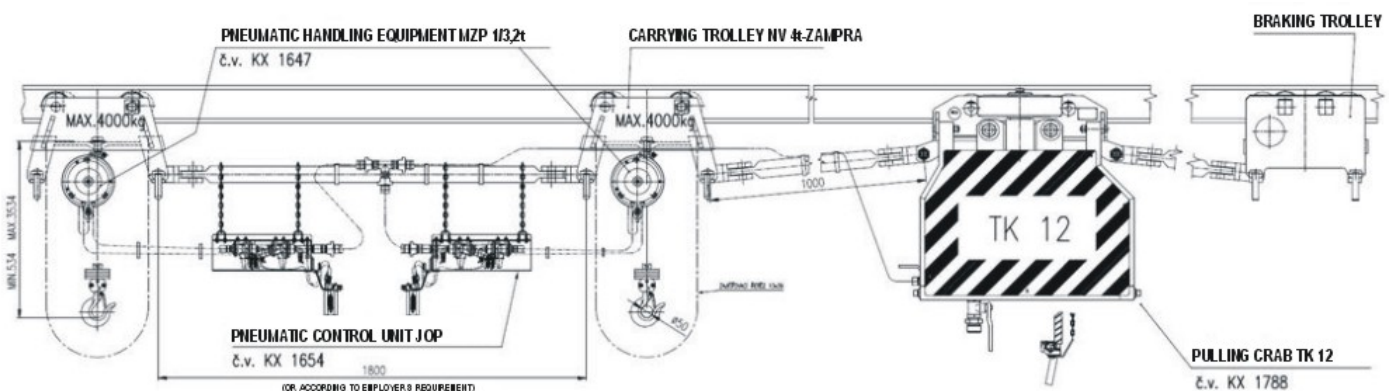


TRAVELLING PNEUMATIC HANDLING EQUIPMENT PMZP 2x3,2t, PMZP 2x4t

Use and description:

Travelling pneumatic handling equipment type **PMZP** (hereinafter only travelling equipment) is used for handling the loads (lifting and travel) on the monorail transport system with profile- I 155 on workplaces where the suitable pulling equipment with a pressure air source is available. The travelling equipment consists of 2 pcs handling equipment MZP 1/3,2 t or MZP 2/4t and of monorail transport system type components (connecting rods, carrying trolleys etc.) and 2 pcs pneumatic control box type JOP. Control boxes type JOP are hanged on the connecting rod between carrying trolleys.

The travelling equipment is possible to operate as a single or in set of other transport equipment connected with connecting rods. During transport in inclined mine openings the equipment must be secured using the braking trolley of approved type. The monorail pneumatic crab **TK 5.1-800** or **TK 12** is the pulling equipment for the travelling equipment (products of the KOEXPRO OSTRAVA, a.s. company).



EXAMPLE OF PMZP 2x3,2t

Characteristics:

Type PMZP		PMZP 2x3,2t	PMZP 2x4t
Loading capacity	t	2x3,2	2x4
Nominal lift	m	3	3
Number of loading strands on one MZP		1	2
MZP min. lifting speed	m.min ⁻¹	1	0.90
Load chain – strength class 8 (DIN 5684)	mm	11x31	11x31
Installed input	kW	2x1.80	2x1.80
Working medium pressure	MPa	0.4 ÷ 0.6	0.4 ÷ 0.6
Air consumption at idle operation	m ³ .min ⁻¹	2x3.7	2x3.7
Hose ID for feeding MZP	mm	DN 16	DN 16
Max. inclination	°	± 20°	± 20°

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