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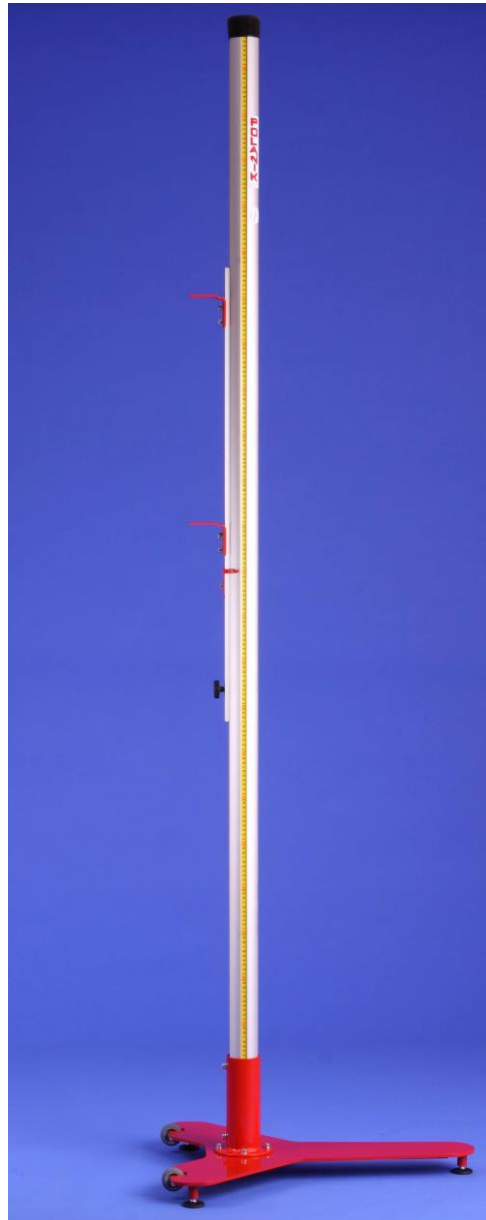
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Technical specification Assembly manual

Competition high jump stand STW-01



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Product Support
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Contents

Chapter	Page
I. General description and use	2
II. Technical specification	3
III. Assembly	4
IV. Operating and maintenance	5
V. Parking and transport	5
VI. IAAF Certificate	6
VII. IAAF Certificate translations	7
VIII. Product images	7

I. General description and use

STW-01 is a set of two competition stands. The stands are designed for high jump event in all international and national athletics competitions. The product can be also used for professional athletics training. The set has got unique, patent protected constructional solutions, unparalleled among other producers



IAAF certificate



special aluminium profiles



measuring tape in profile



2 crossbar brackets



fast and reliable height adjustment mechanism



wheels for rolling

II. Technical specification

Code	STW-01
Type	competition, certified
Crossbar brackets	aluminium, anodized, equipped with two crossbar brackets, one complies with arrow indications and the other one is mounted 50 cm lower to prevent sliding for longer distances
Pillar	special aluminium profile, anodized
Base	galvanized steel, powder painted, equipped with wheels for rolling
Height adjustment mechanism	fast and reliable mechanism of lifting and lowering crossbar support by means of handwheel, ensures precise height adjustment
Height range [cm]	75 – 250
Set net weight [kg]	38

*the height at which the top edge of the crossbar that is placed on the supports is positioned - the height is indicated on the measuring tape installed in the pillar by the height arrow

III. Packing and transport

The set is packed in carton boxes and delivered in parts (pillars and bases separately):

Boxes' dimensions [m]	contents	2 pillars	2 bases	total
	length L	2,54	0,74	
	width B	0,20	0,59	
	height H	0,18	0,085	
Volume [m³]		0,09	0,04	0,13
Gross weight [kg]		20,00	19,60	39,60



IV. Assembly

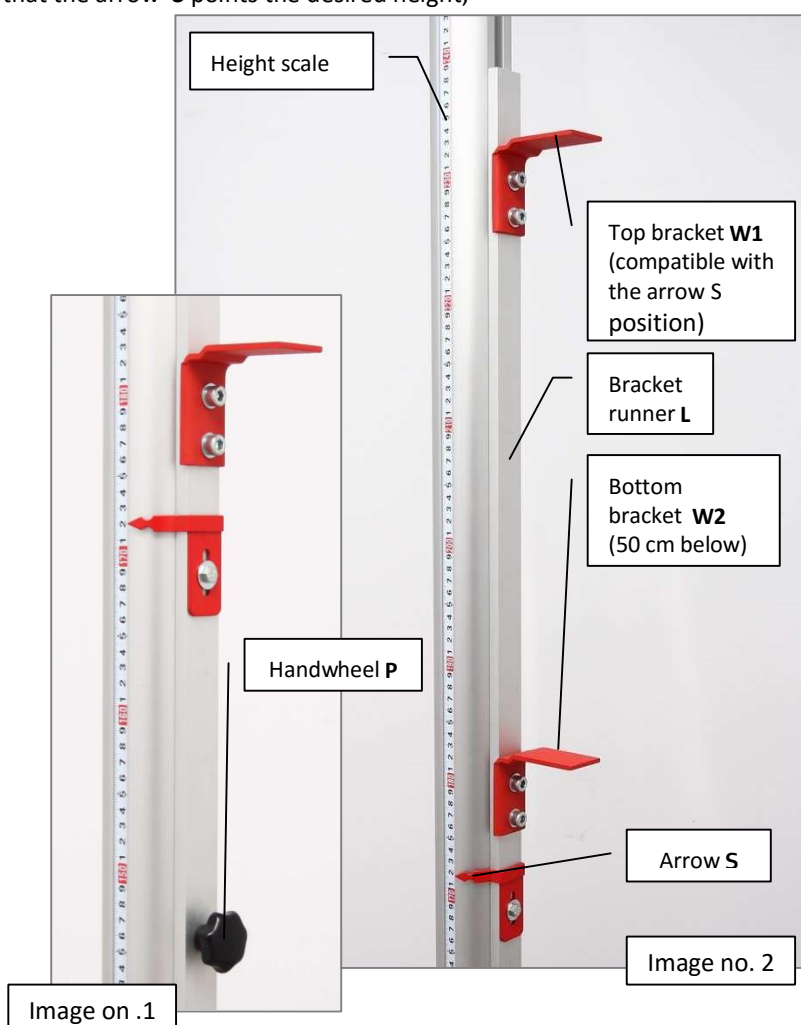
The set of two high jump stands is delivered in parts: pillars and bases separately. The bases are to be screwed to the pillars. The screws and a hex key come with the set. All the components are marked: left and right base, left and right pillar. It is assumed that the right stand is the stand located on the right side of landing area looking from the run up.

V. Operating and maintenance

The handwheel **P** (image no. 1). is used to height adjustment. In order to set the desired height :

- unlock bracket runner **L** by turning the handwheel **P** left
- move the crossbar brackets **L** so that the arrow **S** points the desired height,
- then block the crossbar brackets by turning the handwheel right until you feel resistance.

The actual height is indicated by the arrow **S** (image no. 2), which corresponds to the position of the top crossbar bracket **W1**. The bottom bracket **W2** is positioned 50 cm below. It significantly quickens the height adjustments – helps to avoid shifting the brackets for longer distances. The high jump stands are factory calibrated so that the arrow **S** always indicates the height at which the upper edge of the crossbar is (assuming the crossbar diameter approx. 30 mm). For example, setting the arrow **S** on the scale at the height of 150 cm, the top bracket **W1** will be at the height of 147 cm, and the bottom bracket **W2** at the height of 97 cm. When the crossbar is placed on **W1** its upper edge will be approximately at the arrow height 150 cm. This height should be also confirmed using the measuring device **MDHJ-3** (available separately) by measuring the height in the middle of the crossbar.



During the idle periods the stands should be transported to the roofed and dry place. After each athletics season all the sliding elements should be cleaned and grease with a spray lubricant.

VI. Product images



STW-01 © 2014 Polanik

The producer reserves the right to introduce without warning changes in product constructions and colours.

VII. Certificates IAAF Certificate no E-08-0519

International Association of Athletics Federations



Product Certificate

The IAAF is pleased to certify hereby that the following product:

Product's Trade Name: Uprights, High Jump, Competition

Description, Colour / Absolute Thickness: Aluminium anodised, 0.75m-2.50m, Red/silver

Company Name, Country: Polanik Sp. z o. o. - Sp. K., POL

Catalogue Number: STW-01

IAAF Certification Number: E-08-0519

meets the dimensional requirements for use in all international athletics competitions.

It is for the purchaser to determine the item's fitness for the purpose based on his knowledge of the local conditions and use.

Valid from: 1 April 2016

Until the last day of: April 2020

This certificate is issued in accordance with the terms and conditions of the IAAF Certification System of track and field facilities, implements and competition equipment.



SEBASTIAN COE
IAAF President



JORGE SALCEDO
IAAF Technical Committee Chairman

