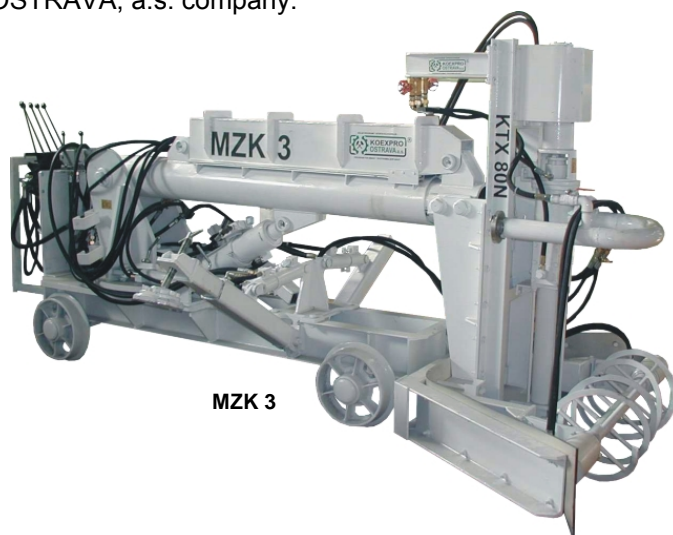


RAIL MOUNTED HANDLING EQUIPMENT MZK 3

Use and description:

Rail mounted handling equipment **MZK 3** (hereinafter only handling equipment) is an aggregated, hydraulically operating equipment mounted on a truck and representing complex solution of handling and pumping coal sludge in sump crosscuts.

The handling equipment consists of an undercarriage with own drive, on which the technology equipment is mounted, e.g. especially pump set – type KTX 80 N or KTX 125 N, sludge agitator type ČH 1, handling unit driven with hydraulic rectilinear motors and a source of pressure liquid - hydraulic aggregate type HAK 100/125, all products of the KOEXPRO OSTRAVA, a.s. company.



Characteristics:

Type		MZK 3
Max. transport capacity – for KTX 80N (pumping time)	m ³ .h ⁻¹	12
Max. output pressure of mixture	MPa	1.2
Max. grain dimension in mixture	mm	5
Drive of handling equipment - hydraulic aggregate	type	HAK 100/125
Output of hydr. aggregate drive	kW	30
Max. flow rate fed by hydr. aggregate	dm ³ .min ⁻¹	100
Pressure medium	hydraulic liquid having a viscosity of 46 mm ² .s ⁻¹ at 40°C	
Max. pressure of hydr. oil	MPa	16
Output of KTX 80N driving hydromotor	kW	7
Output of ČH1 agitator driving hydromotor	kW	2x3.5
Output of travel unit	kW	2.5
Dimensions (w x h x l)	mm	1 780x1 815x7 860
Weight (without hydraulic and oil)	kg	4 394.0

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.