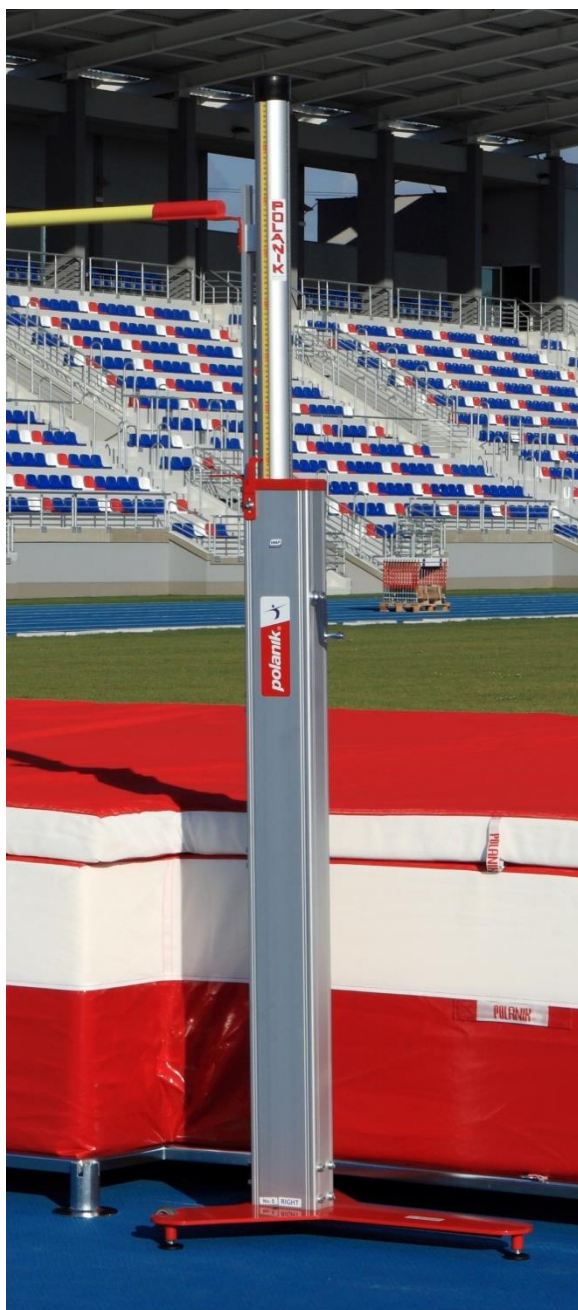


TECHNICAL SPECIFICATION **ASSEMBLY MANUAL**

Super competition high jump stand STW-02

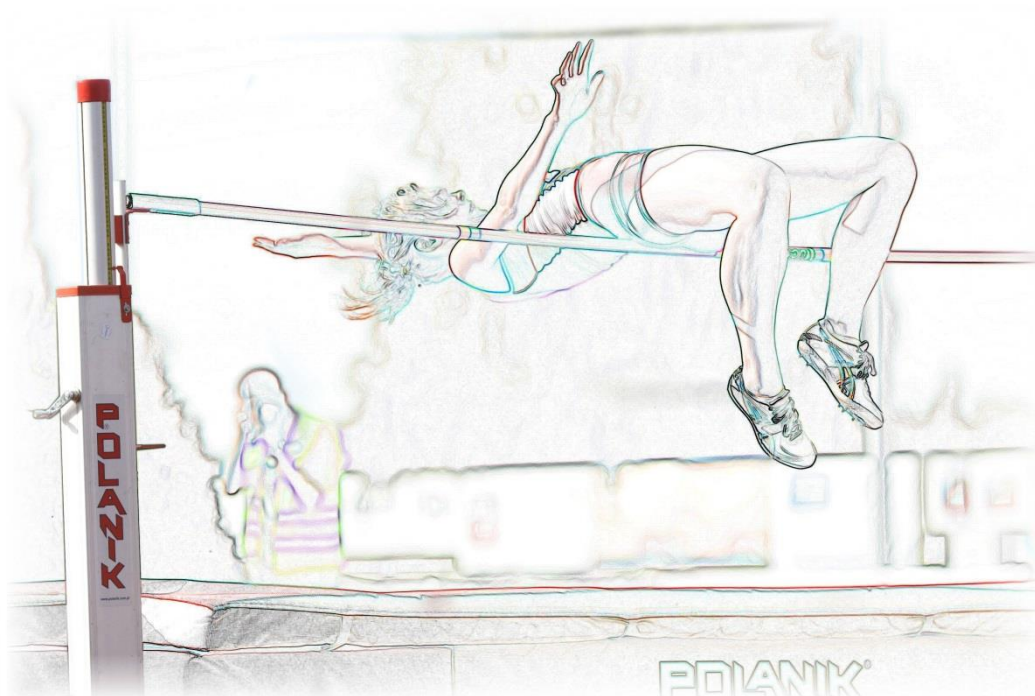


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I. General description and use

STW-02 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



original telescopic construction



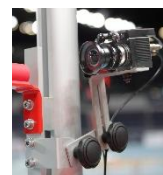
2 crossbar brackets



advanced height adjustment mechanism



wheels for rolling



special bracket for installing TV camera*

*not included

II. Technical specification

Code	STW-02
Type	super competition, certified, telescopic
Sale unit	set (2 stands, left and right)
Crossbar support	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
Bracket for TV camera**	anodized aluminium, mounted on crossbar support runner, adjustable
Pillar	special aluminium profile, anodized, telescopic
Base	galvanized steel, powder painted, equipped with wheels for rolling
Height adjustment mechanism	advanced, self -blocking mechanism of lifting and lowering crossbar support by means of crank, ensures comfortable operating and precise height adjustment
Height range [cm]*	115 – 265
Max. stand height [cm]	288,5
Min. stand height [cm]	183
Base width [cm]	56
Base length [cm]	70
Base height [cm]	6
Set net weight [kg]	52

*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

**camera is not included in the set







III. Packing and transport

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

	contents	2 pillars	2 bases	
Boxes' dimensions [m]	length L	1,85	0,74	total
	width B	0,32	0,59	
	height H	0,20	0,085	
Volume [m ³]		0,12	0,04	0,16
Gross weight [kg]		34	19,60	53,60



IV. Assembly

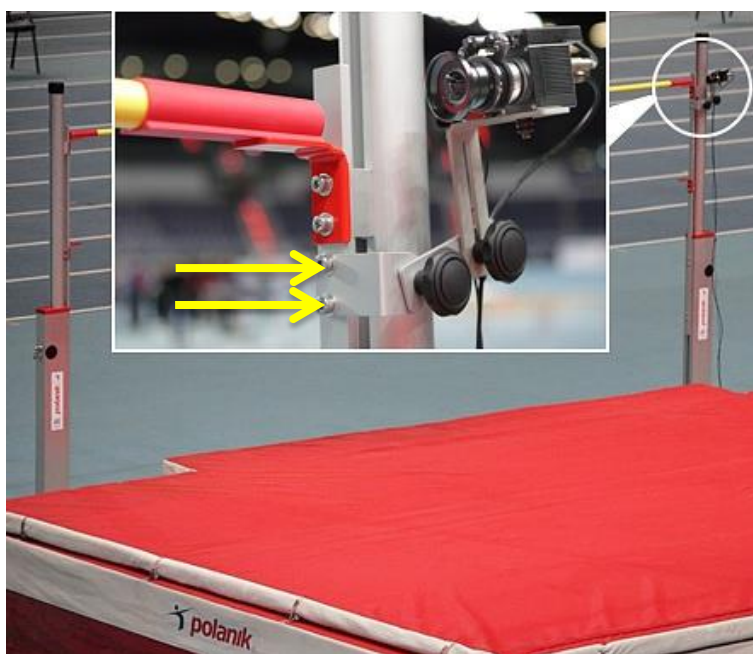
1	Unpack the boxes.	
2	Each pillar and base is marked with two labels. One is a serial no. of the set and the other one says which pillar it is: RIGHT or LEFT.	 
3	Screw the bases to the pillars. The set comes with the screws and the hex key.	
4	The base and the pillar which are to be screwed together must have the same labels, both the serial number and the side.	
5	The stands are ready for use.	

V. Special bracket for installing TV camera

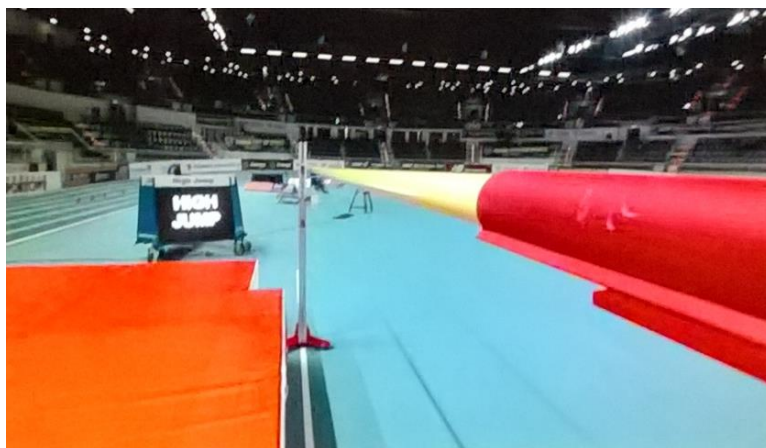
If a TV camera or a sports camera (cameras are not included in the set) is to be installed on the stands for broadcast of athletics competition high jump events, the special bracket which is included in the set should be mounted on right or left stand.



The bracket is installed on the crossbar support runner with two screws (included) marked yellow in the below image.



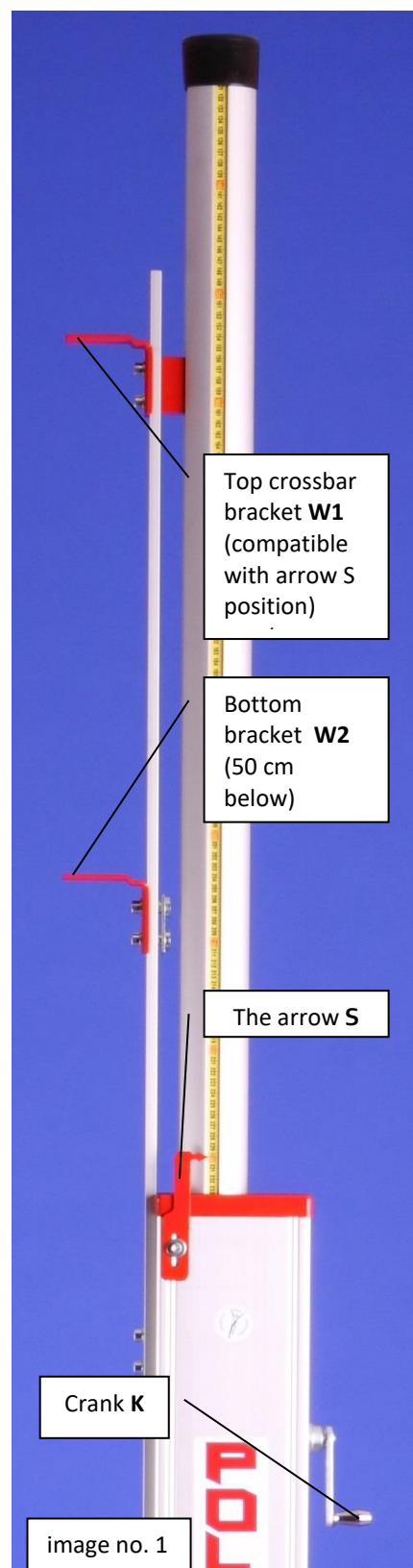
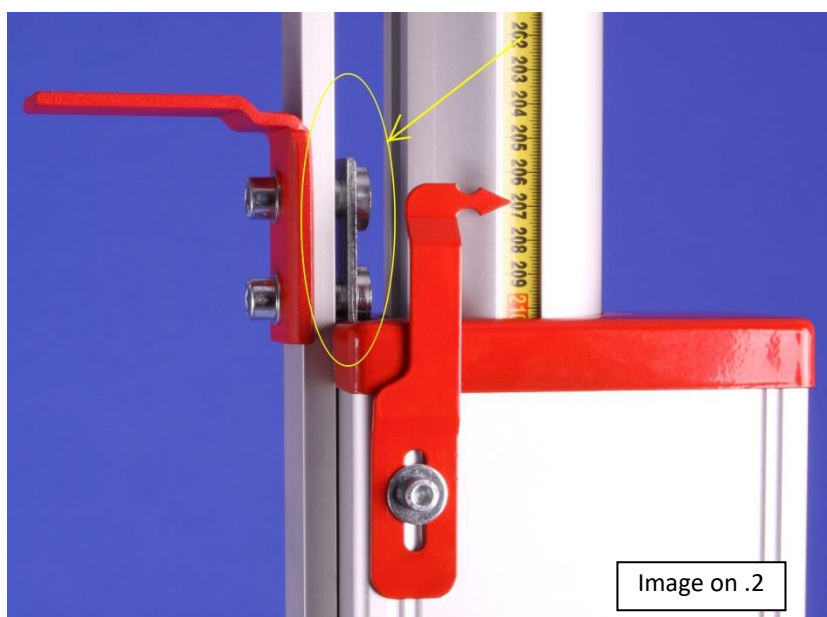
A sample view from a TV camera mounted on the high jump stand with the bracket is presented below.



VI. Operation and maintenance

Use the crank **K** (image no. 1) to adjust the height: turn it right to increase the height and turn it left to decrease the height. The actual height is indicated by the arrow **S** (image no. 1), 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 winding the crank for longer time. 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 (see image no. 2) should be cleaned and grease with a spray lubricant.



VII. Product image



STW-02 © 2017 Polanik

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

VIII. IAAF certificate

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, Super Competition
Description, Colour / Absolute Thickness:	Aluminium telescopic, Silver
Company Name, Country:	Polanik Sp. z o. o. - Sp. K., POL
Catalogue Number:	STW-02
IAAF Certification Number:	E-99-0158

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 October 2015
Until the last day of:	October 2019

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

