

MONORAIL PULLING CRAB TK 5.1-800

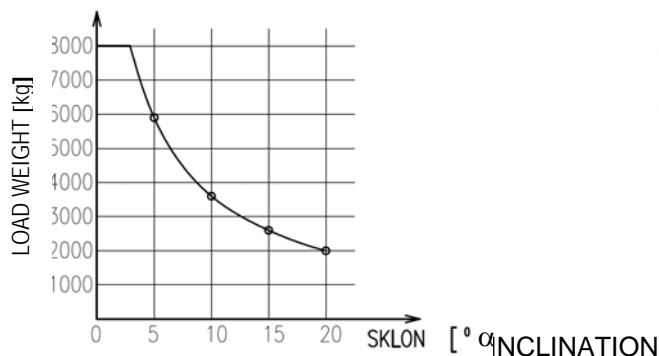
Use and description:

Monorail pulling crab (hereinafter only pulling crab) is a tractive equipment with pneumatic drive used for handling the loads hanged on carrying trolleys of the monorail transport system with I 155 profile (e.g. ZD 24). It is used especially for auxiliary handling operations e.g. during driving the mine openings etc. The travel is induced through driving discs forced to both sides of the I 155 profile web.

Then pulling crab moves on four wheels. Two wheel couples are driven with pneumatic motors through screw gearboxes and pushed with springs to the I 155 profile web. It is manufactured in two variants regarding the travel control system. Hand control through control draw rod or through pendant button box and control hoses.

The pulling crab is possible to operate together with a handling equipment type MZP (e.g. assembly PMZP, product of the KOEXPRO OSTRAVA, a.s. company) consisting of chain pulley blocks with pneumatic drive hanged on the carrying trolleys and connected with the pulling crab and each other with bars). In inclined entries it is necessary to safeguard the transport set with braking trolley of approved type.

**MAX. WEIGHT OF TRANSPORTED LOAD
LOAD WEIGHT (kg) VERSUS WAY INCLINATION**



TK 5.1-800

Characteristics:

Type		TK 5.1-800
Max. pulling force	N	8 000
Max. travelling speed – horizontal way	m.min ⁻¹	24
Working medium pressure	MPa	0.4 – 0.6
Max. air consumption	m ³ .min ⁻¹	2x3.7
Connecting hose ID	mm	32
Hose connection	"	1
Max. inclination during transport	°	20
Dimensions (h x w x l)	mm	800x798x800
Weight with remote control	kg	348.0
Standard length of button controller hose	m	2

Type marking: **TK 5.1-800**
 TK PULLING CRAB
 5.1 type
 800 max. pulling force 8000 N

The product has been designed and constructed as the equipment group I (mine), category M2 according to the Directive 94/9/EC of the European Parliament and of the Council and meets the requirements for using in areas "dangerous atmospheric conditions 2" according to EN 1127-2+A1 on condition that all national regulations of the employer are fulfilled.

U Cementárny 1303/16
 703 00 Ostrava – Vítkovice, Czech Republic
[http:// www.koexpro.cz](http://www.koexpro.cz); www.koexpro.eu

phone: +420 595 782 251, +420 595 782 250
 fax: +420 596 633 923, +420 595 782 249
 e-mail: koexpro@koexpro.cz