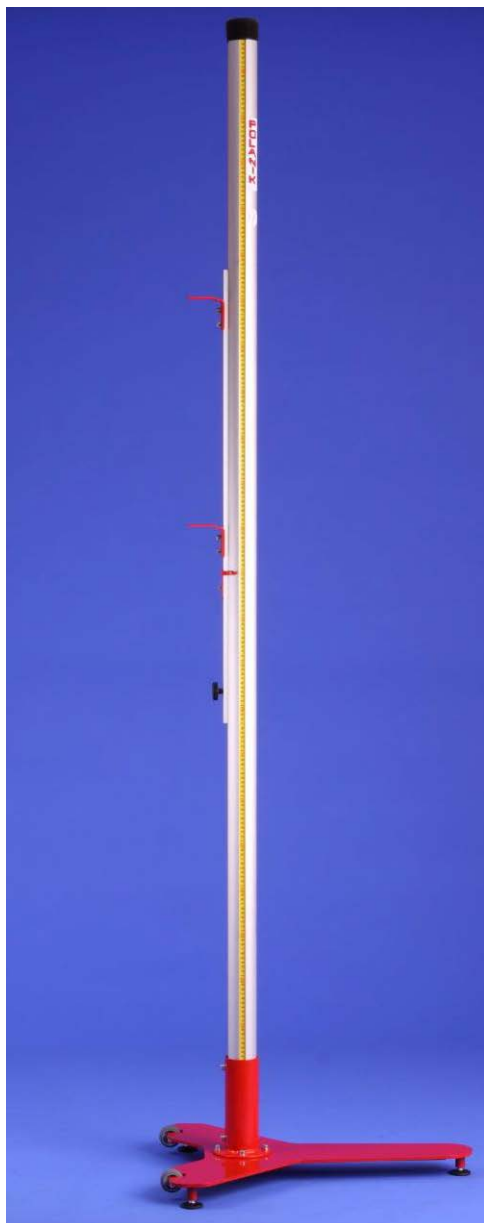


## Technical specification Assembly manual

### Competition high jump stand **STW-01**



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### 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



WA certificate



special  
aluminium  
profiles



measuring tape in  
profile



2 crossbar  
brackets



fast and reliable  
height adjustment  
mechanism



wheels for rolling

## II. Technical specification

<b>Code</b>	STW-01
<b>Type</b>	competition, certified
<b>Crossbar brackets</b>	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
<b>Pillar</b>	special aluminium profile, anodized
<b>Base</b>	galvanized steel, powder painted, equipped with wheels for rolling
<b>Height adjustment mechanism</b>	fast and reliable mechanism of lifting and lowering crossbar support by means of handwheel, ensures precise height adjustment
<b>Height range [cm]</b>	75 – 250
<b>Set net weight [kg]</b>	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):

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



#### IV. Assembly

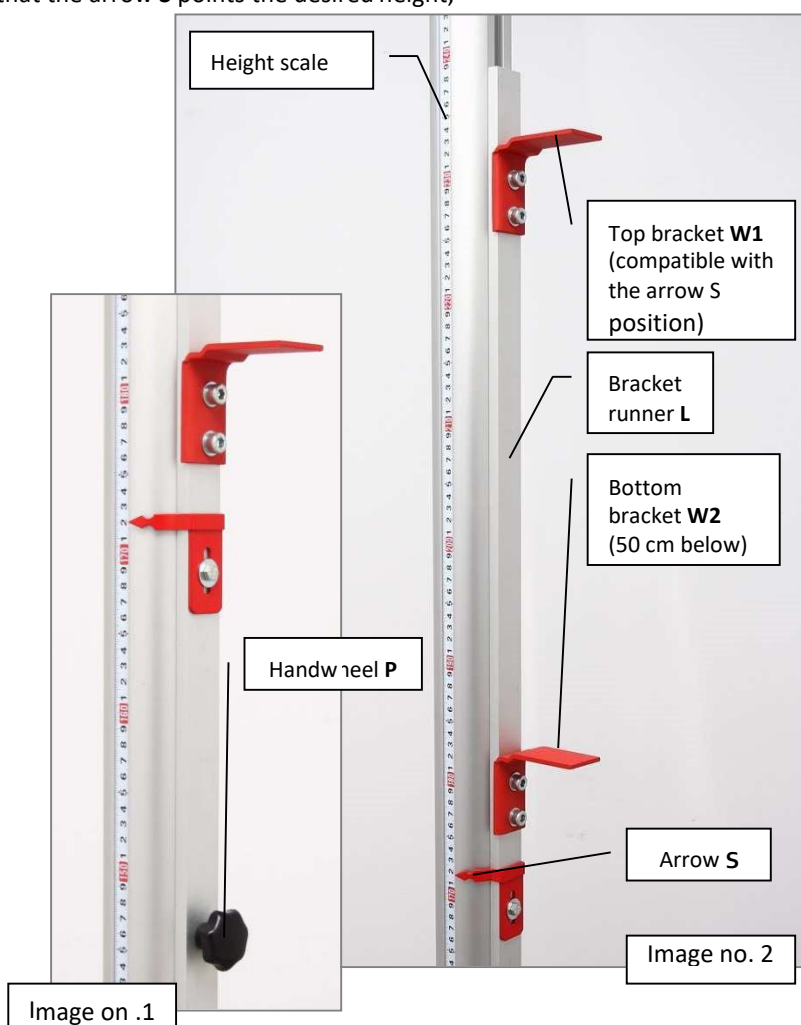
The set of two high jump stands is delivered in parts: pillars and bases separately. The bases are to be screwed to the pillars. The screws and a hex key come with the set. All the components are marked: left and right base, left and right pillar. It is assumed that the right stand is the stand located 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 greased with a spray lubricant.

## VI. Product images



STW-01 © 2020 Polanik

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

## VII. Certificate WA



# PRODUCT CERTIFICATE

World Athletics is pleased to certify that the following product meets all the technical requirements of the World Athletics Rules for the relevant competitions.

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.**

Catalogue Number:

**STW-01**

Certification Number:

**E-08-0519**

Test Report by and on:

-

Note:

-

Date of Issue:

**1 May 2020**

Date of Expiry:

**May 2024**

Issued in accordance with the terms and conditions of the World Athletics Certification System



Jon Ridgeon  
World Athletics CEO

