PadelMagic

TOP PROFESSIONAL
PADEL COURT

TYPE: PROFESSIONAL
CODE: PM-TOP
ORIGIN: SPAIN

Centre court at numerous official FIP and Premier tournaments. Built for top competition: performance, robustness and care in every detail, with an optional perimeter ring in structural tube and two-tone lacquer.



PRINCIPAL PERSPECTIVE VIEW

00 Key specifications

PM-TOP · FULL DETAIL ON PAGE 2

STRUCTURE	• Material: **Structural steel** • Main frame tube: **3 mm** • Mesh-panel frame: **2 mm** • Welded mesh: **50×50×4 mm** • Back wall: **No posts, self-supporting** • Anchoring: **ø12 × 110 mm, 110 Nm**
JOINTS	• Type: **Inner bushing, full tube** • Wall thickness: **4 mm, machined** • Bolts: **DIN 7380 M8, metric** • Threads: **Made in factory** • Drilling on site: **None**
GLASS	• Typology: **Tempered, EN 12150** • Thickness: **12 mm** • Panels: **18 × 3×2 m** • Support: **On tube, not on ground**
LIGHT POSTS	• Straight: **60×60×2 mm** • Curved / Z: **40×40×3 mm / 40×40×2 mm** • Height: **6 m**
LIGHTING	• Floodlights: **8 × 200 W LED** • DIALux: **579 lx · Uo 0.77** • Optics: **Asymmetric, standard** • Optional: **240 W or 320 W**
TURF	• Typology: **ACT Score** • Optional: **ACT Premier · Mondo** • Certification: **FEP & FIP 2026** • Colours: **5 available**
PAINT	• Colour: **Any RAL, two-tone option** • Corrosion: **C3 / C4 / C5 (ISO 12944)**
ON SITE	• Wind: **> 180 km/h, engineer-signed** • Perimeter ring: **Optional, max. rigidity** • Delivery: **3–4 weeks**

HEADQUARTERS

C/ Plomo 5, Nave 6
47012 Valladolid — Spain

CONTACT

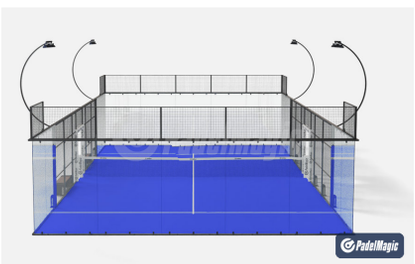
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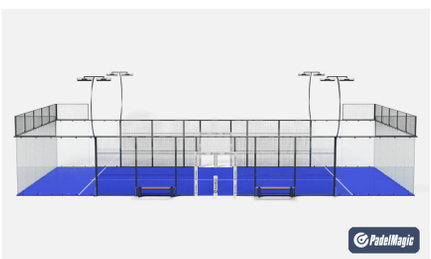


UPPER VIEW

STANDARD	FEDERATION	ORIGIN
EN 12150	FEP & FIP 2026	SPAIN



FRONT VIEW



SIDE VIEW

01 Overview

Open-structure court for maximum visibility and professional performance. Every joint carries a 4 mm inner joint bushing: a full tube, machined at the factory, not a folded plate. 3 mm tube where wind and impact concentrate, 2 mm on the mesh-panel frames.

Factory threads and metric bolts: nothing is drilled on site and no self-drilling screws are used, so water cannot get in to start corrosion from inside. The back walls have no posts: they are self-supporting, and the glass rests on tube, never on the ground.

02 Technical Specifications

JOINTS	4 mm inner joint bushings: full tube, machined and factory-threaded · DIN 7380 M8 metric bolts · no drilling on site
TUBE THICKNESS	3 mm where wind load and impact concentrate · 2 mm on the mesh-panel frames · 4 mm on every joint bushing
STRUCTURAL MODULES	8 × 3000×2000 mm · 4 × 3000×1030 mm · 2 × 870×1940 mm · all with 40×40×2 mm structural tube and 50×50×4 mm mesh
PANORAMIC BACK WALL	100×50×3 mm structural tube · panoramic back walls without posts, self-supporting thanks to 9 tempered glass panels 12 mm thick
UPPER FRAME	50×50×4 mm welded mesh · 2000×1000 mm steel panel for 2995×1995×12 mm glass
POSTS & RING	Folded U support with double brace and anchor plate · optional perimeter ring with upper hatches for lighting and data cables
TEMPERED GLASS	18 panels of 12 mm, 3×2 m · EN 12150 · methacrylate or silicone fixing · rests on tube
WIND & CORROSION	Designed for winds above 180 km/h, signed by a structural engineer · C3, C4 or C5 certificate (ISO 12944) from the paint manufacturer
LIGHTING	8 asymmetric 200 W LED floodlights · 579 lx average and 0.77 uniformity in DIALux study · optional 240 W or 320 W asymmetric floodlights · 6 m poles integrated into the structure: straight 60×60×2 mm, curved 40×40×3 mm, Z-shaped 40×40×2 mm
ANCHORING	Mechanical anchor ø12 × 110 mm · torque 110 Nm
ACCESS	Free access (WPT compatible) · swing door with lock or automatic sliding door optional
PLAYING SURFACE	ACT Score turf as standard · optional: ACT Premier or Mondo · FEP and FIP 2026 certified · used at the Gustavo Pratto Academy
FASTENERS	Metric bolts only (DIN 7380 M8 at the bushings, DIN M10 elsewhere), every bolt covered with a black cap
DELIVERY & ASSEMBLY	Delivery in 3–4 weeks · assembly by our own team or with a step-by-step guide · client provides lifting machinery and props

03 Customisation

LIGHT POLE
Shape
STRAIGHT · Z-SHAPED · CURVED

ACCESS DOORS
Type
SWING · DOUBLE · AUTOMATIC SLIDING

TURF COLOUR
Grass
5 COLOURS AVAILABLE

MESH COLOUR
Frame
ANY RAL COLOUR

GRASS PILE
Profile
Monofilament or textured, to choose

BENCHES
Finish
STANDARD · PREMIUM · SMART

04 Included & Optional

INCLUDED

- 8 asymmetric LED floodlights (200 W)
- 12 mm tempered glass
- Silica sand and playing net
- Metric DIN 7380 bolt kit with caps
- 4 mm machined inner joint bushings
- Seaming tape and adhesive for the turf

OPTIONAL

- 240 W or 320 W asymmetric floodlights
- Swing or automatic sliding doors (retrofit kit)
- Booking software + door and light automation (ReservaDeportes, over 4G)
- Interactive dual 43" screen, cameras and wireless Magic Button
- Anti-bird net kit
- Upper safety net
- Branded corners and over-net
- Spare glass and maintenance kit
- Any RAL colour · C5 certificate

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