GIMTRAC
GYM & TRACK EQUIPMENT

Basketball posts

column mount · swivel post · plexiglass backboard



Column mount



Swivel post



Plexiglass backboard

In this brochure

Column mount	1.2 m overhang, in ground, fibreglass board, anti-dunk ring	page 2
Swivel post	basketball and netball on one post, the head turns and locks	page 3
Plexiglass backboard	the column mount with a clear 1800 x 1050 board, white lines	page 5

Dimensions and weights from the CAD models.

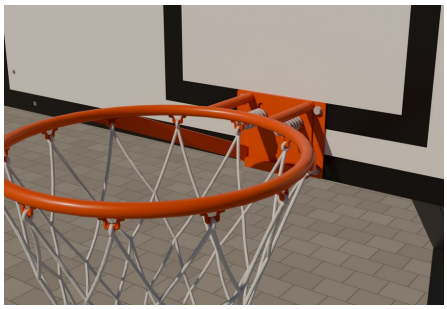
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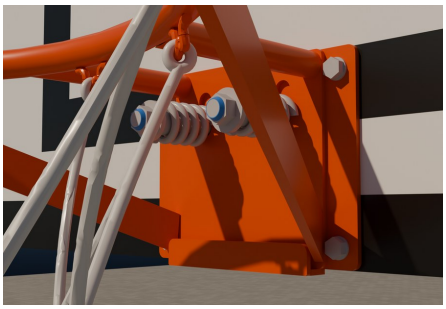
Basketball column mount

1.2 m overhang · in ground · fibreglass board · anti-dunk ring

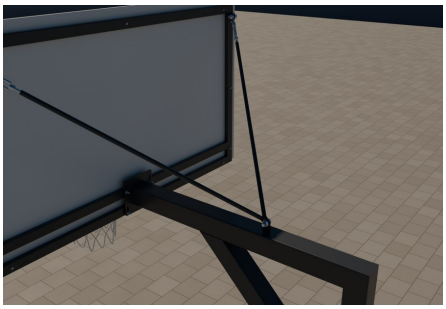




The anti-dunk ring and its net



Spring bolts in the cradle bracket



The arm and the stays with turnbuckles

Specification

Ring height	3.05 m to the top of the ring (FIBA)	Ring	450 mm inside, 20 mm solid, anti-dunk
Overhang	1.25 m from the board's face to the post	Net	Deportiva, on 12 hooks
Post	101 x 101 mm square steel, planted 800 mm deep	Stays	two, with turnbuckles to square the board
Board	1800 x 1050 mm fibreglass, FIBA markings	Finish	dark grey powder coat; ring orange
Board frame	1700 x 1000 mm steel frame behind the board	Steel weight	≈ 81 kg, the board and net extra

Features

- A 101 x 101 mm square post planted 800 mm deep in concrete on a base plate, with a 1.2 m overhang arm and a welded gusset under it
- The board, its frame and the ring bolt together as one piece and slide onto the arm's flange - the bolts through slots, so the board's height is set on site
- Two stays from the arm to the top of the frame, each with a turnbuckle, hold the board square and steady
- Anti-dunk ring: it sits in a bent cradle bracket and is held up by two spring bolts - pulled down, it gives and springs back, sparing the board, the ring and the player
- 1800 x 1050 mm fibreglass board with the FIBA border and target rectangle in black
- Powder coated dark grey, the ring and its brackets orange; galvanised, or galvanised and powder coated, on request

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Basketball and netball swivel post

one post, two courts · 1.2 m overhang · in ground

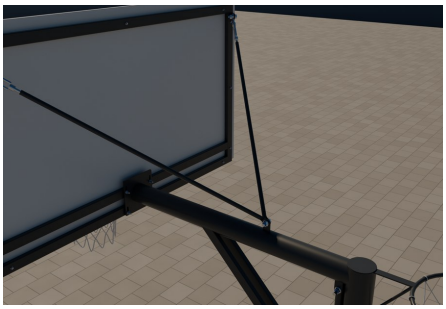




The netball ring on the back of the post



The lever between the gusset bars



The arm and the stays with turnbuckles

Specification

Basketball ring	3.05 m to the top of the ring (FIBA)	Lever	1.64 m, hangs to 1.3 m above the floor
Netball ring	3.05 m, on the back of the post	Board	1800 x 1050 mm fibreglass, FIBA markings
Overhang	1.24 m from the board's face to the post	Rings	basketball anti-dunk 450 mm; netball 380 mm
Post	101 mm round steel, planted 800 mm deep	Finish	dark grey powder coat; basketball ring orange
Head	turns on the post, locks either way round	Steel weight	≈ 80 kg, the board and nets extra

Features

- One post for two courts: a basketball board and anti-dunk ring on the 1.2 m overhang, a netball ring on the back
- The whole head - arm, board, both rings - turns on a bearing at the top of the post, so either ring can face the court in play
- A lever hangs against the post between the two gusset bars. Pull it forwards to unlock and use it to swing the head round; let it hang again and its pin drops into the post and locks the head
- The lever hangs to about 1.3 m above the floor, in easy reach of a 1.6 m adult; it locks the head front or back
- The board, its frame and the ring bolt together as one piece onto the arm's flange; two stays with turnbuckles hold it square
- Anti-dunk basketball ring on spring bolts; 1800 x 1050 mm fibreglass board with the FIBA lines
- Powder coated dark grey, the basketball ring orange; galvanised, or galvanised and powder coated, on request

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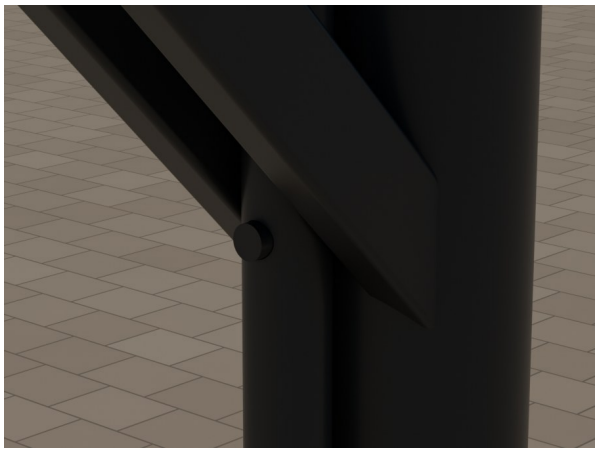
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Turns to suit the court

pull the lever forwards, swing the head, let the lever hang



The lever pulled forwards: the head is free to turn



Hanging, the lever's pin locks the head

How it works

- The head - arm, board, rings and stays - sits on a bearing at the top of the post and turns around it
- The lever hangs from the arm between the two gusset bars; a pin through it passes into the post and locks the head
- Pull the lever forwards: the pin comes out and the lever becomes a handle against the gusset bars - swing the head round
- Let the lever hang again: the pin drops into the post, front or back, and the head is locked with basketball or netball facing the court

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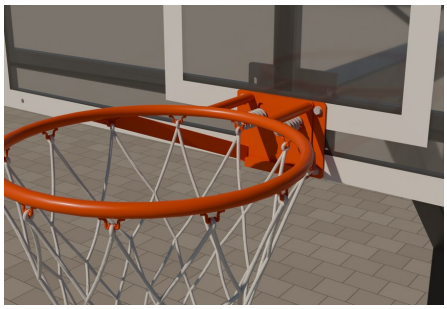
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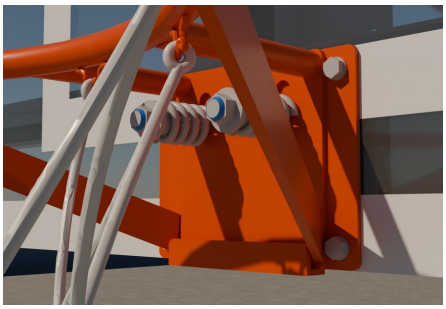
Plexiglass basketball backboard

1800 x 1050 mm clear plexiglass · white FIBA markings · anti-dunk ring

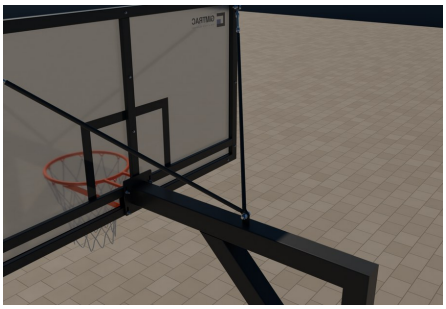




The anti-dunk ring and its net



Spring bolts in the cradle bracket



The arm and the stays with turnbuckles

Specification

Ring height	3.05 m to the top of the ring (FIBA)
Overhang	1.25 m from the board's face to the post
Post	101 x 101 mm square steel, planted 800 mm deep
Board	1800 x 1050 mm clear plexiglass, white FIBA markings
Board frame	steel, 1800 x 1050 mm - the board's own size, behind it
Ring	450 mm inside, 20 mm solid, anti-dunk
Net	Deportiva, on 12 hooks
Stays	two, with turnbuckles to square the board
Finish	dark grey powder coat; ring orange
Weight	≈ 84 kg steel; the board ≈ 27 kg

Features

- A clear 1800 x 1050 mm plexiglass board - the FIBA border and target rectangle in white - the look of an indoor arena board, outdoors
- A steel frame the full size of the board behind it, with a centre upright and a cross bar, so the board is carried all round and across its middle
- A 101 x 101 mm square post planted 800 mm deep in concrete on a base plate, with a 1.2 m overhang arm and a welded gusset under it
- The board, its frame and the ring bolt together as one piece and slide onto the arm's flange - the bolts through slots, so the board's height is set on site
- Two stays from the arm to the top of the frame, each with a turnbuckle, hold the board square and steady
- Anti-dunk ring: it sits in a bent cradle bracket and is held up by two spring bolts - pulled down, it gives and springs back, sparing the board, the ring and the player
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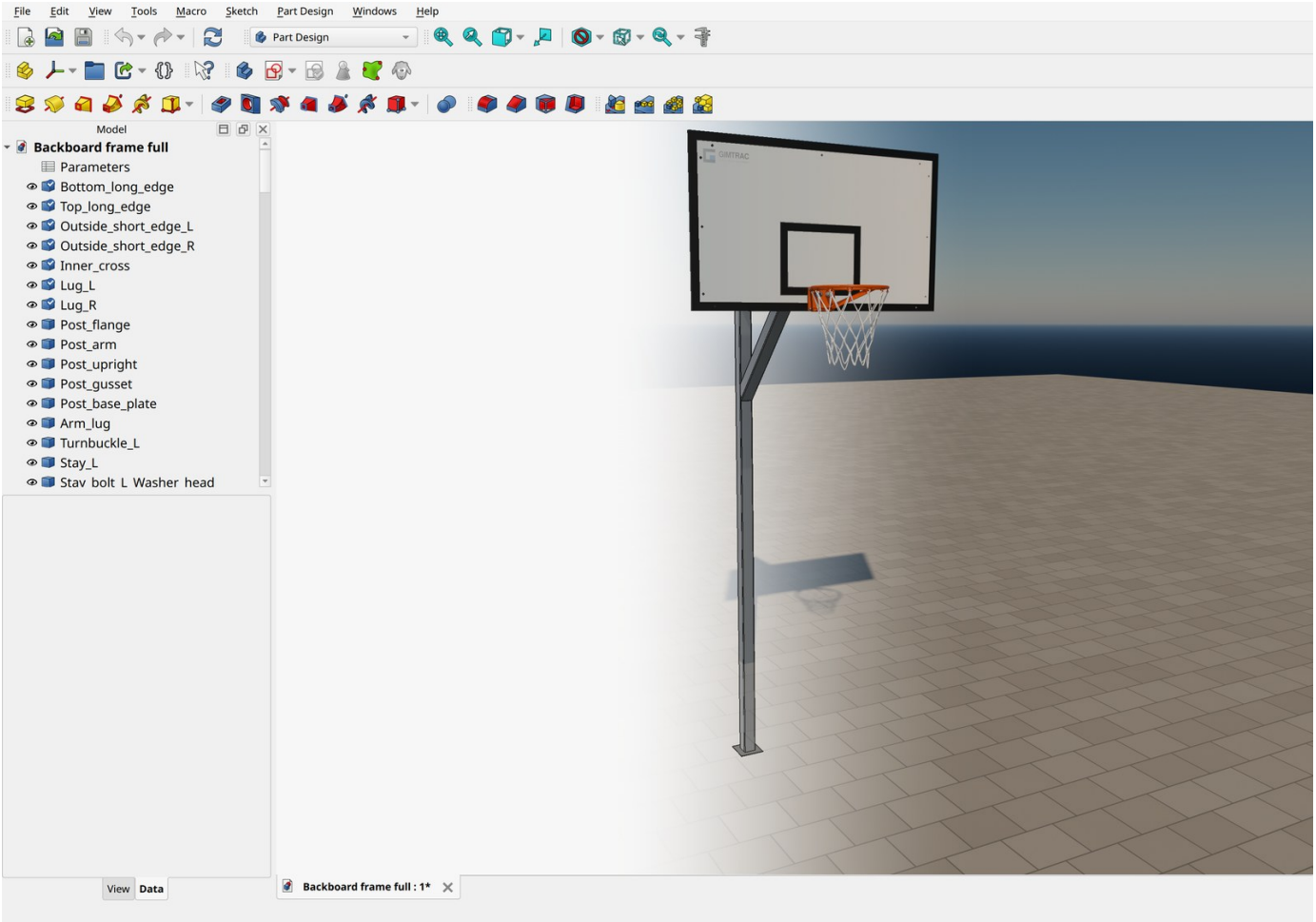
Basketball posts can be made to order

Parametric computer aided design for easy customisation, laser cutting for rapid, accurate production

Every post in this brochure is generated from one model in which the board, its frame, the post, the overhang, the stays and the rings are all parameters. Changing them changes the drawings, the cutting list and the price together. From concept to finished post, we turn your ideas into technical drawings, and our drawings into manufactured reality.

What can change

- Other overhangs and ring heights, down to mini basketball
- In ground, in sleeves, or bolted down on a base plate
- Fibreglass, glass or plexiglass boards, other board sizes
- Any powder coat colour; galvanised, or both



From the model in FreeCAD, every size a parameter, to the finished post

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Made in-house

Every Gimtrac post is manufactured in-house, using the latest techniques and automated equipment. The CAD model drives the cutting lists and the laser programs; our 6 kW DXTECH tube laser cuts, bevels and drills each tube in one set-up, accurate to a fraction of a millimetre, and our 3 kW DXTECH laser welder makes strong, clean welds with little heat and distortion.



DXTECH TKP6240 bevel tube laser
6 kW, two chucks, round and square tube to 240 mm and 6 m long, a ±45° bevel head



DXTECH 3 kW laser welder
Fibre laser welding: faster than TIG or MIG, with neat welds that need no grinding

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Basketball

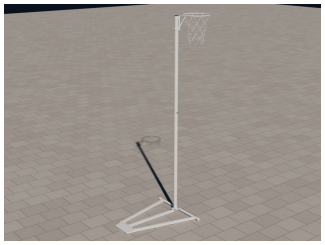

Folding mobile basketball units


Wall-mounted folding units


Anti-dunk rings


Chain nets

Netball


Netball posts


Netball post padding



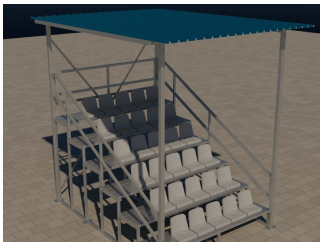
Netballs

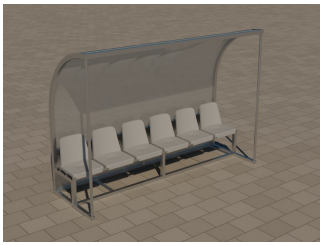

Basketballs

Also from Gimtrac


Soccer goals


Volleyball posts and nets


Grandstands, 1 to 6 tiers


Player shelters

See the full range of goals, nets, posts, shelters, Rhino Rugby and more at www.gimtrac.co.za, or call us for a quote.

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