustment jack for better ground stabilisation
- Net fixation with nylon hooks
- Delivered with a set of anchors

Option

- Set of rectangular aluminium sockets Ref. **FOUR006**



Goal type	Type	Material	Size	Treatment	References	Profile
Prim Hand	Mobile	Steel	2,4 x 1,7 m	Galvanized + powder-coating	HB050001	
	To be sealed		2,4 x 1,7 m		HB050002	
School handball	Mobile		3 x 2 m		HB05N103	
	To be sealed		3 x 2 m		HB05N104	



Goal with arches

- 3 x 2 m goals made of 80 x 80 mm red powder coated tubes, with Ø 50 mm powder coated steel arches.
- Connecting pieces in moulded aluminium on the corners
- Net fixation with nylon hooks
- On plate sealing **Ref. HB05N230**
- Direct installation **Ref. HB05N232**
- On plate sealing + vinyl strips **Ref. HB05N230BV**
- Direct installation + vinyl strips **Ref. HB05N232BV**

Accessories

- High resistance polypropylene knotted nets for handball goals with 100 mm mesh, Ø 4 mm wire **Ref. 112HBBULL201N**
- Sandows Ø 6 mm for the nets fixation **Ref. FLHB1111**



Ref. HB05N230BV

Hand / Foot front frame

- 3 x 2 m goals in Ø 80 mm white powder coated steel tubes
- Connecting pieces in moulded aluminium on the corners
- Direct installation in concrete grounds
- Without hooks for net fixation **Ref. HB05N308-B**



Ref. HB05N308-B

Advice

In case of a soft soil, the sealing depth of the posts should be increased, please consult us.

ACCESSORIES



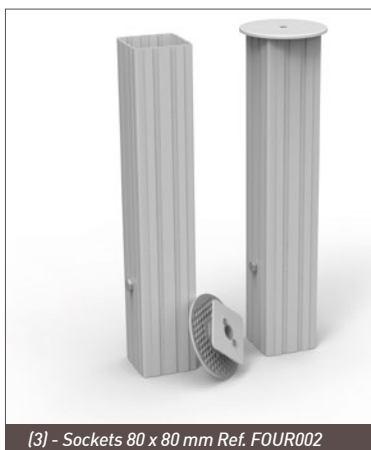
Range presentation

- (1) - Transportation trolley for foldable handball goals (2 pairs)
Ref. HB HB050416
- (2) - Set of 4 sockets + 4 caps for 80 x 40 mm posts **Ref. FOUR006**
- (3) - Set of 2 sockets + 4 caps for 80 x 80 mm posts **Ref. FOUR002**
- (4) - Set of 2 protective foams for 1 handball goal 80 x 80 mm
130 x 180 mm (3 sides + velcro) on 1800 mm high.
Blue tarpaulin 600 gr/m². **Ref. MOUSHB01**
- (5) - Set of 4 pipes for sockets installation, Ø 40 mm outside, can be adapted on mobile handball goals. **Ref. HB050405**
- (6) - Set of 2 wall racks for 1 wall-folding handball goal
Ref. HB050420
- (7) - Set of 4 removable anchors for wall-folding goals
Ref. HB050415
- Set of 4 caps for Ø 60 mm sockets (not included with goals)
Ref. HB050408
- Set of 4 additional anchors, **Ref. HB050401**
- Wall rack for handball front frame (1 pair), **Ref. HB050417**
- Sandow kit for a pair of goals **Ref. FLHB1010**
- Nylon hooks for aluminium goals, 56 units:
In blue : **Ref. SAA00**, in white : **Ref. SAI00**
- Nylon hooks for steel goals, to be screwed, 56 units:
In blue : **Ref. SCA00**, in white : **Ref. SBY000**
- Nylon hooks for steel goals, double fixation, to be screwed, 56 units
In black : **Ref. SCB00**

(1) - Transportation trolley for foldable handball goals Ref. HB050416



(2) - Sockets 80 x 40 mm Ref. FOUR006



(3) - Sockets 80 x 80 mm Ref. FOUR002



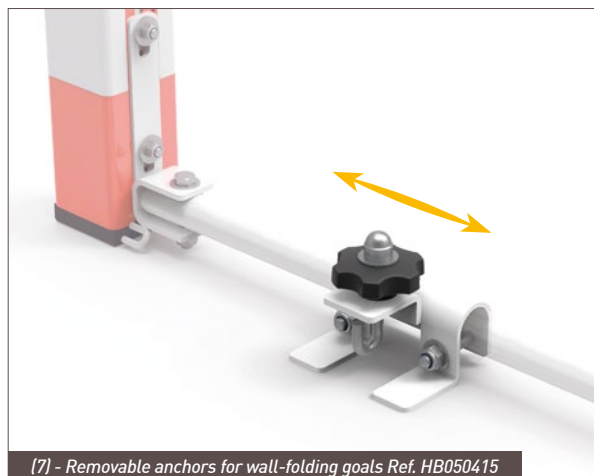
(3) - Protective foam Ref. MOUSHB01



(5) - Pipe for sockets Ref. HB050405



(6) - Wall rack for 1 goal Ref. HB050420



(7) - Removable anchors for wall-folding goals Ref. HB050415



RUGBY

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RUGBY GOAL

STEEL OR ALUMINIUM POSTS

Compliant with the NF S52-409 standard

White RAL 9010



Steel posts

- White powder coated RAL 9010 galvanized steel posts Ø 102 mm
- Post in 2 parts: connection by sliding the top part in the bottom part by sleeving
- Removable crossbar fixed with 8 mounting bolts
- Sleeve sealing (not included)

Option :

- Hinges
- Sockets

Aluminium posts

- White (RAL 9010) powder coated aluminium posts Ø 102 mm and Ø 96 mm
- Post in 3 parts: connection by sliding the top part in the bottom part by sleeving
- Removable crossbar to be inserted into screw-on steel runners
- Sleeve sealing (not included)

Option :

- Hinges
- Sockets

METALU +

- + Delivered with or without hinges
- + Possibility to parcel delivery



Advice

(1) In order to know the limit of the goal use, depending on the layout area and their exposition to wind, please contact us.

(2) Sockets not included (available in option). Hinged rugby goals must be laid down in case of wind gusts > 20 m/s.

CAT3: posts adapted for the department of wind area 3: roughness IIIb.

CAT2: posts adapted to the department of wind area 2: roughness IIIb.

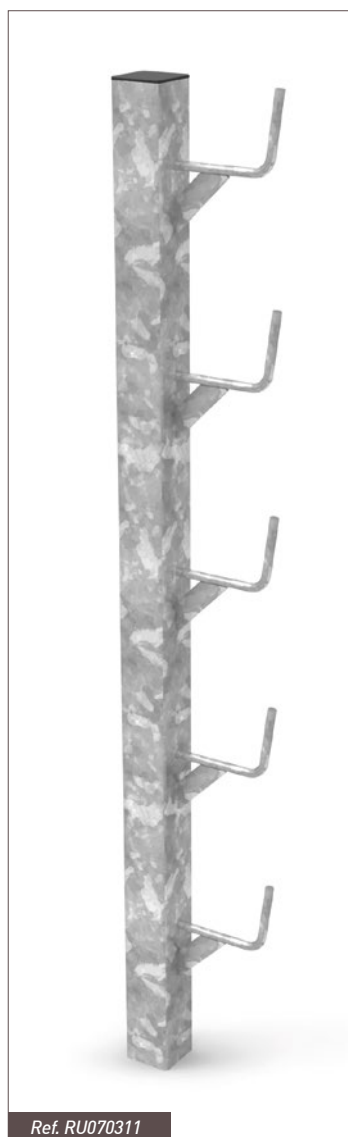
Height	Material	Hinges	References	Wind zone (1)
8 m	Steel	Without	RU070101	CAT3
		With	RU070101-C	(2)
	Aluminium	Without	RU070111M	CAT3
		With	RU070111M-C	(2)
11 m	Steel	Without	RU070102	CAT3
		With	RU070102-C	(2)
	Aluminium	Without	RU070112M	CAT2
		Without	RU070112M-RENF	CAT3
14,5 m	Steel	With	RU070112M-C	(2)
18 m		Without	RU070104	CAT3
On request				

RUGBY ACCESSORIES AND GAELIC FOOTBALL GOAL

Compliant with the NF S52-409 standard



Ref. MOUS0301



Ref. RU070311

Rugby accessories

- Set of 14 flexible corners. **Ref. RU070307**
- Set of 4 hinges for safe tilting of goals for the installation and the disassembling of aluminium goals **Ref. RU070303**
- Set of 4 sockets + caps **Ref. RU070301**
- Set of 4 protection foams 2 m height (PVC cover, Velcro® attachment)
 - Per unit 200 x 200 mm **Ref. MOUS0201**
 - Per unit 300 x 300 mm **Ref. MOUS0301**
 - Per unit 400 x 400 mm **Ref. MOUS0401**
 - Per unit 500 x 500 mm **Ref. MOUS0501**
- Set of 3 racks for dismantled rugby posts **Ref. RU070311**
- Set of 3 racks for a rugby goal **Ref. RU070312**
- Set of 4 pennant supports for 2 aluminium rugby goals **Ref. RU070313**



Ref. RU070312



Ref. RU070313



Ref. RU070301



Ref. RU070303

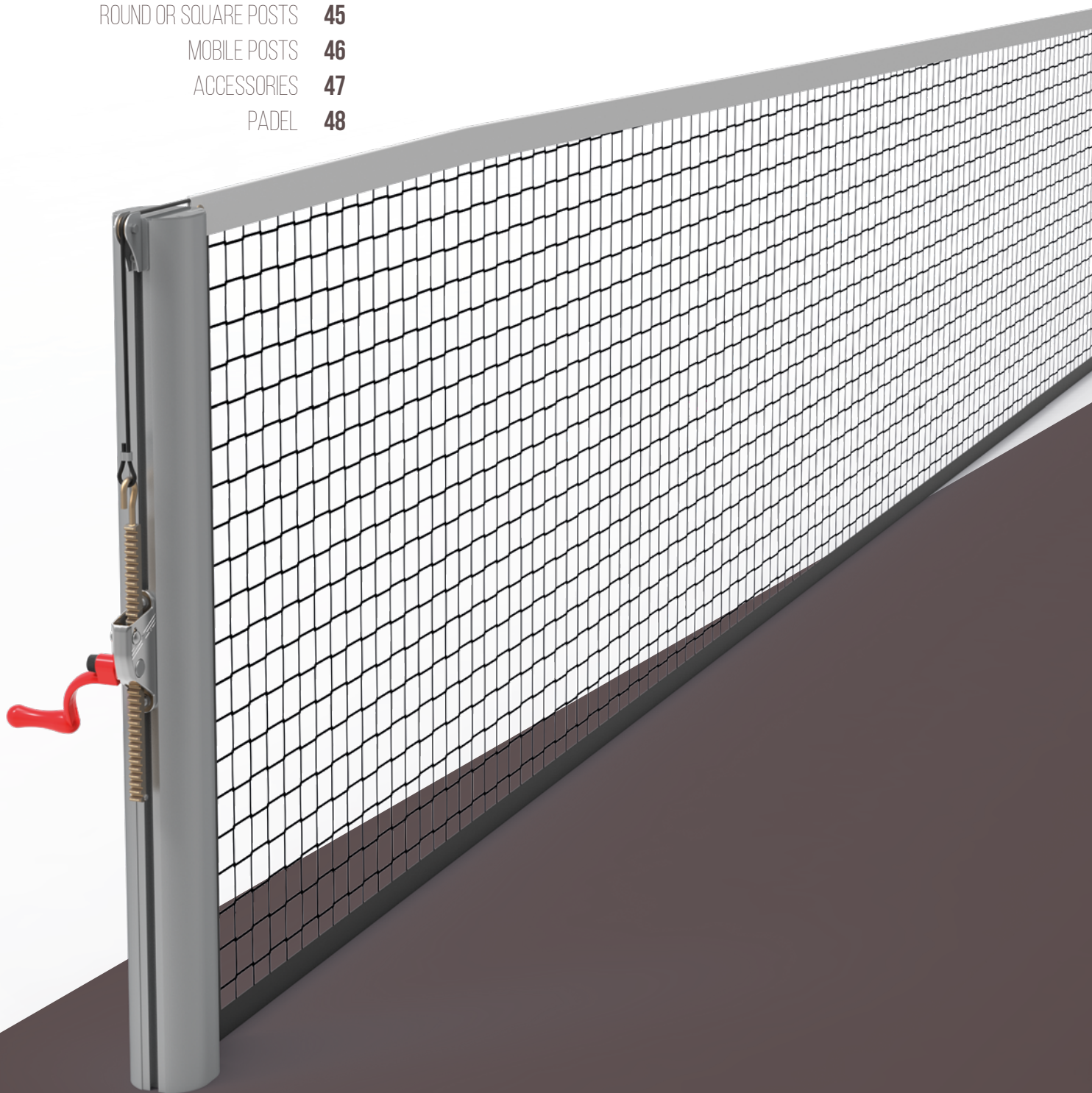


Gaelic football goal

- Pair of gaelic football goals in Ø 102 mm **Ref. FB04N601** white RAL 9010 powder coated aluminium tubes
- "Net support" lugs, Ø 32 mm in green RAL 6005 steel tubes
- 120 mm mesh net, braided Ø 3 mm black
- Size:
 - Inner size: 6.5 x 2.5 m
 - Height above ground: 10.67 m
- Assembly:
 - Post in 2 parts
 - Connection by sliding the top part in the bottom part by sleeving
 - Removable crossbar to fit into the steel sliders fixed by screws
- Sealing: sockets of 800 mm depth

TENNIS

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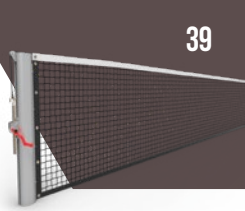
NEW ARCHED ENCLOSURE

3 METERS HIGH

New

Green RAL 6005

COLOR on request



METALU +

- + Innovative design
- + Strut attachment by sleeving
- + Tensioning bar without binding
- + Wire attachment: star design or straight

Arched enclosure 3 m high

- Attachment of the struts by welded sleeves on starting posts and corner posts
- Struts with double bending for installation in reservation sheaths
- Compatible with LED lighting
- Possibility to attach the first 5 wires on 1 single point of attachment (star design), or horizontally
- Tension bar slidded into the half links of the post: without binding

Specification of arched enclosures

Structure

- Powder-coated galvanized steel structure
- Posts \varnothing 70 mm or \varnothing 102 mm, and struts \varnothing 50 mm

Infill

- Single twist wire powder-coated green, mesh 45 mm
- Wire guide every 50 cm on the post
- Wire mesh available: \varnothing 2.4/3.2 mm

Door

- Frame \varnothing 70 mm and leaf in 40 x 40 mm square
- Without struts
- Infill in powder-coated welded wire mesh mesh 45 x 45 mm wire \varnothing 4 mm
- Single door with visible threshold bar: angle corner 30 x 30 mm in powder-coated stainless steel
- Double door with 2 spacer bars \varnothing 70 mm



STRAIGHT TENNIS ENCLOSURE

3, 3.5 OR 4 METERS HIGH

Green RAL 6005

COLOR on request



METALU +

- + Custom-made heights (3 - 3.5 - 4 m), and configurations
- + Possible sizing for very windy areas: Corsica, Caribbean, Reunion, Polynesia

Straight enclosure: 3 m, 3.5 m and 4 m high

- Binded tension bar
- Welded flats on starting and corner posts

Specification of straight enclosures

Structure

- Powder-coated galvanized steel structure
- Posts from Ø 70 mm to Ø 114 mm and struts Ø 50 mm
- Diameter of posts adapted to the height above ground, the possible presence of privacy screen/windscreen and of the space between posts. (usually 3.60 m)

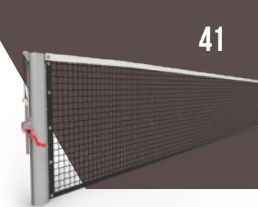
Infill

- Single twist wire powder-coated green, mesh 45 mm
- Wire guide every 50 cm on the post
- Wire mesh available: Ø 2.4/3.2 mm

Door

- Frame Ø 70 mm and leaf in 40 x 40 mm square
- Without struts
- Infill in powder-coated welded wire mesh 45 x 45 mm wire Ø 4 mm
- Single door with visible threshold bar: angle corner 30 x 30 mm in powder-coated stainless steel
- Double door with 2 spacer bars Ø 70 mm





Wind	Single twist wire 2.4/2.9							
	3 m above ground						3.5 m above ground	4 m above ground
	Spacing 3.60 m		Spacing 3 m				Spacing 3.60 m	
	Mesh 45 x 2.9 mm	Galvanized mesh 45 x 2.4 mm	Privacy creen 50%	Windscreen 50% with bracing	Privacy creen 65%	Windscreen 65% with bracing	Mesh 45 x 2.9 mm	Mesh 45 x 2.9 mm
	Posts	Posts	Posts	Posts	Posts	Posts	Posts	Posts
ZONE 1 IIIb	70 x 2 mm	60 x 2 mm	102 x 2.5 mm	50 + 50	102 x 2.5 mm	50 + 50	70 x 2 mm	90 x 2 mm
ZONE 2 IIIb	70 x 2 mm	70 x 2 mm	102 x 2.5 mm	50 + 50	114 x 3 mm	50 + 50	80 x 2 mm	90 x 2 mm
ZONE 3 IIIb	80 x 2 mm	70 x 2 mm	102 x 2.5 mm	50 + 50	114 x 3 mm	60 + 50	90 x 2 mm	102 x 2.5 mm
ZONE 4 IIIb	102 x 2.5 mm	90 x 2 mm	114 x 3 mm	60 + 50	180 x 80 mm	60 + 50	102 x 2.5 mm	114 x 3 mm
ZONE 5 IIIb	114 x 3 mm	102 x 2.5 mm	180 x 80 mm	70 + 50	180 x 80 mm	70 + 50	114 x 3 mm	180 x 80 x 3 mm
ZONE 6 IIIb	60 x 2 mm	60 x 2 mm	80 x 2 mm	50 + 50	102 x 2.5 mm	50 + 50	70 x 2 mm	80 x 2 mm
ZONE 7 IIIb	102 x 2.5 mm	102 x 2.5 mm	180 x 80 mm	70 + 50	180 x 80 mm	70 + 50	114 x 3 mm	114 x 3 mm
ZONE 8 IIIb	102 x 2.5 mm	102 x 2.5 mm	180 x 80 mm	70 + 50	180 x 80 mm	70 + 50	114 x 3 mm	180 x 80 x 3 mm

Reminder

The application of the current standards for the installation of sports enclosures is mandatory. In case of a disaster, experts and insurers will oppose their policyholders to the Eurocode and other standards that effectively engage the liability of companies and their managers.



Tarpaulin for clay court

Windscreen, privacy creen and tarpaulin for clay court

- Windscreen: 50% or 65%
High density polyethylene monofilament woven net
PVC tapes around the edge and eyelets every 50 cm
- Privacy creen: 80%
High density polyethylene strip woven net
PVC tapes around the edge and eyelets every 30 cm
- Tarpaulin for clay court, 50 cm high
- Installation accessories available: attachment collars or metal S hooks

METALU +

- + Sizing of the posts adapted to to the density of the screen:
50% or 65% windscreen, and 80% privacy creen



Field separation

- Ø 60 mm galvanized or plastic-coated and galvanized steel tubular posts
- Height of the posts: 1.50 m of which 1.1 m above ground
- Spacing between posts: 2 m, 2.50 m and 3 m
- Single-piece or half-shell aluminium assembly Ts
- Stainless steel rings welded on the post for the grid fixation

TENNIS ENCLOSURES

LIGHTING AND SECURE ACCESS OPTIONS

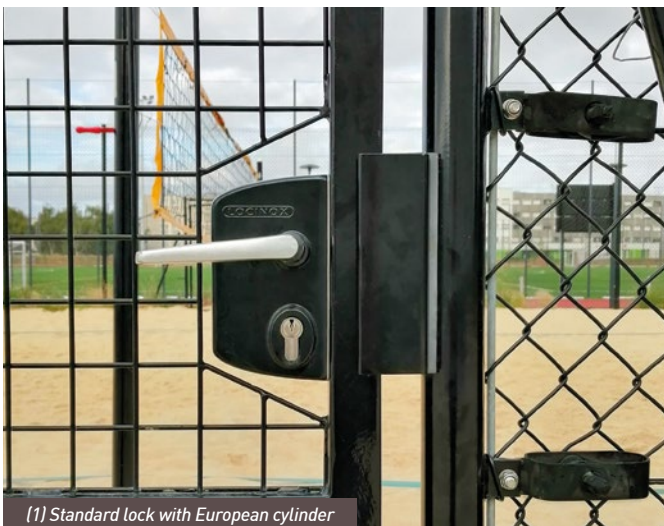


Bipod projector posts

- Powder-coated galvanized steel bipod posts
- Same RAL color as the structure
- Posts are equipped with an inspection hatch to pull the cables during installation and to facilitate maintenance
- Posts are sized in accordance with the Eurocode



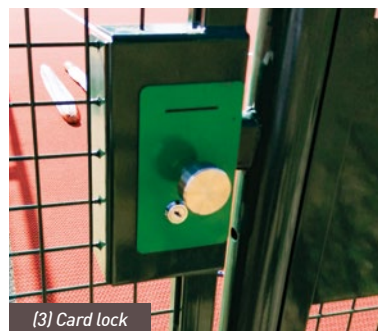
Inspection hatch



[1] Standard lock with European cylinder

Secure access

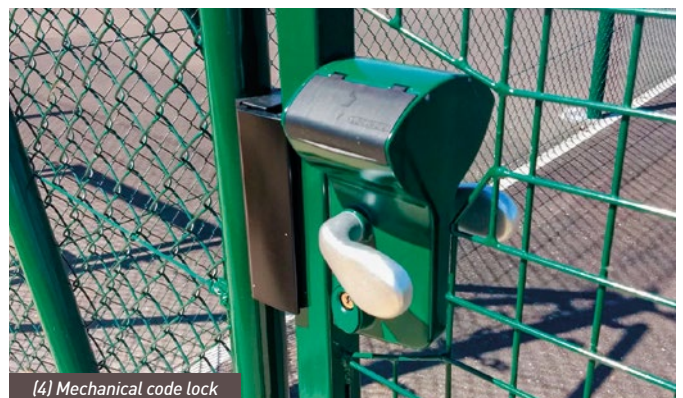
- Standard lock with European cylinder (1)
- Digicode (2)
- Card lock (3)
- Mechanical code lock (4)



[3] Card lock



[2] Digicode



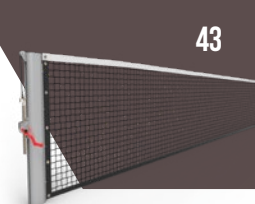
[4] Mechanical code lock

TENNIS UMPIRE'S CHAIR

Compliant with the FFT rules

White RAL 9010

COLOR on request



Tennis umpire's chair

Tennis umpire's chair

METALU +

- + Indoor and outdoor use for the powder coated aluminium version
- + Wide, comfortable and non-slip ladder steps
- + Stability
- + High-quality finishing touches

- Aluminium or steel chair
- Polypropylene plastic shell with anti U.V. treatment
- Ladder:
 - Straight ladder, 500 mm width
 - Non-slip cover steps, 85 mm width (aluminium version)
 - Stairs bars Ø 32 mm (steel version)
- Writing tablet
- Clothes and bags-hanger
- Size:
 - Seat height: 2 m
 - Ground size: 1.60 x 0.77 m

Side chairs

- Seat height: 0.44 m
- Floor space required (chairs included): 2.20 x 0.52m

	Tennis umpire's chair	Side chair
Powder coated aluminium	Ref. TN080224-A	Ref. TN080227-A
Raw aluminium	Ref. TN080223-A	Ref. TN080225-A
Powder coated steel*	Ref. TN080201-A	Ref. TN080202-A
Double powder coated steel**	Ref. TN080211-A	Ref. TN080212-A

* Indoor use only

** Suited for outdoor use



Umpire's chair in powder coated steel and side chairs

Optional equipment

- Parasol holder to be installed on chairs from Ø 22 to 25 mm Ref. TN080220
- Spare plastic seat Ref. ABC0002



Parasol holder



Plastic seat

100/120 MM TENNIS OVOID POSTS TO BE SOCKETED

Compliant with the NF EN 1510 type 1 standard

Anodized grey 



Ovoid anodized posts

METALU +

- + Can fit on existing sockets Ø 90 mm
- + Aesthetic: anodized aluminium finish
- + High rigidity due to its ovoid form
- + Reinforced pinion jack

- **Compliant with the NF EN 1510 Type 1 standard**
- Ovoid tennis post 100/120 mm in anodized aluminium
- Pinion jack and hooks for net tension
- Aluminium frame bars Ø 8 mm, sliding into the hooks

Ground fixation

- To be sealed
- Available sockets to be sealed and aluminium caps:
 - Ø 90 mm round sockets
 - 100/120 mm ovoid sockets

Tennis ovoid posts, sold in pairs

- For round sockets Ø 90 mm - **Ref. TN120106-90**
- For ovoid sockets - **Ref. TN120106**
- Sockets in option



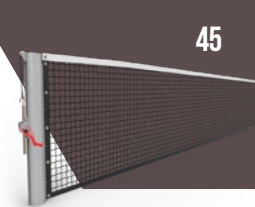
Anodized aluminium ovoid profile
100/120 mm

**Suitable with
Ø 90 mm sockets**



ROUND OR SQUARE TENNIS POSTS TO BE SOCKETED OR ON BASE PLATE

White RAL 9010 







White powder coated aluminium round post to be socketed

Round or square posts to be socketed

- Compliant with the NF EN 1510 Type 1 standard
- Pinion jack and hooks for net tension
- Aluminium frame bars Ø 8 mm, sliding into the hooks
- Sockets in option

2 available materials

- White powder coated galvanized steel
- White powder coated aluminium

	Square post 80 x 80 mm To be socketed	Round post Ø 90 mm To be socketed
G + P steel	 Ref. TN080102	 Ref. TN080103
Powder-coated aluminium	 Ref. TN080105	 Ref. TN080106



White powder coated steel square post to be socketed



Green RAL 6005 square tennis post on base plate

Square posts on base plate

- Compliant with the NF EN 1510 Type 2 standard
- Bichromate steel posts with aluminium frame bars Ø 8 mm, sliding into the hooks
- Pinion jack and hooks for net tension
- Supplied with 2 installation anchors
- Plate size 250 x 250 mm

COLOR on request 

Square post 100 x 100 mm White on base plate	Square post 100 x 100 mm Color, on base plate	Square post 80 x 80 mm White, on base plate
Ref. TN080144	Ref. TN080146	Ref. TN080104



White square tennis post on base plate



White powder coated galvanized steel mobile round tennis post

Mobile tennis posts

- Compliant with the **NF EN 1510 Type 2 standard**
- Mobile posts with aluminium frame bars \varnothing 8 mm, sliding into the hooks
- Pinion jack and hooks for net tension
- \varnothing 125 mm back wheels with a tyre tread and smooth coating
- Delivered with 2 anchors to be sealed
- Can be use with latch anchors (not included)

2 available versions

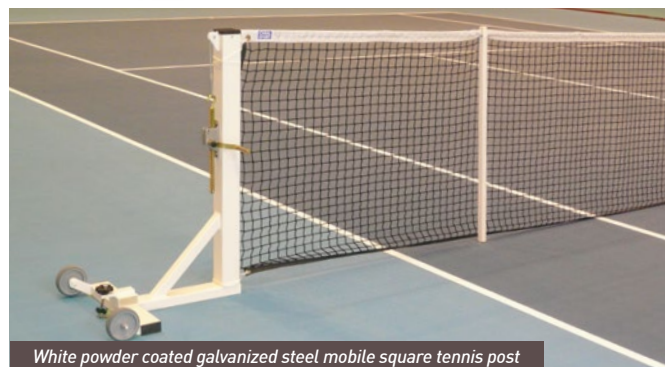
- \varnothing 90 mm white powder coated galvanized steel posts **Ref. TN080108**
- 80 x 80 mm white powder coated galvanized steel square posts **Ref. TN080109**



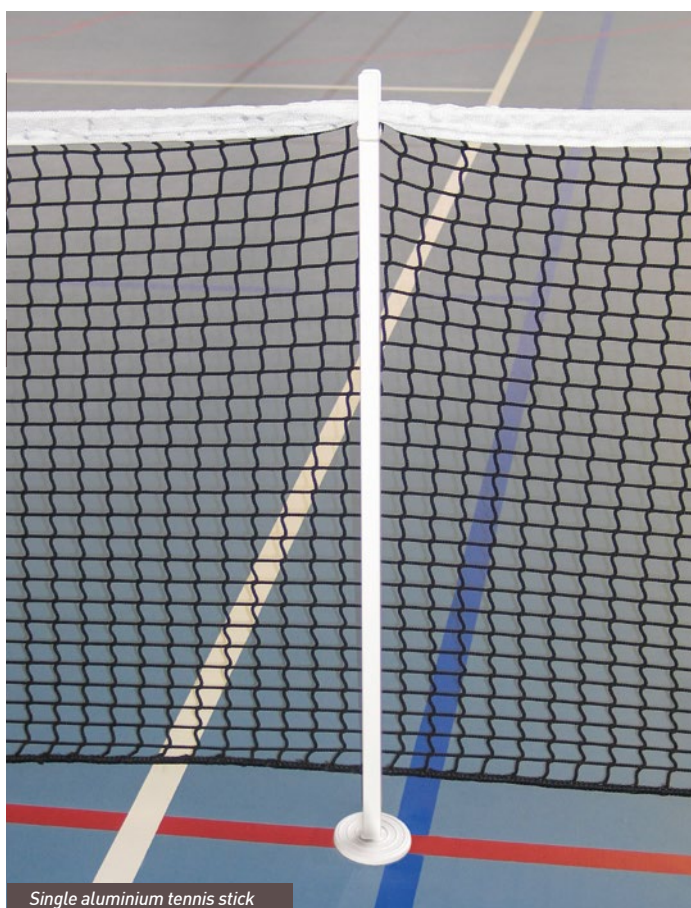
Powder-coated steel
 \varnothing 90 mm



Powder-coated steel
80 x 80 mm



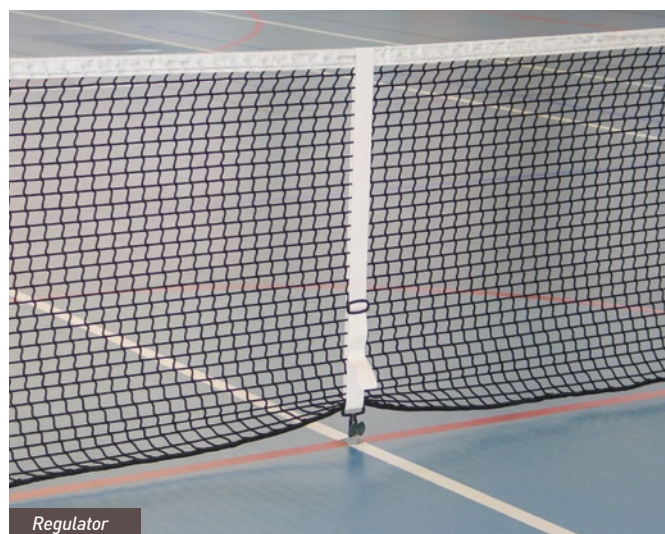
White powder coated galvanized steel mobile square tennis post



Single aluminium tennis stick

Single tennis sticks

- Compliant with the **NF EN 1510 standard**
- Height: 1.07 m
- Posts in 25 x 25 mm aluminium square tubes
- Large round plate \varnothing 140 mm for a better stability
- Net strip perfectly held on the stick
- Stick **Ref. TN080111**

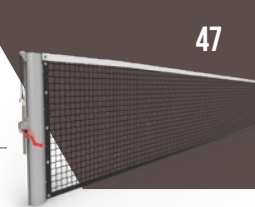


Regulator

Regulator and anchor box

- Regulator, woven tape, velcro, steel buckle **Ref. TN080306**
- Regulator anchor box **Ref. TN080302**

OTHER TENNIS EQUIPMENT : MINI TENNIS KIT TRANSPORT TROLLEY - SOCKETS - PINION JACK



Mini tennis kit 8 m + net Ref. TN080515

Mobile tennis posts

- Red RAL 3000 powder coated aluminium post 40 x 40 mm
- Height of the posts: 0.810 m
- Stabilization bar provided for all kits
- Delivered with net mesh 45 mm Ø 2 mm

Available in 3 versions

- Mini tennis kit 3 m + net Ref. TN08050
- Mini tennis kit 6 m + net Ref. TN080505
- Mini tennis kit 8 m + net Ref. TN080515



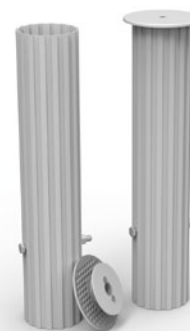
Pinion jack

METALU +

- + Reinforced solidity
- + Secured locking of the pinion jack
- + Labeled "Origine France Garantie"

Pinion jack Ref. TN080304

- Compliant with the NF EN 1510 standard
- Aluminium body (screw included)
- Rack and pinion in solid zinc-coated steel
- Brass pinion
- Aluminium ergonomic crank, red powder coated for safety and comfort
- Crank can fit both right or left. Please consult us when ordering



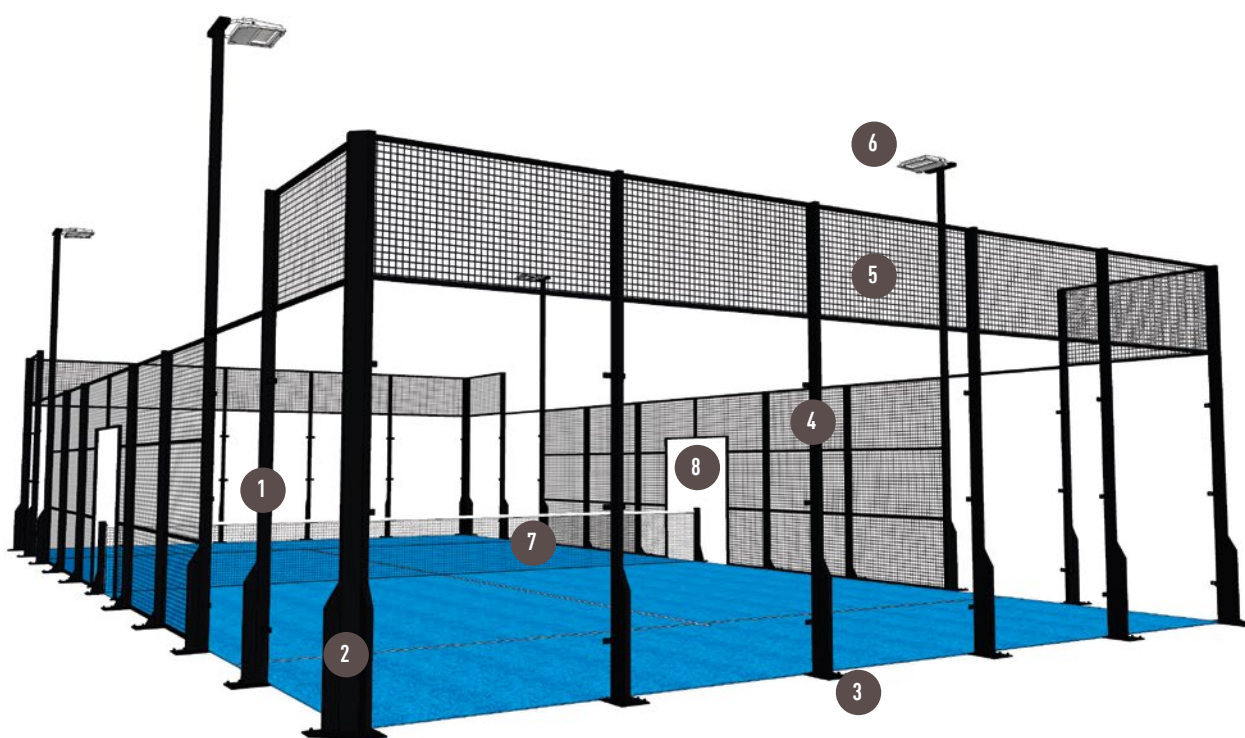
Set of 2 sockets with caps

- For 100 x 120 mm ovoid posts Ref. FOUR001
- For 80 x 80 mm square posts Ref. FOUR002
- For Ø 90 mm round posts Ref. FOUR003

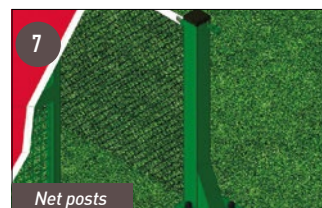
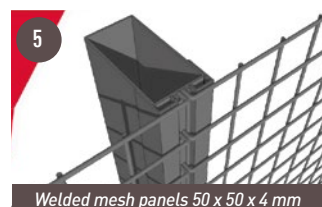
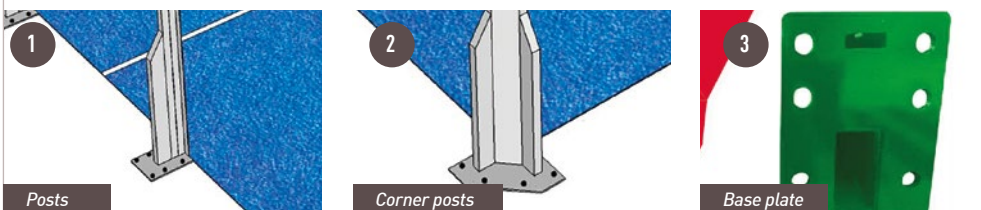


Transport trolley

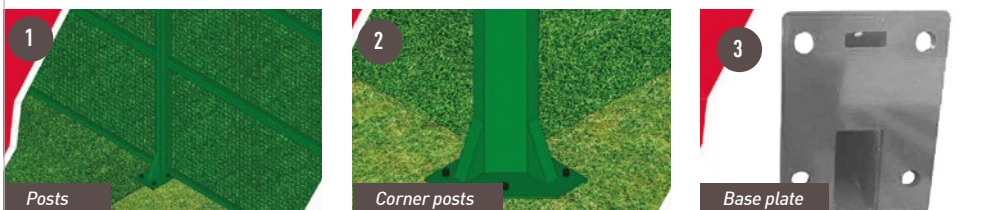
- Trolley made of white powder coated steel 40 x 40 mm tube for :
4 pairs of posts Ref. VB090600
5 pairs of posts Ref. VB090605
6 pairs of posts Ref. VB090610



Padel outdoor



Padel indoor



	Padel Indoor	Padel Outdoor
1	Steel tube section 100 x 50 x 3 mm	Steel tube section 100 x 50 x 2 mm
2	Bipod corner posts 100 x 50 x 2 mm fixed on 260 x 260 x 10 mm base plates	Bipod corner posts 100 x 50 x 2 mm fixed on 260 x 260 x 10 mm base plates
3	260 x 260 x 10 mm base plates	310 x 310 x 10 mm base plates
4	10 mm glass panels in accordance with EN 572-9, fixed with brackets, plates, EPDM pads and stainless steel screws	10 mm glass panels in accordance with EN 572-9, fixed with brackets, plates, EPDM pads and stainless steel screws
5	Welded wire mesh panels in plasticized galvanized steel, mesh size 50 x 50 x 4 mm	Welded wire mesh panels in plasticized galvanized steel, mesh size 50 x 50 x 4 mm
6	The projector mounts can be equipped with 8 x 181 W projectors in accordance with the FFT specifications	The projector mounts can be equipped with 8 x 181 W projectors in accordance with the FFT specifications
7	Tennis posts 80 x 80 x 2 mm with reinforcement gussets fixed on 220 x 195 x 10 mm base plate	Tennis posts 80 x 80 x 2 mm with reinforcement gussets fixed on 310 x 250 x 10 mm base plate
8	Central access 1,87 x 2,20 m with possibility to adapt a PMR passage or a double sliding door.	Central access 1,87 x 2,20 m with possibility to adapt a PMR passage or a double sliding door.

VOLLEYBALL

HIGH LEVEL OVOID POSTS **50**

COMPETITION OVOID POSTS **51**

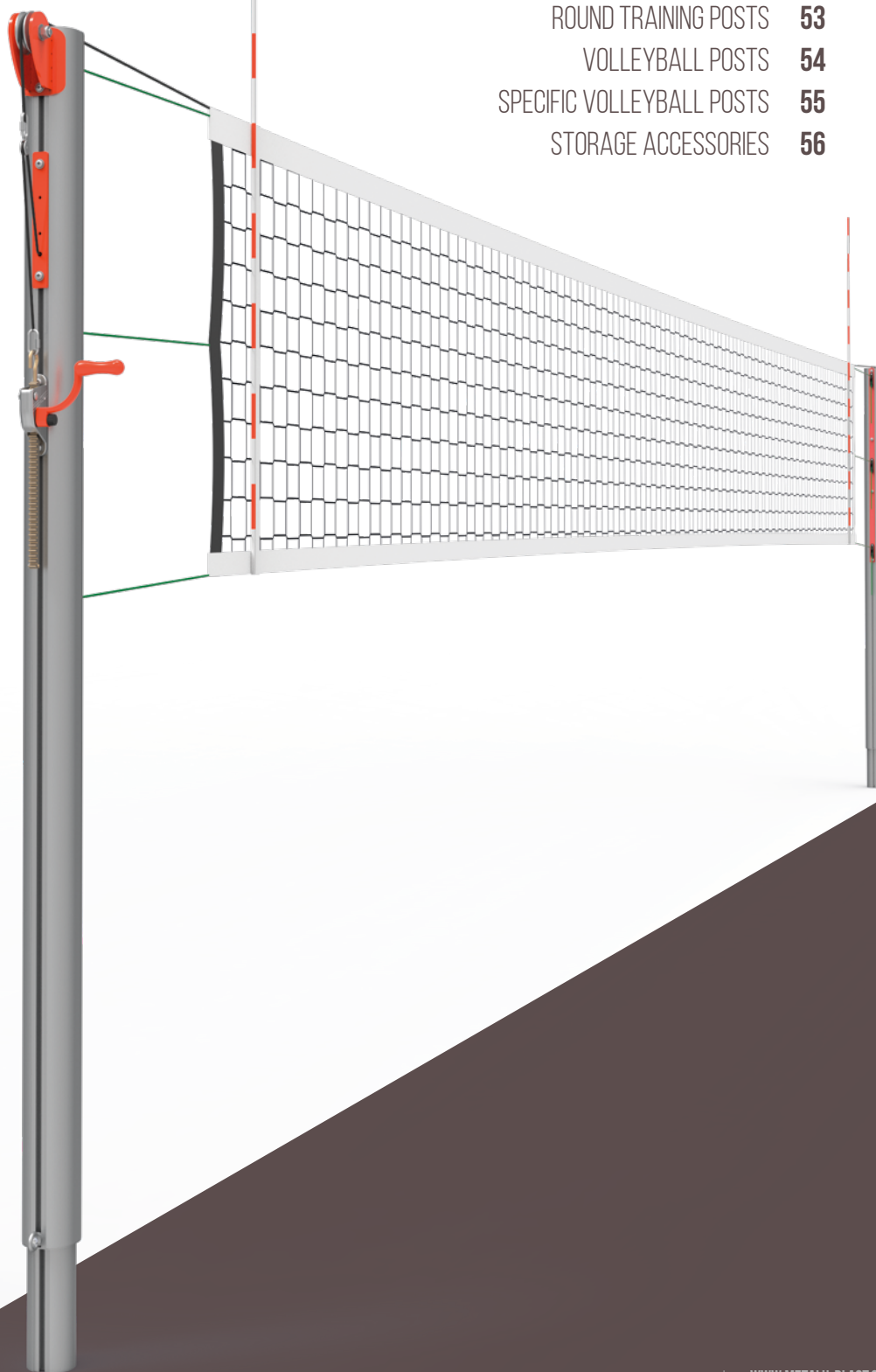
ROUND COMPETITION POSTS **52**

ROUND TRAINING POSTS **53**

VOLLEYBALL POSTS **54**

SPECIFIC VOLLEYBALL POSTS **55**

STORAGE ACCESSORIES **56**



HIGH LEVEL COMPETITION IN ANODIZED ALUMINIUM A AND B

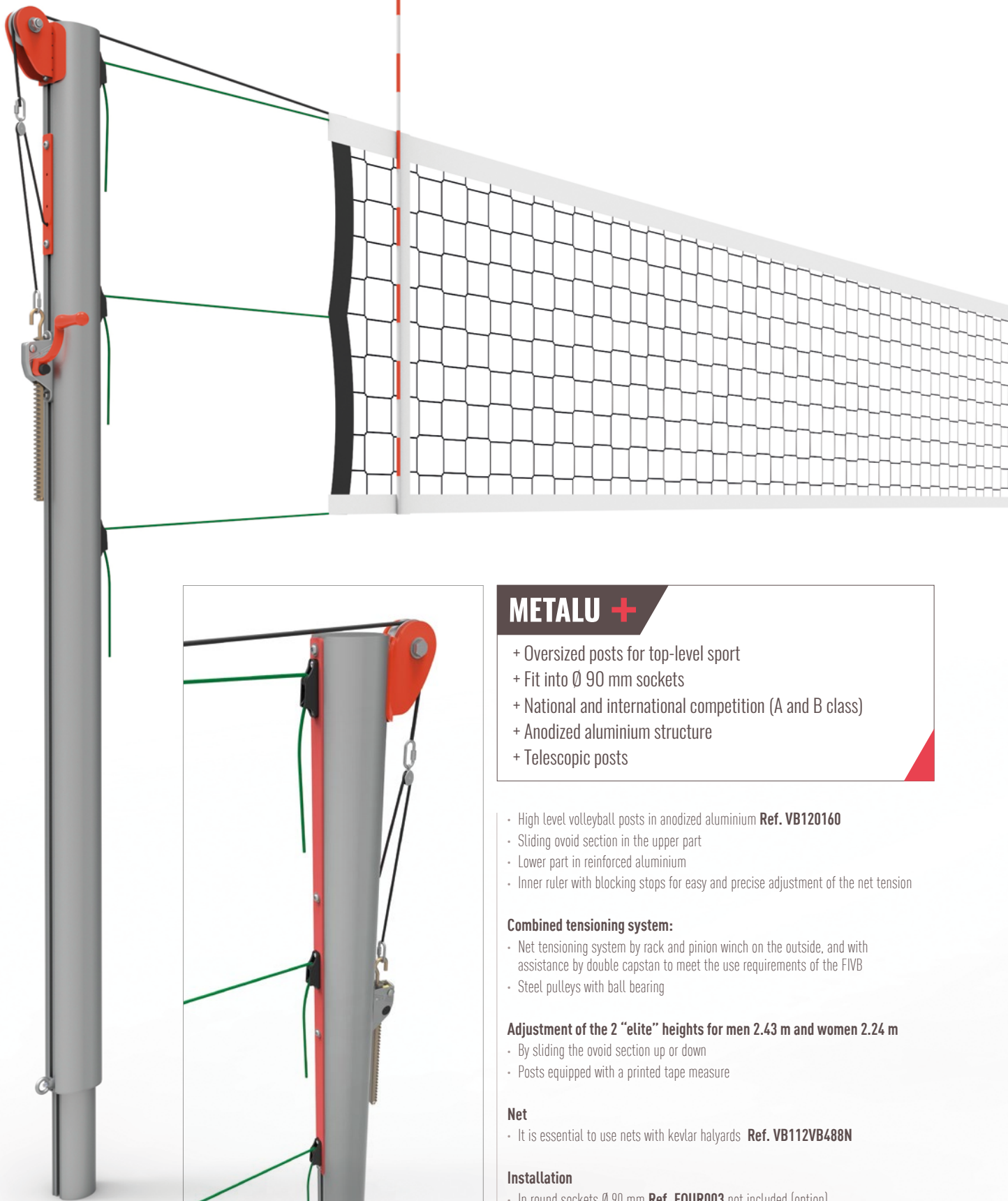
Compliant with the code of sport and the NF EN 1271

OVOID POSTS CLASS

standard

Anodized grey 

Ruler: red RAL 3000 



METALU +

- + Oversized posts for top-level sport
- + Fit into Ø 90 mm sockets
- + National and international competition (A and B class)
- + Anodized aluminium structure
- + Telescopic posts

- High level volleyball posts in anodized aluminium **Ref. VB120160**
- Sliding ovoid section in the upper part
- Lower part in reinforced aluminium
- Inner ruler with blocking stops for easy and precise adjustment of the net tension

Combined tensioning system:

- Net tensioning system by rack and pinion winch on the outside, and with assistance by double capstan to meet the use requirements of the FIVB
- Steel pulleys with ball bearing

Adjustment of the 2 "elite" heights for men 2.43 m and women 2.24 m

- By sliding the ovoid section up or down
- Posts equipped with a printed tape measure

Net

- It is essential to use nets with kevlar halyards **Ref. VB112VB488N**

Installation

- In round sockets Ø 90 mm **Ref. FOUR003** not included (option)

COMPETITION OVOID POSTS IN ANODIZED ALUMINIUM - A AND B CLASS

Compliant with the code of sport and the NF EN 1271 standard

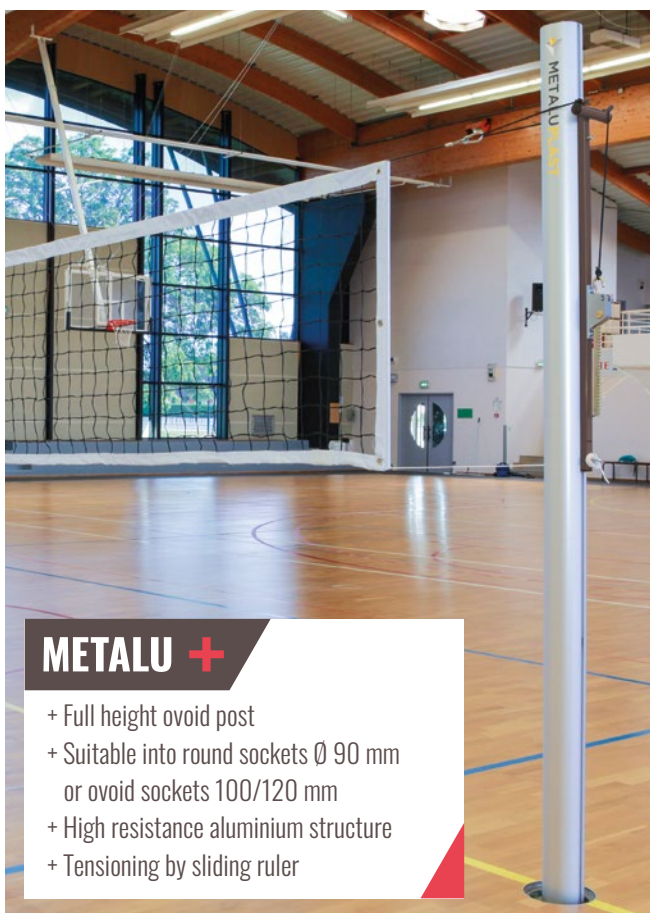
Anodized grey

Ruler: grey RAL 7016



METALU +

- + Fit into Ø 90 mm sockets
- + Telescopic posts



METALU +

- + Full height ovoid post
- + Suitable into round sockets Ø 90 mm or ovoid sockets 100/120 mm
- + High resistance aluminium structure
- + Tensioning by sliding ruler

Millennium ovoid competition volleyball posts

Ref. VB120156

- Pair of natural anodized aluminium posts
- Ovoid section Ø 100 x 120 mm in the upper part
- Reinforced round section Ø 90 mm in the bottom part and in the sockets

Tensioning system

- External net tension with both pinion jack and hook

Nets

- Use nets without snap hooks (See «Nets» section of the catalog)

Height adjustment

- Height system by sliding the ovoid section up or down
- Posts equipped with a printed tape measure

Installation

- Round sockets Ø 90 mm Ref. FOUR003 not included (option)

Information

The volleyball posts are classified according to the gaming level by the NF EN 1271 standard:

Class A : International competitions (according to the FIVB rules)

Class B : National competitions (according to the national Volleyball federations rules)

Class C : Training and school

“All ovoid” competition volleyball posts

- Pair of posts in natural anodized aluminium
- Ovoid section Ø 100 x 120 mm

Tensioning system:

- External net tension with both pinion jack and hook
- Double external tension system of the net by double capstan

Nets:

- Use nets with snap hooks (See “Nets” section of the catalog)

Height adjustment:

- Height adjustment by sliding ruler
- Posts equipped with a printed tape measure

To be socketed, 2 different sockets not included (in option):

- Ø 90 mm round sockets Ref. FOUR003 for Ø 90 mm reinforced aluminium tube incorporated into the ovoid post on the bottom part
- 100/120 mm ovoid sockets Ref. FOUR001

	Pinion jack + capstan	Double capstan
Ø 90 mm round sockets	Ref. VB120155-90	Ref. VB120150-90
100 / 120 mm ovoid sockets	Ref. VB120155	Ref. VB120150

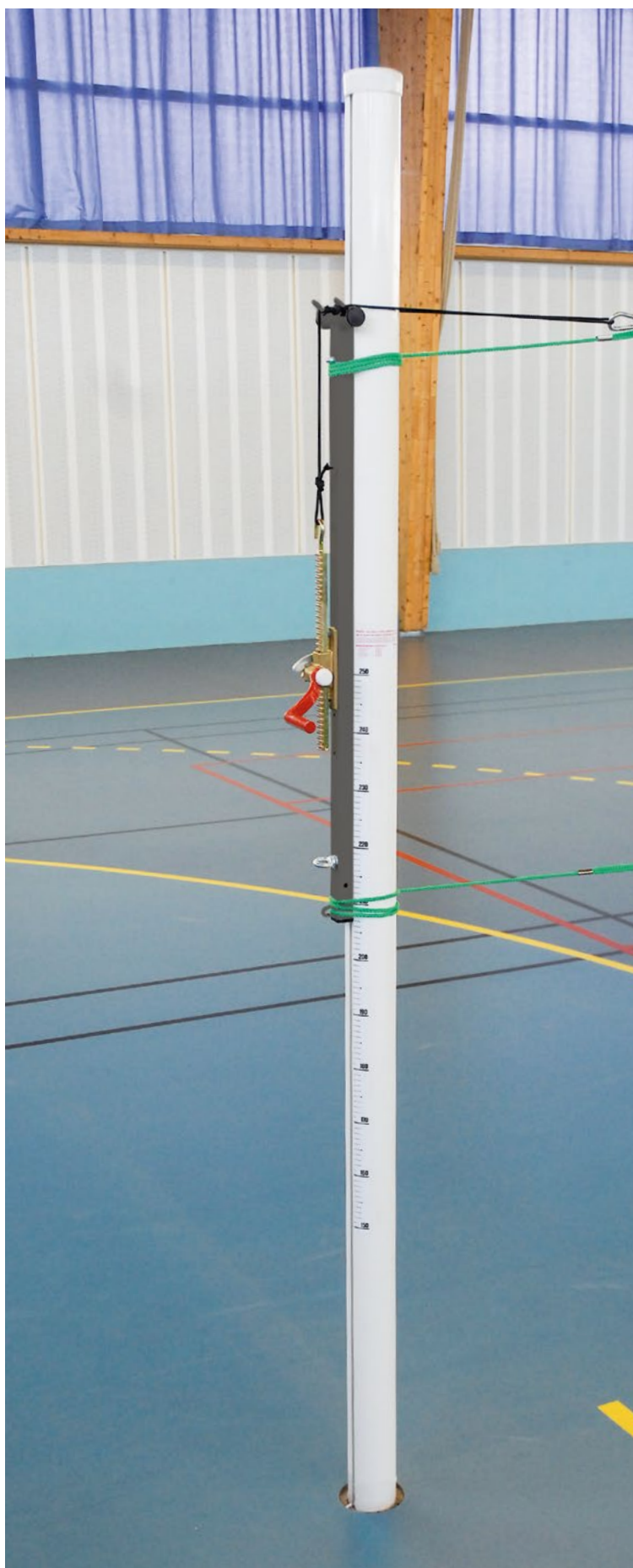
ROUND COMPETITION POSTS

IN POWDER COATED ALUMINIUM - COMPETITION A AND B CLASS

Compliant with the code of sport and the NF EN 1271 standard

White RAL 9010 

Ruler grey RAL 7016 



Round competition posts powder-coated aluminium



Descriptif Ref. VB090155

- Powder-coated reinforced aluminium posts Ø 90 mm
- Height adjustment by sliding ruler
- Pinion jack and capstan on the outside of the post
- Net tension: pre-tension with a capstan and tension with a pinion jack system
- Posts equipped with a printed tape measure
- Adapted for competition

Installation

- Round sockets Ø 90 mm **Ref. FOUR003** not included (option)

METALU +

- + National and international competition (A and B class)
- + Reinforced aluminium structure
- + High resistance
- + External tension



Pinion jack

Information

No central post needed for competition

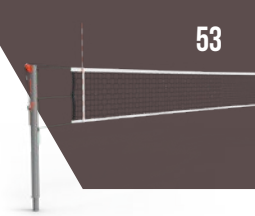
For an A and B class competition use, associate these posts with the **Ref. 112VBBULL438N** net and with a set of sights **Ref. VB090315**.

ROUND TRAINING POSTS IN ALUMINIUM OR STEEL - C CLASS

Compliant with the code of sport and the NF EN 1271 standard

White RAL 9010

Ruler: grey RAL 7016



Side round aluminium post



Central round aluminium post

Aluminium training posts

- Powder coated reinforced aluminium posts Ø 90 mm
- Height adjustment by sliding ruler
- Net tension: pinion jack system
- Posts equipped with a printed tape measure for height adjustment



Installation

- Round sockets Ø 90 mm **Ref. FOUR003** not included (option)
- 1 round socket Ø 90 mm **Ref. FOUR005** not included (option)

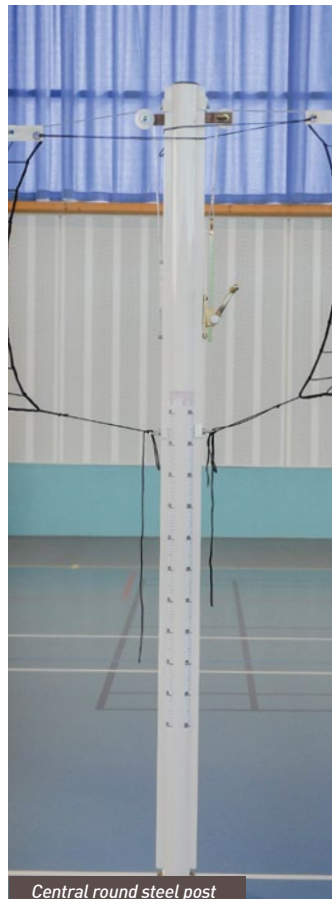
Information

All of our aluminium volleyball posts can be installed both indoor and outdoor.

Type of posts	Material	Tensioning system	Height adjustment	References
Main posts	Aluminium	Pinion jack	Single slide	VB090105
Central posts	Aluminium	Pinion jack	Double slide	VB090106



Slide round steel post



Central round steel post

Steel training posts

- Sendzimir steel tube Ø 90 mm
- Height adjustment by sliding ruler
- Capstan system to tighten the net: (halyard tightened using a pulley + blocking stop)
- Posts equipped with a printed tape measure for height adjustment



Installation

- Round sockets Ø 90 mm **Ref. FOUR003** not included (option)
- 1 round socket Ø 90 mm **Ref. FOUR005** not included (option)

Type of posts	Material	Tensioning system	Height adjustment	References
Main posts	Sendzimir steel	Pinion jack	Single slide	VB090102
Central posts	Sendzimir steel	Pinion jack	Double slide	VB090103
Main posts	Sendzimir steel	Capstan	Single slide	VB090116
Central posts	Sendzimir steel	Capstan	Double slide	VB090117



School aluminium posts

- White powder coated aluminium Ø 90 mm posts
- Height adjustment by sliding ruler
- Net tension: capstan
- Posts equipped with a printed tape measure for height adjustment

Installation

- Round sockets Ø 90 mm **Ref. FOUR003** not included (option)



Type of posts	Material	Tensioning system	Height adjustment	References
Main posts	Aluminium	Capstan	Single slide	VB090108
Central posts	Aluminium	Capstan	Double slide	VB090113



4 heights steel posts

- White powder coated galvanized steel Ø 90 mm posts **Ref. VB090101**
- Net height adjustment by sliding the post into the socket
- Blocking with a pin on the bottom part of the post (4 drilling spots).
- Net tension: pinion jack system
- Posts equipped with a printed tape measure for height adjustment
benjamins : 2.10 m - women: 2.24 m - cadets: 2.35 m - men: 2.43 m

Installation

- Round sockets Ø 90 mm **Ref. FOUR004** not included (option)



SPECIFIC LAYOUT VOLLEYBALL POSTS

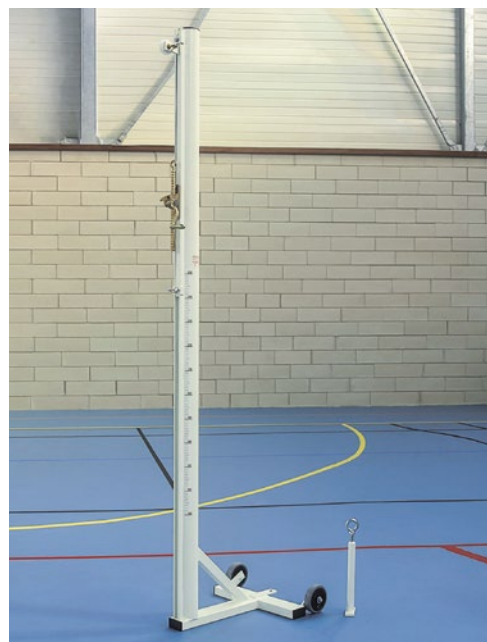
PODIUM

Compliant with the EN 1509 standard

White RAL 9010 

Mobile posts

- Powder coated galvanized steel tube Ø 90 mm fixed on a roller plate to fix to the ground with anchors
- Height adjustment: 5 different heights using a sliding ruler along the post
- Net tension system by pinion jack
- Posts equipped with a printed tape measure for height adjustment
- Safety anchors provided
- 2 single posts on roller plates **Ref. VB090124**
- 1 central post on roller plate **Ref. VB090125**
- Can be used with latch anchors (not included)



Multi-use posts

- Powder coated steel tube Ø 34 mm
- Pointer on the post adjustable from 0.35 m to 2.075 m above the ground
- Delivered with nets
- Multi-use post with 25 kg ballast and wheels **Ref. VB090110**
- Multi-use posts to be ballasted **Ref. VB090109**



White powder coated aluminium umpire podium

- Aluminium powder coated profile **Ref. VB090203**
- Height of the platform: 1.37 m
- Height of the tablet: 2.41 m
- Side guardrail hoops
- Ladder with non-slip steps

COLOR on request 

VOLLEYBALL STORAGE AND ACCESSORIES

Compliant with the NF EN 1271 standard



Pinion jack

METALU +

- + Reinforced solidity
- + Secured locking of the pinion jack
- + Labelized "Origine France Garantie"

Pinion jack Ref. TN080304

- Compliant with the NF EN 1271 standard
- Aluminium body and attachment (screw included)
- Brass pinion
- Aluminium ergonomic crank, red powder coated for safety and comfort
- Crank can fit both right or left. Please ask us when ordering



Wall mounted racks for 4 pairs of posts Ref. VB090303

Wall racks

- Wall racks made of white powder coated steel tube 40 x 27 mm

Wall racks

- Rectangular steel tube 40 x 27 mm, white powder coated RAL 9010
- Wall mount for 1 pair of posts Ref. VB090301
- Wall mount for 2 pairs of posts Ref. VB090302
- Wall mount for 3 pairs of posts Ref. VB090303
- Wall mount for 4 pairs of posts Ref. VB090304

On plate racks

- Square steel tube 60 x 60 mm, white powder coated RAL 9010
- Racks for 3 pairs of posts Ref. VB090416

Accessories for volleyball

- Volleyball mural rail Ref. VB090107
- Aluminium net hanger Ref. VB090415
- Levelling rods for competition Ref. VB090315
- 1 protective foam 200 x 200 x 2000 mm Ref. MOUS0201
- 2 500 mm sockets for 100 x 120 mm ovoid posts Ref. FOUR001
- 2 500 mm sockets for Ø 90 mm round posts Ref. FOUR003
- 1 socket 500 mm Ref. FOUR005
- 2 sockets for VB090101 length 650 mm Ref. FOUR004



Transport trolley Ref. VB090600

- White powder coated square steel tube 40 x 40 mm for
 - 4 pairs of posts Ref. VB090600
 - 5 pairs of posts Ref. VB090605
 - 6 pairs of posts Ref. VB090610

OTHER EQUIPMENT

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Now
in hot dip
galvanized

Structure: White RAL 9010

Seats: grey RAL 7016

COLOR on request



METALU +

- + Custom-made
- + Wide range of colors

Locker rooms

- Metallic consoles are made of 35 x 35 mm square steel tubes
- The metallic structure is entirely powder coated in white (standard version)
- 3 materials for the seating, backrests, coat peg and bag racks:
 - Reinforced aluminium, powder coated in: grey RAL 7016 **(A)**
 - Iroko exotic wood **(B)**
 - Northern pine wood **(C)**

3 fixation systems

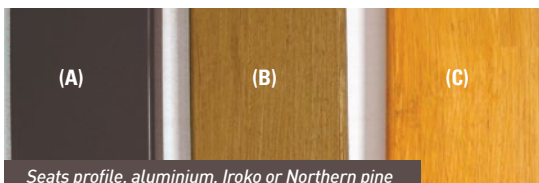
- Wall fixation
- Ground fixation
- Ground fixation for central benches

2 doubles coat peg to choose:

- Standard: PVC coat pegs, fixation 2 screws
- Option: steel coat pegs, fixation 2 screws **Ref. VSPATAC01**

Antirust treatment

- Reinforced antirust treatment on request



Seats profile, aluminium, Iroko or Northern pine



PVC pegs and optional steel pegs

Advice

Our locker rooms equipment are manufactured on request according to your specifications: Imagine your locker room, note the dimensions (based on the technical file), and then place your order. Your usual sales contact is at your disposal to help.

For more information ask for the file dedicated 100% to the locker rooms:

- Note the useful advice to define the pattern layout
- Discover a detailed presentation of the locker room's range

Types	References		
Console with seating	VSREP1	VSREP1-B	VSREP2
Console with seating + backrest	VSREP3	VSREP3-B	VSREP4
Console with seating + backrest + coat peg	VSREP5	VSREP5-B	VSREP6
Console with seating + backrest + coat peg + bag-rack	VSREP7	VSREP7-B	VSREP8

Complementary modules



Wall-mounted bag rack Ref. VSREP9

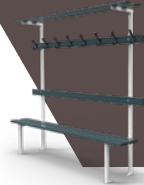


Coat peg Ref. VSREP10

LOCKER ROOMS INDEPENDENT MODULES

Structure: White RAL 9010

Seats: grey RAL 7016



VSREP0



VSREP1



VSREP3



VSREP5



VSREP7



VSREP1-B



VSREP3-B



VSREP5-B



VSREP7-B



VSREP2



VSREP4



VSREP6



VSREP8

OTHER

OTHER EQUIPMENTS

MOBILE GRANDSTAND AND SCORE TABLE

White RAL 9010

Ruler: grey RAL 7016

COLOR + on request

Now available
in outdoor version



+ PRODUCT

- + Easy transport on wheels
- + Easy to store: flip the grandstand to store it
- + 3 modules to combine

Indoor and outdoor mobile grandstand

Ref. TG3602XX

- Metalu-Plast manufactures mobile grandstand of 2, 3 or 4 rows. By combining the seats modules of 8, 12 and 16 seats, you can create the grandstand you need.
- Square steel tube 40 x 40 mm, white powder coated RAL 9010
- Structural aluminium seats, powder coated grey RAL 7016 other colors available on request.
- Staircase (1 m width) and seating units (2 m width) on 2, 3 or 4 rows
- Plywood non-slip floor "Glissnot", thickness 15 mm
- Railing made of round tube Ø 32 mm leaves a free passage on the sides of the 1st row.
- The grandstand is mobile: it has 4 swivelling wheels with brakes
- For storage: put the grandstand on the wheels to save space and to a simplified mobility



Lifted position

Side view of the seating unit

	2 rows	3 rows	4 rows
Total depth	1210 mm	2010 mm	2810 mm
Width of the seating part	2000 mm	2000 mm	2000 mm
Number of seats per unit	8 seats	12 seats	16 seats
Number of seats per staircase	2 seats	2 seats	2 seats



Score table

METALU +

- + Easy transportation
- + Storage space

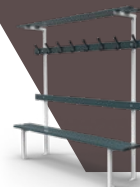
- Structure in white powder coated steel RAL 9010
- Plywood non-slip floor "Glissnot", thickness 15 mm
- Seating in reinforced aluminium, white powder coated
- Box with a steel lid locked with hooks: possible to put in padlocks (not included)
- 2 boxes for a seating unit of 3 people and 3 boxes for a seating unit of 6 people
- Pen holder
- 4 wheels (for the 3 seats reference) or 6 wheels (for the 6 seats reference)
- 3 people score table **Ref. GY010416**, length 1.6 m
- 5 people score table **Ref. GY010426**, length 2.4 m

DANCE CONSOLE AND STANCHION

SLACKLINE POSTS AND BOXING WALL-BRACKET

Console and stanchion : white RAL 9010

Brackets : Textured grey RAL 7016



Dance stanchions and consoles

Bar

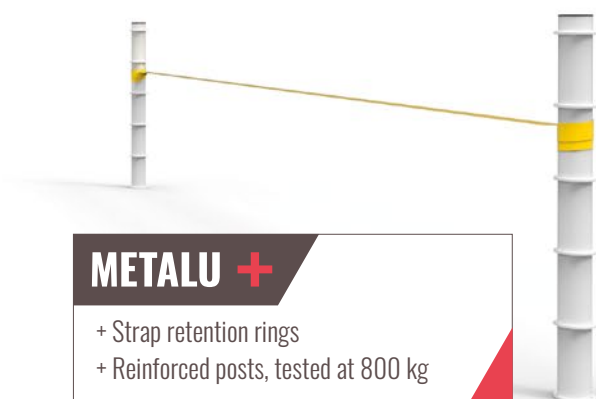
- Wooden bar, length of 1.5 m and diameter Ø 40 mm Ref. GYDANSBA

Stanchion

- Stanchion in white powder coated steel 40 x 40 mm Ref. GYDANSPS
- Single or double console to choose in addition to the stanchion
- Height of the top console 1050 mm
- Height of the lower console 850 mm
- Distance from the supporting wall 550 mm

Console

- Console in white powder coated steel tubes Ø 45 mm
- Fixing on the wall or on a dance stanchion
- Simple console Ref : GYDANSCS and double console Ref. GYDANSCD



METALU +

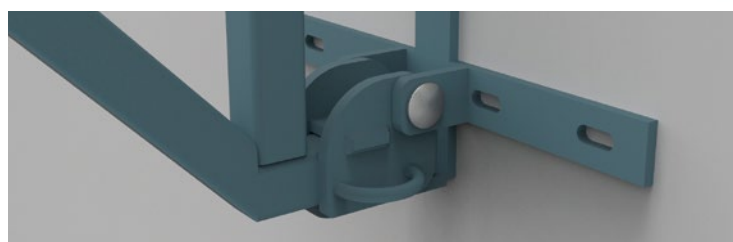
- + Strap retention rings
- + Reinforced posts, tested at 800 kg

Slackline posts

- Powder coated reinforced steel posts Ø 90 mm Ref. VB090130
- 6 welded rings to hold the strap height: 0 mm, 200 mm, 400 mm, 600 mm, 800 mm, 1000 mm

Optional equipment

- For a removable product, you can fit the posts on sockets Ref. FOUR003

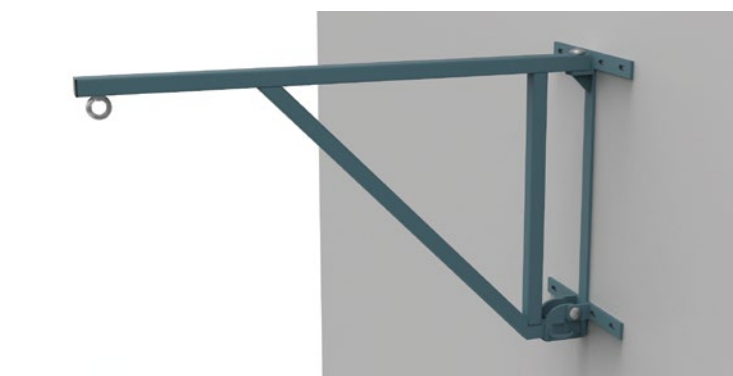


Punchbag wall bracket

- Structure of the wall bracket in powder coated galvanized steel, 40 x 40 mm
- Wall fixation plate in powder coated galvanized steel, thickness of 10 mm
- Latch for the rotation of the bracket in steel Ø 10 mm and axis Ø 12 mm for the foldable version

2 fixation systems:

- Fixed or folding wall-mounted



Overhang	Foldable wall bracket	Fixed wall-bracket
700 mm overhang	BOXPR700	BOXPF700
900 mm overhang	BOXPR900	BOXPF900
1200 mm overhang	BOXPR1200	BOXPF1200

ROOM DIVIDER

RAIL AND SHEETS - FOLDABLE, NOT FOLDABLE

White RAL 9010



Divider rail

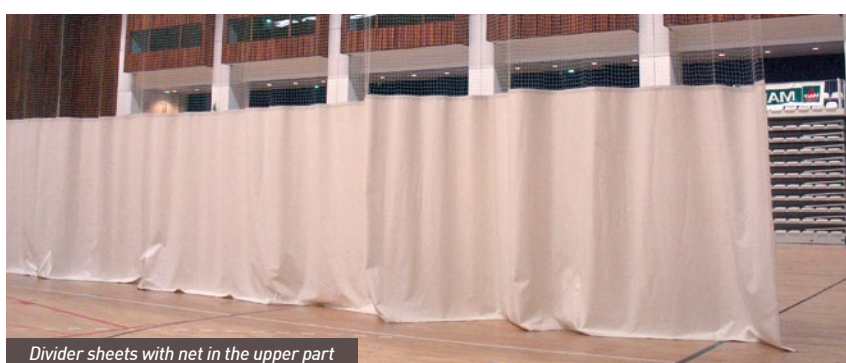
Divider

Divider rail

- Rail made of powder coated galvanized steel, RAL 9010, 30 x 35 mm
- Length to be specified upon order
- Sliders mounted on ball bearings + S-hooks
- The metal frame is entirely powder coated

Divider sheets

- Design: hemmed edge on the outskirts. Eyelets at the top every 50 cm. Weighted strip at the bottom (Please consult us)
- Size: Standard height 2 m. Other height on request



Divider sheets with net in the upper part

Information

For any quote request, please send photos and the dimensions of the room structure. Please specify if you want nets or sheets..

Type	Colors	Fire-classified
PVC sheet 600 g/m ²	Blue or green	M2
Polyester sail 300 g/m ²	White or green, Other colors on request	M1



Folded movable wall Ref. TG400111



Unfolded movable wall Ref. TG400111

Partitions

Mobile, folding partition Ref. TG400111

- Dimensions: when unfolded: length 4 m, height 2.50
- When folded: length 4 m, height 1.45 m
- Metal frame made of white powder coated square steel tube 40 x 40 mm,
- Equipped with 4 mark-free swivelling wheels Ø 75 mm including 2 with brakes
- M2 class blue sheet.

Mobile, non-folding partition Ref. TG400101

- Dimensions: length : 4 m, height: 2.50 m.
- Metal frame made of white powder coated square steel tube 40 x 40 mm
- Equipped with 4 mark-free swivelling wheels Ø 75 mm including 2 with brakes
- M2 class blue sheet

MAST, RAIL AND CLIMBING ROPES

INSPECTION CART



Climbing mast

Hot dip galvanized

Climbing mast Ref. RA200001

- Climbing mast: 140 x 140 x 4 mm steel tube, galvanized, climbing height of 5 m
- Arms: 100 x 100 x 3 mm steel tube, galvanized, total length of 2.05 m
- Ropes not included

Climbing ropes

- 5 knotted ropes Ø 25 mm 5 m length (school). Ref. GYCND25-5-X5
- 5 plain ropes Ø 32 mm 5 m length. Ref. GYCLD32-5-X5
- 5 plain ropes Ø 36 mm 5 m length. Ref. GYCLD36-5-X5

Information

Compliant with the BOEM 683.1 standard amended on the 29/09/10 by the Department of National Defence for armies (with the Ø 36 mm plain ropes).



Rope climbing rail

Rope climbing rail

White RAL 9010

- 6 m length (standard)
- 70 x 85 mm galvanized powder coated steel rail, to clamp to a metal beam or attach to a glued-laminated timber beam parallel to the ground Ref. RA100501
- Supports to be adjusted according to the type of structure: **consult us**
- Delivered with 4 wheels slider Ref. 4090448



4 wheels slider

Information

As this type of product is specific to each gymnasium, it is done according to the structures and fixing possibilities. Therefore it is necessary to have detailed plans of the building in order to make an adapted quotation (plans of the structure in side view and front view, plan of the gymnasium in top view with plotting of the grounds).

Contact our sale advisors for the complete technical file.



Inspection cart

White RAL 9010

- The inspection cart made of a very strong metallic frame, fully powder coated, with 4 wheels, including 2 swivelling wheels. Ref. FS800300
- The inspection cart is made of:
 - 13 x 20 kg steel weights with handles
 - 1 x 10 kg steel weight with handles
 - 1 steel tube post for the vertical pulling.
 - 1 mini chain hoist 500 kg
 - 1 strap and 1 cable
- Inspection of football, handball, basketball, field hockey and rugby equipment in accordance with the NF S52-409 standard

Size

- Length: 1100 mm x Width: 800 mm x Height: 1800 mm
- Weight: 320 Kg



METALU +

- + Non-slip surface on grip bars
- + Structure dimensions
- + Quality of mounting
- + Possible acces for People with Reduced Mobility

The modules

The Table Ref. SW010101

- Platform: 870 x 560 mm
- Height: 300 mm

Push-up bars Ref. SW010102

- Height: 200 - 500 - 800 mm

Triple parallel bars Ref. SW010103

- Height: 1000 mm
- Spacing: 600 mm
- Possible P.R.M access

Pull-up bars Ref. SW010104

- Height: 1800 - 2100 - 2400 mm

The combined Ref. SW010105

- Heights: 1800 - 2100 - 2400 mm
- Composition: ladder, pull-up bars,
- Sit-up bench, inclination 300/500
- Possible access for P.R.M

The tunnel Ref. SW010106

- Height: 700 - 900 mm
- Spacing: 600 mm

The mini combined Ref. SW010107

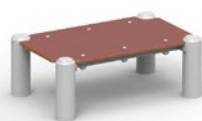
- Height: 1800 - 2100 - 2400 mm

The six pack Ref. SW010108

- Heights: 1800 - 2100 - 2400 mm
- Composition: ladder, pull-up bars,
- Sit-up bench, inclination 300/500
- Possible access for P.R.M

Technical description of the product range:

- Galvanized and powder coated steel tubes Ø 102 mm with aluminium cap
- Grips bars anti-corrosion treatment, powder coated and non-slip surface Ø 34 mm (Ø 60 mm for the triple parallel bars).
- Each apparatus has its own individual label with safety instructions and specific exercise instructions.
- **10 textured colors are available on request**



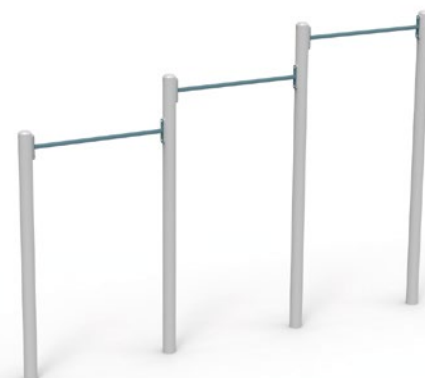
The table Ref. SW010101



Push-up bars Ref. SW010102



Triple parallel bars Ref. SW010103



Pull-up bars Ref. SW010104



The combined Ref. SW010105



The tunnel Ref. SW010106



The mini combined Ref. SW010107



The Six Pack Ref. SW010108



Field hockey goals

- Size 3.66 m x 2.14 m **Ref. HK060201**
- Profile 75 x 50 mm, in white powder coated aluminium
- Rear side arches: white sendzimir steel tube, Ø 32 mm
- CTBX - grade plywood board on the bottom of the goal:
Height: 400 mm
Thickness: 20 mm
- Net attachment using nylon hooks clipped into the rear rail of the profile
- Delivered with anchors
- Compliant with the code of sport and the hockey standard NF EN 750

Accessories

- Set of 4 additional anchors **Ref. HB050401**
- Set of 4 wheels for field hockey goals **Ref. HB060202**



Rink hockey goals

Competition goals : 1.70 x 1.05 m Ref. HK060160

- Ø 88 mm powder coated steel front frame
- Back frame equipped with a bellevé cross at the bottom part in order to bounce the ball into the goal
- Nylon hooks net fixation
- Delivered in pair without nets

Training goals 1.70 x 1.05 m Ref. HK060150

- Ø 60 mm white powder coated galvanized steel
- Connecting piece in moulded aluminium in the angles of the frame
- Arches in Ø 25 mm white powder coated galvanized steel tube
- Nylon hooks net fixation
- Depth: 0.90 m
- Anchors not included

Polypropylene net 45 mm mesh Ø wire 3 mm - Ref. 112HKBULL502V



Street hockey goals

- **Training goals 1.27 x 1.07 m Ref. HK060155**
- Goals in Ø 60 mm white powder coated steel tubes
- Connecting piece in moulded aluminium in the angles of the frame
- Arches in Ø 25 mm white powder coated galvanized steel tube
- Nylon hooks net fixation
- Anchors not included

BEACH VOLLEY

COMPETITION, LEISURE AND ACCESSORIES

White RAL 9010 

Competition beach volley

- Ø 90 mm white RAL 9010 powder coated reinforced aluminium tubes **Ref. VB090163**
- Adjustment of the height with a sliding ruler against the post
- Ruler with a winch tensioning system
- Posts equipped with a printed tape measure for adjustment of the height
- Posts are adapted to competition
- Aluminium base to fill with sand 980 x 730 mm
- Recommended net with blue edges strips **Ref. 112VBBULL40439**

Accessories

- 1 protective foam 200 x 200 x 2000 mm **Ref. MOUS0201**

Information

Official rules from the FIVB: posts must be fitted with a protective foam.



AFNOR Cert. 61477



Leisure beach volley

- Ø 90 mm white RAL 9010 powder coated aluminium tubes **Ref. VB090161**
- Adjustment of the height with a sliding ruler against the post
- Ruler with a winch tensioning system
- Posts equipped with a printed tape measure for adjustment of the height
- Aluminium base to fill with sand 980 x 730 mm
- Recommended net **Ref. 112VBBULL40415**



AFNOR Cert. 61477



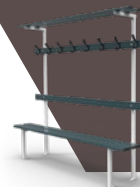
Aluminium plate

Beach volley accessories

- Beach volley boundary tape 8 x 16 m and 9 x 18 m **Ref. VB090126**
- 1 foam protection 200 x 200 x 2000 mm **Ref. MOUS0201**
- 2 aluminium plates to fill with sand 980 x 730 mm **Ref. VB090128**



Boundary tape for beach volley



Competition beach soccer goals

- Goals 5.50 x 2.20 m in Ø 102 mm powder coated aluminium tube yellow RAL 1023, with net support ears and struts made of Ø 32 mm powder coated sendzimir steel tube **Ref. FB04N408**
- Goals setted in the sand with a bottom central stabiliser board
- Moulded aluminium connectors in the corners of the goalposts
- Net attachment using nylon hooks clipped into the rear channel

Accessories :

- 2 braided polyethylene (PE) mesh nets 145 mm Ø wire 3 mm, white color **Ref. 112FBBULL106XW** and black color **Ref. 112FBBULL106XN**
- Set of 10 corners for beach-soccer 6 red and 4 yellow **Ref. FB040910**
- Boundary tape for beach-soccer **Ref. FB040911**



Beach tennis posts

Ref. TN080408

- Beach tennis posts made of white RAL 9010 powder coated aluminium tube Ø 90 mm
- Net height adjustment using a sliding rule on the post
- Capstan net tensioning system
- Aluminium base to fill with sand 980x730 mm

Accessories

- Polypropylene net mesh 45 mm thread Ø 2.3 mm black, fluorescent yellow edge tape **Ref. 112TNBULL0105**
- Boundary tape **Ref. VB090126**
- 2 foam protectors 2000 x 200 x 200 mm **Ref. VB090420**

Sand ball 3 x 2 m goals



- Goals made of powder coated aluminium tube Ø 102 mm yellow RAL 1023, with net support arches made of powder coated galvanized steel tube Ø 32 mm **Ref. HB05N408**
- Goals attached to the sand with a bottom central stabiliser board
- Moulded aluminium connectors in the corners of the goalposts
- Nylon hook net attachment clipping into the rear channel of the profile and with a bungee cord on the back at the bottom

Accessories

- Polypropylene net with mesh 100 mm, thread Ø 3 mm black **Ref. 112HBBULL200N**
- Roll of bungee cord for 1 pair of goals **Ref. FLFB1111**



METALU +

- + No bar at the back of the structure
- + Adjustable height and verticality

On floats goal

Ref : KP060107

Frame

- Aluminium 50 x 50 mm
- Inner size: 1.5 x 1.0 m
- Painted frame in red with adhesive white tape.
- 2 heights of play: 1.70 m (junior categories) and 2 m

Structure

- 50 x 50 mm and 45 x 45 mm aluminium tubes
- 40 x 40 mm strut

Flotation system

- In galvanized steel, 80 x 40 mm
- High density foam (45kg/m3): 2000 x 200 x 250 mm
- Ballast on the base structure to equilibrate the goal
- **Net size:** 1,6 x 1,1 m - Mesh : 100 x 100 mm, Ø 2.5 mm wire



To be hanged

Frame Ref : KP060106

- Red powder coated aluminium frame in 50 x 50 mm square with adhesive white tape.
- Inner size: 1.5 x 1.0 m
- Rings fixed on the goal crossbar to enable the passage of lanyards on the lower part
- Suspension with lanyards (not included)

Net size: 1600 x 1100 mm - Mesh: 100 x 100 mm, Ø 2.5 mm wire

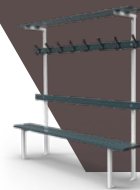


Goal on posts

- Red powder coated aluminium frame in 50 x 50 mm square with adhesive white tape.
- Inner size: 1.5 x 1.0 m
- Height adjustable according to the play category and water height
- 100 x 100 mm galvanized steel square posts
- Custom-made product: please contact us

HANDISPORT

WHEELCHAIR SHELTER, HANDI BENCH AND TORBALL GOAL



Wheelchair shelter

- Based on our V.I.P. team shelter design, without seats
- Height 1.9 m
- Width between 1.5 and 7.5 m
- Powder coated aluminium structure
- Colors on request

METALU +

- + High-end product
- + Modular shelters



Handi bench

- Powder coated square steel tube, 35 x 35 mm
- Seating depth of 82 cm to ensure the stability and safety.
- White powder coated steel
- Seat in reinforced powder coated aluminium RAL 7016,

Options

- Other colors on request, cf page 60
- Wood seats, Iroko exotic wood or in red Northern Pine



Torball goal

- Maracana 7 x 1.3 m front frame in white powder coated Ø 102 mm aluminium, with slide rail and hooks to fix the net
- Folding frames in white powder coated galvanised steel RAL 9010, in 35 x 35 mm and 30 x 30 mm squares
- Telescopic spacer bars are attached to the wall for adjusting from 0.90 to 1.40 m or from 1.40 to 2.10 m
- 2 wheels per goal fixed under the spacer bars to facilitate the swivelling
- Supplied with 2 anchors
- Wall mounting **Ref. TB01N212**
- Mounting on posts when wall mounting is not possible **Ref. TB01N222**

NETS

BADMINTON, HANDBALL, HOCKEY AND BASKETBALL 71

TENNIS, VOLLEYBALL AND BEACH SPORTS 72





How to choose a net ?

Polyethylene (PE) : For indoor and outdoor use

- Highly resistant to U.V rays
- Mainly knotted nets for a better set up and maintenance of the net

Polypropylene (PP) : For indoor and outdoor use

- Highly resistant to U.V rays
- Nets more flexible, without knots

Polyamide (PA) : For an indoor use only

- Fine mesh nets, for badminton practice

Information

Metalu Plast offers a quick delivery for sports nets: Shipping in France within 48 to 72 h upon order reception (maximum weight: 25 kg).

Twisted or braided ? Double mesh ?

Twisted wire (polyethylene): For training and leisure practice

- The strands are twisted to make the wire
- Nets with knots with a maximum diameter of 2.5 mm

Braided wire (polyethylene): For competition, intense practice, training and leisure

- The strands are braided to make the wire
- The braided wire can be easily knotted, and to the desired diameter (up to 4 mm)
- The braided net mesh offers a better flexibility than the twisted net

The double mesh is recommended on tennis nets on the first 6 rows when the wire diameter is less than 4 mm, because it offers a better resistance on the spots where the net undergoes the most balls impacts.



Ref. 112BA526

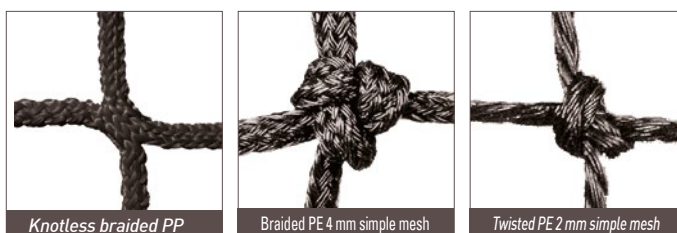
Badminton nets

- 19 mm polyamide mesh
- Size: length 6020 mm x height 760 mm
- Top strip 39.5 mm
- For a competition use, posts should be normalized with their nets
- Brown color

Use	References	Ø wire (mm)	Top strip	Strip on the edges	Other informations
Compétition	112BA526	1.6	PVC	PVC	Avec barres de cadrage
Training	112BA525	2	PVC	Coton	With rope
Leisure	112BA520	1.2	PVC	PVC and coton	Sold in linear meter

Handball nets

Nets type	References	Mesh	Ø wire	Material
Handball	112HB218N	Simple 120 mm	2 mm	TPE
	112HBBULL201N	Simple 100 mm without knots	4 mm	PP
	112HBBULL202N	Simple 100 mm without knots	4 mm	PP
Bottom-weighted damper	112HBBULL203N	Simple 100 mm	4 mm	PP
Prim'hand	112HBBULL205N	Simple 100 mm	3 mm	PP



- 100 mm mesh (IHF standard)
- Simple or double, from 2 to 4 mm (IHF standard)
- Black net
- The bottom-weighted damper net must have the same mesh and color as the goal net (IHF standard)
- Nets are sold in pairs

Hockey nets

Field hockey

- Polypropylene net mesh 45 mm, Ø wire 4 mm **Ref. 112HKBULL500N**

Rink Hockey

- Polypropylene net mesh 45 mm, Ø wire 3 mm **Ref. 112HKBULL502V**

Street Hockey

- Green polypropylene net mesh 48 mm, Ø wire 3 mm **Ref. 112HK0155**
- Nets are sold in pairs

Basketball nets

Nets	References
Pair of white Polypropylene Ø 5 mm basketball nets	112BB0002
Pair of white Polypropylene Ø 6 mm basketball nets	112BB0003
Filet de basket anti-vandalisme à l'unité, Ø 5 mm vert Livré avec câble et serres câble	112BB0005

NETS

TENNIS, VOLLEYBALL AND BEACH SPORTS

Tennis nets

Different types of mesh:

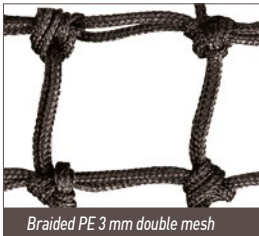
- Standard dimensions: 12.7 x 1.06 m
- Cable Length: 13.50 m
- 48 mm mesh for leisure, 45 mm for training and competition
- Double mesh for the 6 first rows to ensure the strength of the net
- Black net
- Sold in unit

Accessories on request:

- Additional PVC strip **Ref. TN080316**
- Additional polyester braided strip **Ref. TN080315**
- Replacement wire, length 13.5 m **Ref. TN080310**
- Regulator anchor box **Ref. TN080302**

Mini tennis nets:

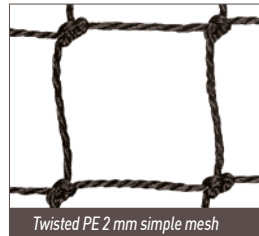
- Length 3 m **Ref. 112TN3853**
- Length 6 m **Ref. 112TN3856**
- Length 8 m **Ref. 112TN3858**



Braided PE 3 mm double mesh



Braided PP without knots



Twisted PE 2 mm simple mesh

Padel nets

- Ref. 111PA601N**
- Ref. 111PA603N**

References	Ø wire	Matter	Strip	Reinforcement on the sides and bottom part
Knotted nets, delivered with adjuster				
6 rows of double mesh under the headband				
112TN3302PN	3 mm	TPE	Braided strip	PVC reinforcement
112TN3302N	3 mm	TPE	Braided strip	
Knotless nets, delivered without adjuster				
112TNBULL304N	4 mm	PP	PVC strip	
112TNBULL301N	3 mm	PP	PVC strip	PVC reinforcement on the side + bottom overlapped
112TNBULL300N	3 mm	PP	PVC strip	Overlock

Competition volleyball

- Class A and B standard: black mesh with upper, bottom and side white stripes. Levelling rods should be provided.
- 100 mm mesh, white PVC headband
- Sold in unit
- Size: 9.50 m x 1 m
- Sheathed steel cable 5 mm / 6 mm
- Headband: white PVC, width 70 mm, tensioning cord at the bottom
- 50 mm strip around the edges
- Side strips attached to the upper and bottom strips with VELCRO® to enable a precise positioning above the court lines
- Braided PP wire 3 mm
- Metal bar frame

Nets References: (FIVB)

- Sheathed steel cable length: 12.15 m **Ref. 112VBBULL437N**
- With snap hooks **Ref. 112VBBULL438N** (spacing between snap hooks : 10.30 m)
- International competition net** - 6 fixing points, kevlar cable, **Ref. 112VB488N**

Training volleyball

Nets with cord tensioning system:

- Twisted PE wire 2 mm
- Headband: white PVC, 40 mm width, tensioning cords top and bottom
- Size: 9.5 x 0.9 m **Ref. 112VB415N**

Nets with cable tensioning system:

- Sheathed steel cable 5 mm, length 12.15 m and 10.30 m for the reference with snap hooks
- Headband: white PVC, 50 mm width, tensioning cord at the bottom
- Size: 9.50 m x 1 m

Nets references:

- Twisted PP wire 2.5 mm **Ref. 112VBBULL415N**
- Twisted PP wire 3 mm **Ref. 112VBBULL401N**

Beach sports

Beach Volley leisure

PPM net, mesh 100 mm, black wire Ø 2,5, yellow edge tape **Ref. 112VBBULL40415**

Beach Volley competition

PPM net, mesh 100 mm, black wire Ø 3, blue edge tape **Ref. 112VBBULL40439**

Beach Tennis

PPM net, mesh 45 mm, black wire Ø 2.5 mm, fluorescent yellow edge tape **Ref. 112TNBULL0105**

Beach Soccer :

- 2 braided PE Ø 4 mm nets, simple mesh 120 mm :
White **Ref. 112FBBULL106XW** - Black **Ref. 112FBBULL106XN**

Sandball :

- PPM net, mesh 100 mm, Ø wire 3 mm, black **Ref. 112HBBULL200N**

GENERAL TERMS AND CONDITIONS

TO BE PHOTOCOPIED AND RETURNED SIGNED

1) Preliminary provisions

The present conditions cancel and replace any previous conditions and regulate the relationships between our Company and its Customers. All other documents issued by our Company, in particular catalogs, prospectuses, advertising materials are for information only. By accepting an offer issued by our Company, the Customer accepts the present conditions. Consequently, the client states that he accepts expressly and without reserve these conditions, which have priority over all other documents issued by the Customer and all other agreements with the Customer, unless individual conditions have been agreed between the Parties. In the event that one of the Parties does not rely on any one of the present conditions at any given time, he shall not be deemed to have waived his right subsequently to rely on any of the said conditions whatsoever.

2) Order - quotation

Unless otherwise agreed, the offer shall be valid for one month from the date on which it is made. Orders placed and quotations requested by the Customer shall not be deemed to have been accepted by our Company until written agreement has been sent by the latter. The date, on which the contract comes into force, shall be the date printed on this agreement. No cancellation in whole or in part or any amendment in terms of quality or quantity of the order or quotation may be accepted without the written agreement of our Company. In the event that any cancellation or amendment is expressly accepted by our Company, this may give rise to an increase in the prices fixed and may cause fresh delays in delivery.

3) Delivery - Receipt

3.1 Delivery is by the postal service or by a haulage contractor at our premises. The deadlines for delivery and for the performance of the contract are provided for information purposes only depending on the supply and transport capacity of our Company, unless these fixed dates and times have been expressly agreed between our Company and the Customer. Unless such has been agreed, late delivery shall not give rise to damages or interest, withholding of payment or cancellation of any order or work in progress. Our Company is entitled to perform deliveries of work in whole or in part. If, for any reason whatsoever, our Company delivers, on one or several occasions, in whole or in part, the products, materials and equipment required for installation, these shall be in the care and custody of the Customer in accordance with the full force of the law.

3.2 Our products, irrespective of the transport conditions, are transported at the risk of the Customer. Consequently, all risks, which may be suffered by the products with effect from the time of delivery, shall be borne by the Customer. The Customer must therefore take out appropriate insurance and bear the costs thereof. In all cases, it is the responsibility of the Customer in the event of non-conformity, visible defect, damage, default or delay to note these defects clearly and precisely

on the haulage contractor's receipt document and to notify the haulage contractor by registered letter with acknowledgement of receipt of its justified objection within two days, excluding public holidays, of receipt of the products. One copy of this statement must be sent to our Company within the same period. Claims regarding visible defects or the non-conformity of the services received as regards the products or the services ordered must be submitted in writing within two days of receipt of the services. In all cases the Customer shall be obliged to ensure receipt of the products or services. He must therefore be present at the premises and on the date of the delivery or receipt and must provide suitable handling equipment. Otherwise no claim may be entertained.

4) Liability

4.1 Our Company undertakes to perform the obligations defined in the quotation or the order in accordance with the standards and regulations in force. The sole certifications recognised are those of the independent inspection authorities commissioned by our Company. In this respect, the products are sold with the customary manufacturing tolerances. Our Company employs its best endeavours in performing services.

4.2 The products are supplied for the use, destination, technical features and assignment specified in the order or quotation.

The use of the products as provided or in combination with other products, the handling and installation of the products shall be at the risk of the Customer. The Customer undertakes to store and use the products in conformity with the regulations in force, the assembly and maintenance instructions issued and to comply with and cause others to comply with the entirety of his obligations as regards his own Customers. Our Company accepts no liability whatsoever for any attempt to repair the products by any third party or by the client himself; for normal wear and tear of its products; for malicious acts for defects and deteriorations of products delivered resulting from abnormal conditions or non-compliance with the conditions of storage, installation, use and maintenance subsequent to delivery of the products. More particularly, our Company does not accept liability for any breaches of conditions by the Customer as regards the final Customer. Consequently, all costs resulting from such degradations, in particular costs of repair, manufacture, installation, re-installation, transport etc. shall be borne by the Customer.

4.3 In the event of a claim based on visible or hidden defects or on the non-conformity of the products delivered with the products ordered, it is the responsibility of the Customer to provide all the evidence required with respect to the actual existence of the defects or anomalies discovered. He must allow our Company every facility for proceeding to confirmation of these defects or anomalies. No return shall be accepted for any reason whatsoever, without the prior written agreement of our Company. In the event that any defect or anomaly, for which the Customer submits

evidence, arises from the fault of our Company, the obligation of the latter shall be restricted to replacing the defective quantities by similar products, excluding the costs of installation, re-installation and transport.

4.4 The Parties agree, having taken into account the nature of the products supplied, that when our Company is liable, for whatever reason whatsoever, redress shall apply solely to the direct, personal and certain damage incurred by the Customer to the express exclusion of any redress for any indirect and material damage, such as financial loss, damage to image, etc. The amount of damages which our Company may be obliged to pay in the aforesaid conditions shall be in any case restricted to the amount of the order or quotation.

4.5 In the event of the occurrence of an event of force majeure, exceptional circumstances or outside causes, in particular by virtue of fire, flood, total or partial strikes, lock-outs, restrictions on movement, intentional damage, theft, changes in legislation, impossibility of obtaining raw materials, disruption to power supplies, malfunction or failure of electricity or telecommunications networks, etc. our Company shall be released ipso jure and without penalty from its duty to deliver with effect from the date of the occurrence of the events and undertakes to notify the Customer at the earliest opportunity.

4.6 As part of the sale of its products, Metalu Plast grants its customers a contractual guarantee to cover the cost of repair, refurbishment of its products under the conditions defined in the annex of these terms.

4.7 The Customer may also be offered the underwriting of optional commercial guarantees. The duration, price and individual conditions of these guarantees are available on request by the client and can be provided with the quotation.

5) Prices - Payment

5.1 Our Company's prices are those in force at the time of the order or quotation. They may nevertheless be amended at any time, subject to 7 days' notice, in particular in the case of a significant variation in the cost of the raw materials.

5.2 Invoices are payable within 30 days at the end of the month. No discount shall be granted for payment in advance. A claim regarding the quality of a product may not suspend payment unless proof of deficiency is submitted prior to the due date of the invoice and shall apply solely to the invoiced value of the products concerned.

5.3 In the case of late payment our Company may suspend all orders or work in progress, without prejudice to any other course of action. Penalties for arrears at a legal rate five times the legal interest rate shall be applied in the case where the sums due would be paid subsequent to the date of payment stated on the invoice. These penalty charges shall not be due until receipt of a formal demand. To this is added the fixed charge of €40.00 (forty Euros) for recovery costs.

6) Collaboration - Independence

6.1 The Customer must provide to our Company all the information required for it to carry out its obligations. This information must be sufficiently explicit to allow our Company to estimate its bid. In this respect, the Customer shall remain liable for the content and the accuracy of the information, which he communicates to our Company and shall guarantee the latter against any legal action, which may arise from the said information. The Customer must amend any data, which he considers not in compliance with his order, in order to allow our Company to revise its bid in consequence.

6.2 Our Company reserves the right, as an independent company, to subcontract the order or quotation in whole or in part.

7) Non-disclosure - Intellectual property

7.1 Our Company and the Customer mutually undertake to maintain the strictest confidentiality as regards all information, which they may learn during the performance of the obligations contained in the purchase orders or quotations. The Parties undertake to refrain from communicating to third parties, unless compelled to do so by law, the information, which has become known to them by reason of the duties, which are the object of the present contract. They undertake to cause their staff and employees to comply strictly with this duty.

7.2 The studies, projects and documents of any nature, submitted or sent by our Company shall remain its material and intellectual property. They must be returned at its request.

8) Reservation of Title

The products sold by our Company shall remain its property until payment in full of the sale price, costs, interest and additional costs. However, the risks are transferred on delivery. The Customer gives his personal undertaking to our Company that he shall refrain from disposing, by any means whatsoever, either in full ownership or as a pledge, of the products purchased. In any case, the products stored with the client shall be deemed not to have been paid for. In the event of resale of the products by the Customers, either with or without further processing, the Customer undertakes to transfer to our Company the price paid by the sub-purchasers up to the limit of the price of the products remaining to be paid. In case of default in payment, our Company may, without any loss of any other rights, demand by registered letter with acknowledgement of receipt the return of the products at the cost and risk of the Customer. Any legal and Court costs shall also be borne by the Customer.

9) Court of jurisdiction

In the case of a legal dispute, the Parties shall attempt to come to amicable agreement within 10 days following the date on which the said dispute arose. In default of such an agreement, all disputes with regard to the present contract shall be submitted to the jurisdiction of the Caen Commercial Court, even in the case of a third party appeal or multiplicity of respondents.

Company's stamp and signature:

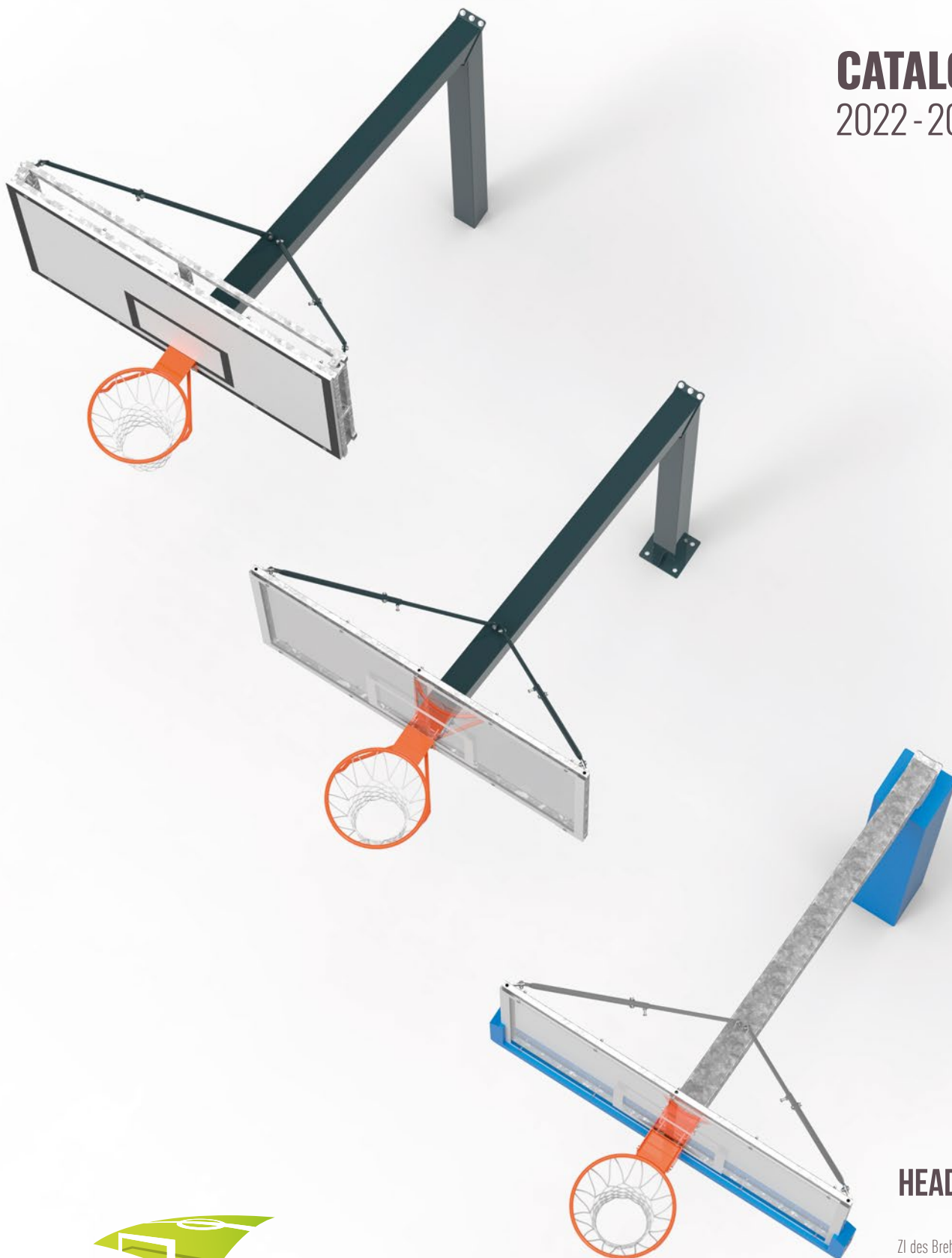
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CATALOG

2022 - 2023



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