

**TECHNICAL SPECIFICATION**  
**Safety cage for discus throwing**  
**KLD17-5/7-A**



The cage installed on the movable bases available separately.

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PRODUCT SUPPORT  
Paweł Ciechanowski  
[p.ciechanowski@polanik.com](mailto:p.ciechanowski@polanik.com)

## I. General description and use

POLANIK cage type KLD17-5/7-A is a modern construction made of high quality materials. The product should be installed on a throwing field on the athletics stadium's area. Main characteristic features of the cage are as follows:

### 1. Innovative construction

The net is hung in such a way that it does not touch the aluminium structure in any point. The cage pillars are not linked with each other by means of inflexible elements, that is why they work independently. Application of anchors (instead of popular sockets) eliminates rusting caused by water penetration in the lower parts of the cage.

### 2. High durability

The cage construction is made of anodized aluminium. All tube ends are protected with plastic caps. They stop water from getting inside the construction and provide good finish. Steel elements are hot galvanized or electro-galvanized. All ratchet mechanism casings are additionally coated with powder paint.

### 3. High quality

The cage conforms to the International Association of Athletics Federations (IAAF) 2020 rules. The cage is equipped with a high quality, certified net. The net is tightened and fastened at the cage bottom by means of steel cable and hooks, without traditional bags filled with sand.

### 4. Easy operating:

The cage can be assembled and disassembled without using a crane or an extension arm. The pillars are fastened to anchors embedded in concrete. Each pillar is equipped with the self-blocking mechanism of lifting and lowering the net by means of crank.

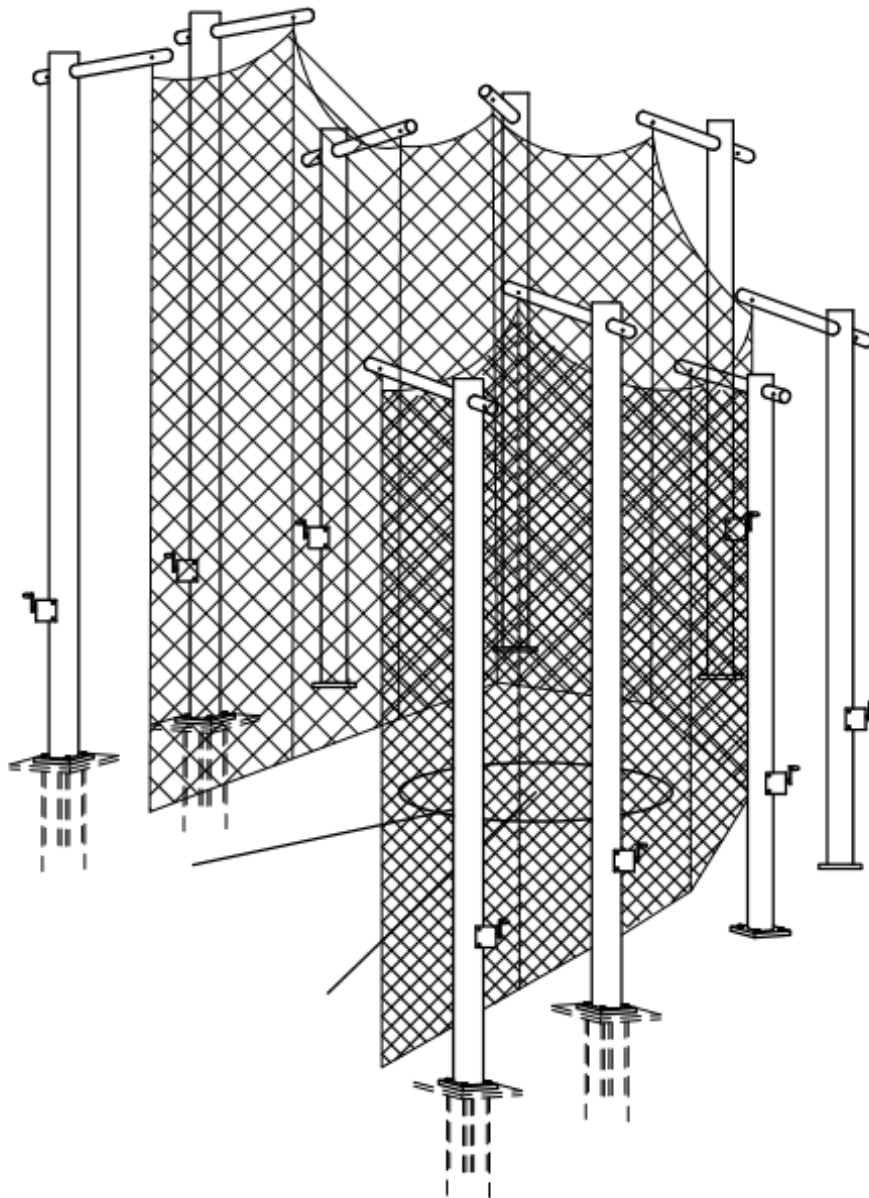
### 5. Additional equipment available separately

**OS16 – 0510** cage pillar extension arm steel shield

**K1-0551** – portable cage base set with accessories, makes it possible to set up Polanik discus cage on any even surface only for competitions, steel galvanized portable bases, steel powder painted horizontal connectors

## II. Technical specification

Code – whole set (net + construction)	<b>KLD17-5/7-A</b>
Code – ground anchors set for KLD17-5/7-A	<b>K1-0237</b>
Type	competition, certified, „U”-shaped
Main construction	aluminium pillars (9 pcs.), anodized, screwed to special flat anchors
Safety net	certified, breaking resistance above 300 kg, mesh dimensions 44x44 [mm]
Front cage net height [m]	7
Rear cage net height [m]	5



### **III. Operation and maintenance**

As the producer we have done our best to make the cage guarantee maximum safety level, be easily operated and reliable in use. However the cage like any other pieces of sports equipment requires periodical inspections and must be used according to the instruction manual, the IAAF rules and operated by authorized personnel.

### **IV. Packing and transport**

Set of anchors is packed in foil and put on the pallet. The safety net is delivered in steel container which is ideal not only for transport, but also for storing. The movable panels' cars are delivered on the pallet. The aluminium pillars are packed in foil and transported loosely.

KLD17-5/7-A © 2017 Polanik

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



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