

TECHNICAL SPECIFICATION
Safety cage for discus and hammer throwing
KLM-7/10-A



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I. General description and use

POLANIK cage type KLM-7/10-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

Net is hung in such a way that it does not touch the aluminium structure in any point. That is attained by means of the one-pillar mobile door construction. It is a unique solution protected by patent, which cannot be spotted in other constructions. 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 aluminium which is anodized in silver colour. 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 quality standards confirmed by the certificate of International Association of Athletics Federations (IAAF). The cage is equipped with high quality, certified net. The net is tightened and fastened at the cage bottom by means of steel cable and hooks. That lets us eliminate traditional bags filled with sand.

4. Easy operating:

Cage can be assembled and disassembled without using a crane or an extension arm. Assembly (or disassembly) using POLANIK cage gate lift CGL-3 takes approximately 4÷5 hours done by 3÷4 people. When the lift CGL-3 is not used 6÷8 people are required to install the cage gate. Pillars are fastened to anchors embedded in concrete. That system of pillar installation enables you to dismount the cage and cover the anchor foundations with synthetic surface in order to use the ground for other purposes. Each pillar is equipped with the self-blocking mechanism of lifting and lowering the net by means of crank. Each gate door moves on two widely spread rubber wheels what makes the gate very stable. We deliver the cage to a customer in partially assembled units. The assembly is conducted according to the instruction manual and enclosed film.

5. Additional equipment

OS296 – cage pillar shield dia. 150 mm

OS290 – cage pillar shield dia. 120 mm

OM-1 – soft pad

ZO-1 – complete set of cage pillar shields and soft pads for gate pillars and extreme pillars

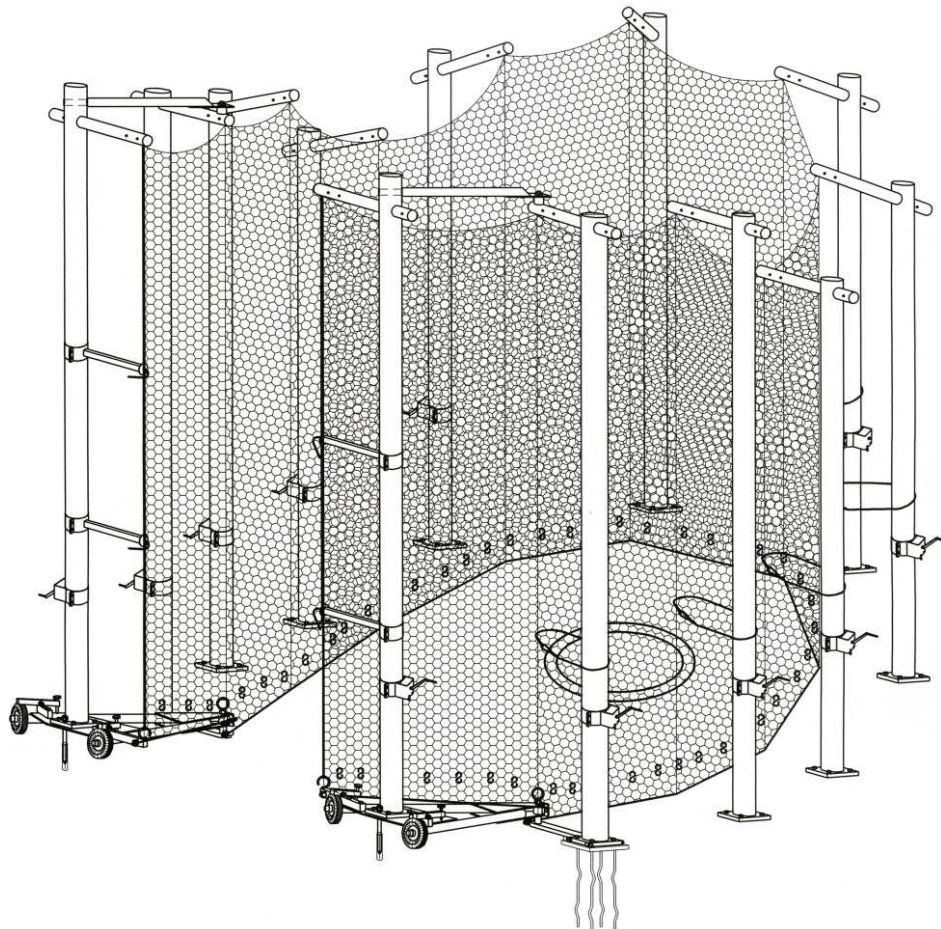
CGL-3 – cage gate lift

K6-0026 – portable cage base set with accessories, makes it possible to set up Polanik hammer and discus cage on any even surface for competitions, steel galvanized portable bases, steel powder painted horizontal connectors



II. Technical specification

Code – whole set (net + construction)	KLM-7/10-A
Code – ground anchors set for KLM-7/10-A	K1-0026
Type	competition, certificated, „U”-shaped
Throwing circles’ position	concentric
Main construction	aluminium pillars (10 pcs.), anodized, screwed to the special flat anchors
Safety net	certified, tear resistance above 300 kg, hole’s dimensions 44x44 [mm]
Cage’s gate	aluminium pillars (2 pcs.) on a gate cars, equipped with two safety brakes and blocking axles
Cage’s gate width (measured in 7 m distance from the centre of throwing circle) [m]	6
Height of net [m] - back segments	7
Height of net [m] - flexile panels and front panels	10
Weight of [kg] net and construction	965
Weight [kg] of anchors’ set	150



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.

V. WA certificate
E-00-0264



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:

Throwing Cage - Discus & Hammer

Description, Colour/Absolute Thickness:

Aluminium, concentric circles

Company Name, Country:

Polanik Sp. z o. o. - Sp. K. POL

Catalogue Number:

KLM-7/10-A

Certification Number:

E-00-0264

Test Report by and on:

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Note:

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Date of Issue:

1 July 2020

Date of Expiry:

July 2024

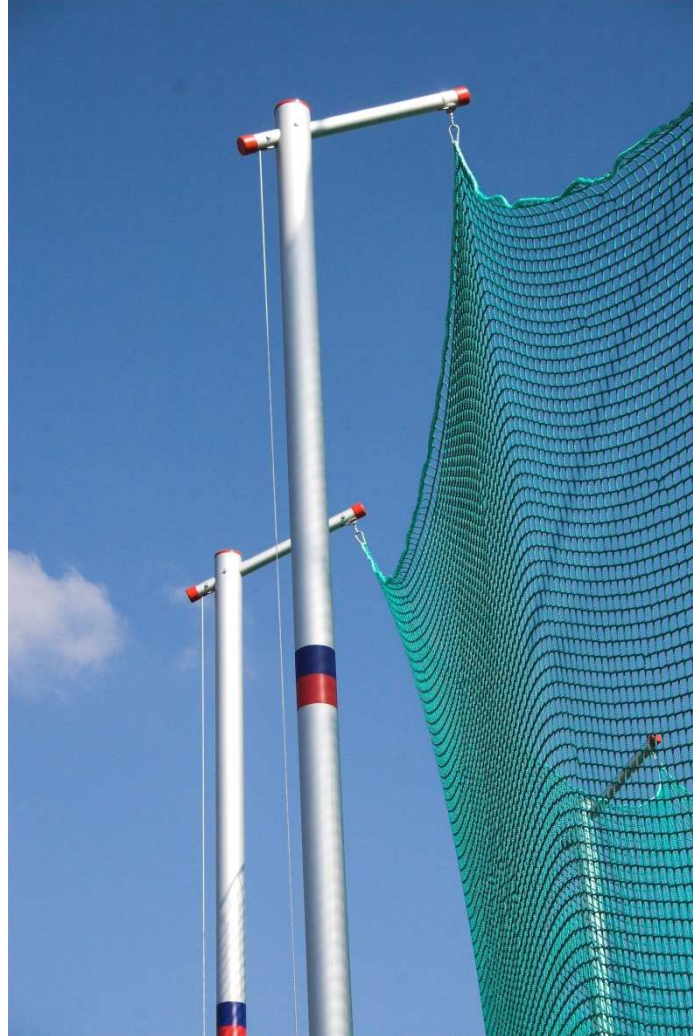
Issued in accordance with the terms and conditions of the World Athletics Certification System

A handwritten signature in black ink, appearing to read "Jon Ridgeon".

Jon Ridgeon
World Athletics CEO



VI. Product's images





KLM-7/10-A © 2020 Polanik

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