

PORTABLE BASKETBALL BACKSTOP

S04100





Portable basketball backstop Hydroplay ACE, FIBA approved for international competitions and tested by TUV Italia accordingly to the relevant standard EN1270. Each unit's construction consists of 4 main elements: the base, the rear trellis, the front trellis and the projection arm. The base, with total external dimensions of 2030x1050 mm, is made with tubes having section 150x50x4 mm and 150x50x3 mm that delimit the perimeter and rests on the ground on a rear tube with section 150x50x3 mm and on a front two plates with dimensions 200x180x10 mm welded on a tubular profile having section of 90x90x4 mm. On the back side of the base is housed the shaped concrete counterweight with indicative weight of 500 kg, covered with a suitable pad made of foam and PVC. The rear trellis is made entirely with tubes having section of 80x50x3 mm welded together with different inclinations in order to strengthen the entire structure and absorb the game's vibrations transmitted through the projection arm. The front trellis is made almost entirely with tubular profiles having section of 120x60x3 mm welded together with different inclinations and strengthened through the use of plates with a cross section of 100x15 mm. Finally, the projection arm, characterized by the new curved design, is produced through the merger by means of pulsed wire welding of laser cut metal sheets with thickness of 3 mm (top and bottom) and 4 mm (sides) and stiffened internally by a tubular profile with section 80x20x2 mm and 10 mm thick plates having also the function to allow the passage of the power cable feeding the 24" shot clock. Inside the projection arm is housed as well the mechanical device that allows maintaining the perpendicularity of the backboard to the various heights of the game. On the backside of the projection arm are welded shaped plates with thickness of 12 mm that permit the connection of this element to the front and back trellis. The union between the four elements constituting the main unit's structure is obtained through chromed steel pins with section of 25 and 30 mm, while the correct and fluent movement of the various elements of the structure, during the lifting operations to the game positions or the descent towards the rest position, is ensured by the use of ball bearings and needle roller bearings.

The horizontal displacement of the backstop on any type of playing surface is achieved through 4 wheels with a diameter of 200 mm, width of 50 mm and 450 kg capacity having a core of die-cast aluminum and an outer ring made of elastic rubber non-marking. Two swivel wheels are installed frontally while two fixed wheels are installed posteriorly, under the concrete counterweight, on the base element's structure. On request it is possible to increase the number of wheels up to a maximum of 9 (3 in front position + 6 in rear position).

An hydraulic unit electrically operating (220V), integrated into the interior space on the base element, allows to manage both the lifting or the descent of the wheels with proper control lever as well as the ascension of the backstop to the game positions or the closure to rest position through a second control lever, in an independent way.

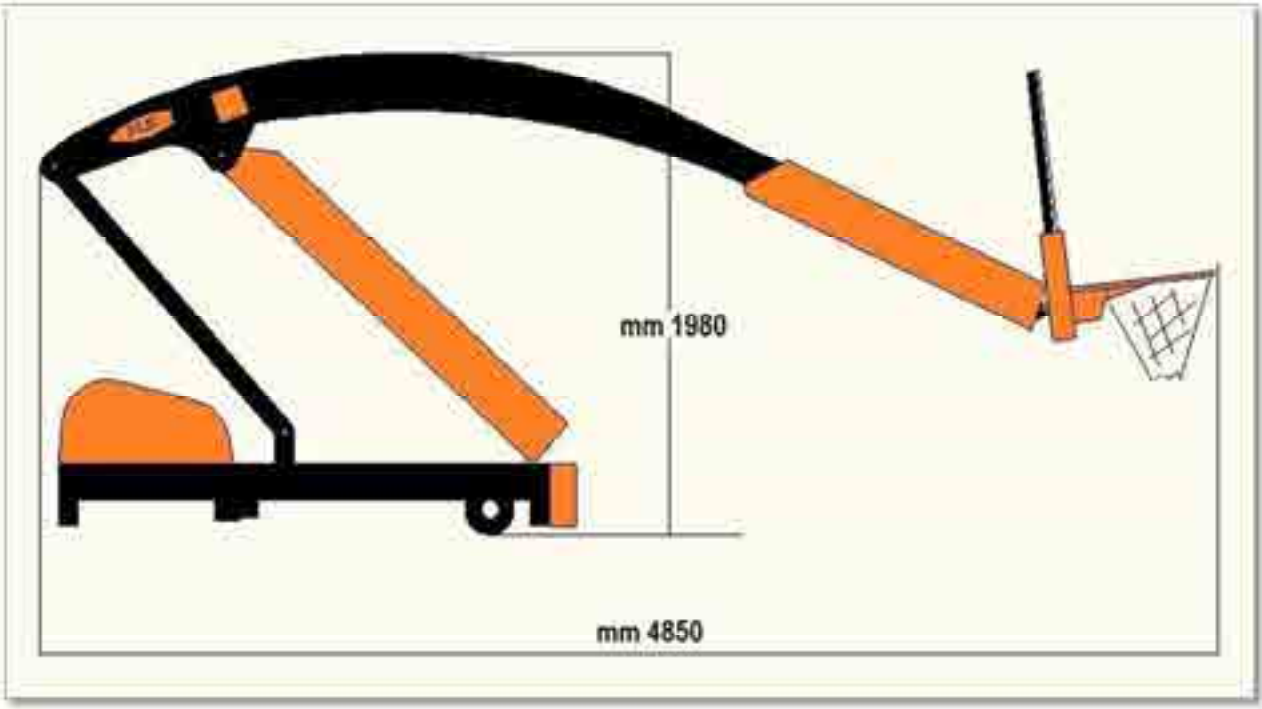
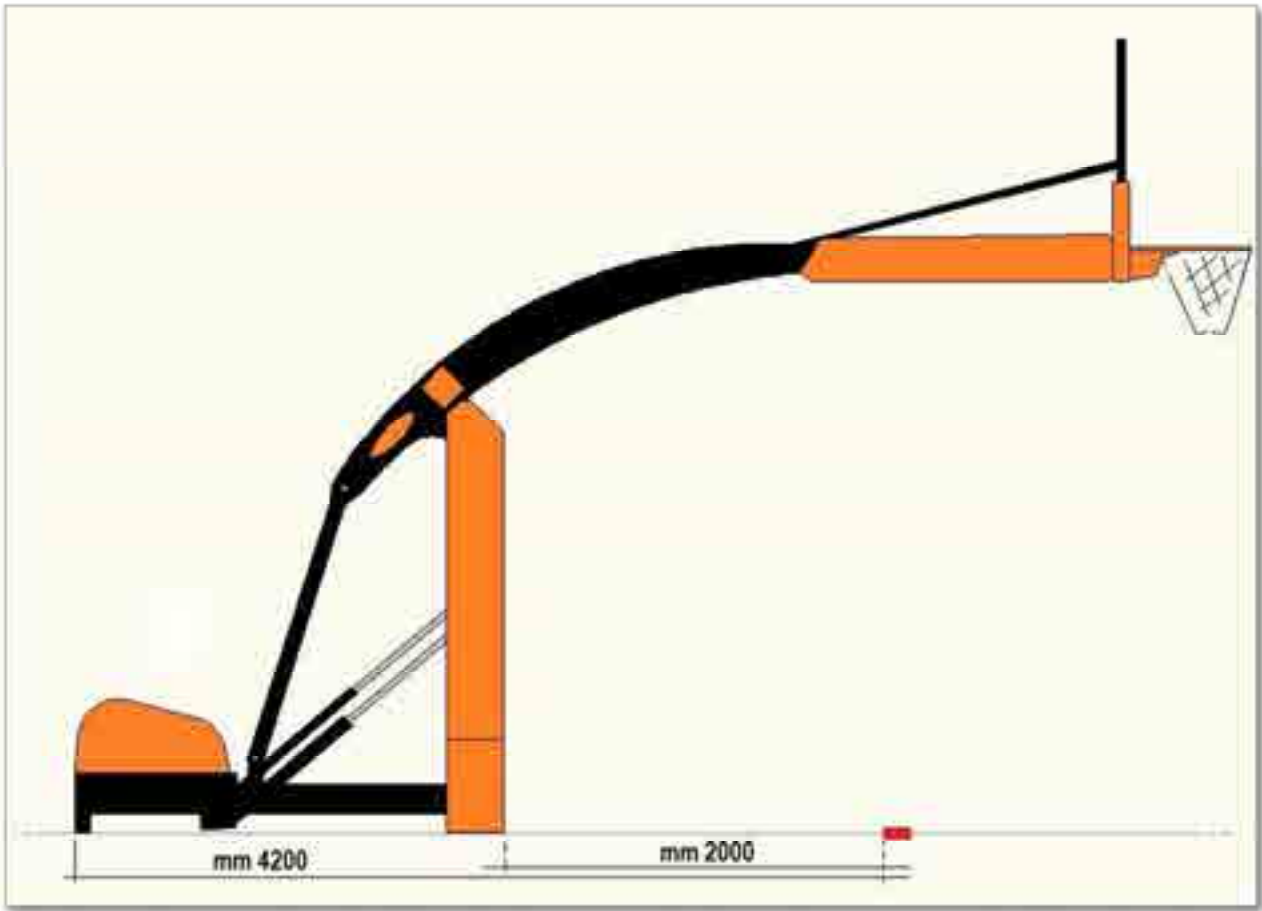
To the power pack is connected a special oleo-dynamic piston with special fittings and equipped with suitable safety valves and a front nut that allows, in case it is needed, to adjust the backstop's height. In parallel to the piston, between the rear of the base and the front trellis, runs a telescopic beam with auxiliary function to allow the immediate identification of the different game's heights corresponding to basketball or mini-basketball standards.

Basketball backstop Hydroplay ACE is supplied complete of:

- Sets of adequately shaped protective pads made with plywood support, upholstery in expanded foam and PVC coating, designed to protect the front side of the unit (15 cm thickness) as well as the projection arm as required by current FIBA's regulation ;
- backboards made of safety tempered glass, in accordance to EN12150 standard, 12 mm thickness with central ring's cut-out to allow the fixing of the ring directly to the supporting steel frame and security adhesive film applied on the back side of the sheet. The glass sheet is mounted, sandwich-style, on a special steel frame with front L shaped counter-frame. Backboards are equipped with a protective polyurethane foam as required by current FIBA's regulation as well as with the red LED light system to be connected to the 24" shot clock indicator;
- Reclining basketball rings with special no-hooks tie system for the basketball net;
- Basketball net made of ultra-durable nylon;
- Ground fixing plates and accessories to secure units to the ground..

The basketball backstop Hydroplay ACE has projection of 325 cm which guarantees to respect a safe area of 200 cm between the front side of protective pad and the outside edge of basketball court's line and requires a total space of 450 cm for the correct positioning on the court. The overall dimensions in the rest position are equal to cm 485x200 (width of backboard with proper polyurethane pad) x198h.

Total weight of each unit is around 1,300 kg .





Italia

Attestation of Conformity

No.: VA_MEC 13 09 017

Holder of Attestation : SPORT SYSTEM di Pradal Celestino & C. S.A.S.
Via del Lavoro,2 31020 San Fior (TV)

Product: Basketball equipments

Model(s): Hydroplay Ace Eletric – S04100
Hydroplay FIBA 2.0 Electric – S 04103

Tested acc. to: EN 1270:2008
§ 4 and sub-clauses
§ 5 and sub-clauses

Test report no.: MEC13126.00

Factory inspection not required and not performed

Remarks

Products tested had no change in design, materials, components or processing according to license holder declaration. This Attestation refers to the tested samples described in the Test report above mentioned.

The series production is not subject to a control and is not part of this document.

In case of any changes this attestation will expire and products may require repetition of some tests in order to retain the approval.

This attestation doesn't allow the use of TUV-SUD mark.

Scarmagno (TO)

Date: 2013-09-05

Nicola Berruti

TUV Italia Srl - Division Manager Product Service



CERTIFICATE OF APPROVAL

Valid until: **December 31, 2018**

Issued to:

SPORT SYSTEM S.R.L.

FIBA Equipment & Venue Centre Partner since: 1995

FIBA (Fédération Internationale de Basketball) hereby declares, by means of this certificate, that the basketball equipment, indicated below, fulfils the standards specified in the latest edition of the Equipment & Venue Approval Programme and is therefore qualified as a

TECHNICAL PARTNER

Product Category:
BACKSTOP UNITS

Competition Level: 1

Name of Product/Model: **Easyplay Official; Easyplay FIBA; Hydroplay Official; Hydroplay FIBA; Hydroplay ACE; Hydroplay FIBA 2.0**

Competition Level: 2

Name of Product/Model: **Top (ceiling mounted backboard); Trevi (wall mounted backboard)**

Competition Level: 3

Name of Product/Model: **Hydroplay Training; Easyplay Training; Hydroplay Club**

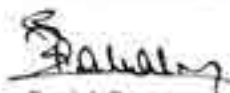
Level 1: Main Official International Competitions of FIBA: Olympic Tournaments, World Olympic Qualifying Tournaments for Men & Women, FIBA World Cup (WCC) for Men, FIBA WC for Women, FIBA U19WC for Men for Women, FIBA U17 WC for Men for Women, All Continental Championships, including all Qualifying Games and Tournaments for these Championships.

Level 2: Medium Level of Competitions: All other FIBA Official Competitions as Official Cups and Tournaments of FIBA and High Level Competitions of the National Federations.

Level 3: Other Competitions: All other Competitions not included in the others.

Contract No: 20-2015

The Manufacturer is authorized to use the FIBA Equipment & Venue logo in its true colours on the above products models in accordance with the artwork provided. Note: FIBA levels of competition describe the levels of competition for which the product(s) may be used. There is no link with the quality of the product(s).


Patrick Baumann
Secretary General

January 2017
Date

fiba.com