



PORTABLE BASKETBALL UNIT - "COMPETITION"

Technical Data Sheet

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Reference: **BASQ008**

Unit Structure:

- ✓ Structure made in different types of steel tubing S235JR produced according to EN10025
- ✓ Base made in steel tube with 100x50x4mm
- ✓ Triangle made in steel tube with 150x100x3mm
- ✓ Overhang made in steel tube with 150x100x3mm
- ✓ Backboard structure made in steel tube with 50 x 30 x 1,5 mm
- ✓ Telescopic reinforcements made in round steel tube with 3/4" and 1" diameter

Mechanical Properties	Values
Superior yield stress	$R_{eh} \geq 235 \text{ N/mm}^2$
Tensile strength	$R_m = 360-510 \text{ N/mm}^2$
Minimal extension	$A = 20\%$

Backboard:

- ✓ **Backboard made in acrylic with 12mm thickness**
- ✓ High resistance to shock impacts
- ✓ Highly resistant against chemical and corrosion
- ✓ Long life span due to natural UV resistance of the material
- ✓ Includes backboard padding in black polyurethane foam

Hoop and Net:

- ✓ **Reinforced massive flexible metal hoop with spring system**
- ✓ Painted in orange
- ✓ 12 Fixation points for the net equally spaced to prevent athletes from injuring their fingers
- ✓ Interlaced nylon net with 3,5mm in white

Front and side protection:

- ✓ **Rigid polyurethane foam covered with black vinyl fabric**
- ✓ Soft cushion foam with 23 kg/m³ density
- ✓ Durable covering thanks to vinyl characteristics:
 - Waterproof
 - UV Resistant
 - Excellent abrasion resistance
 - Easy to clean

Surface treatment:

- ✓ **Metal components have an anti-corrosion treatment**
- ✓ Structure painted in black with a two component polyurethane primer and paint specially made for metallic structures
- ✓ Telescopic reinforcements treated with zinc coating



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Technical Characteristics:

- ✓ **Hoop height: 3,05 meters** (Basketball)
- ✓ **Overhang: 2,4 meters**
- ✓ Manual hydraulic lifting system of overhang and backboard.
- ✓ Polyurethane wheels to assure an easy transportation and preservation of sports flooring
- ✓ Game and storage position thanks to its folding overhang and backboard
- ✓ Telescopic reinforcements connect the overhang to the backboard to assure a better stability of the last
- ✓ Counterweight made on the back of the unit with cements blocks
- ✓ 3 Ground fixation points made on the back (2) and on the front (1) of the base of the unit
- ✓ 24 Second shotclock and support structure included (Needs a Sports Partner main scoreboard to work)

Technical Drawings:

Game Position



