

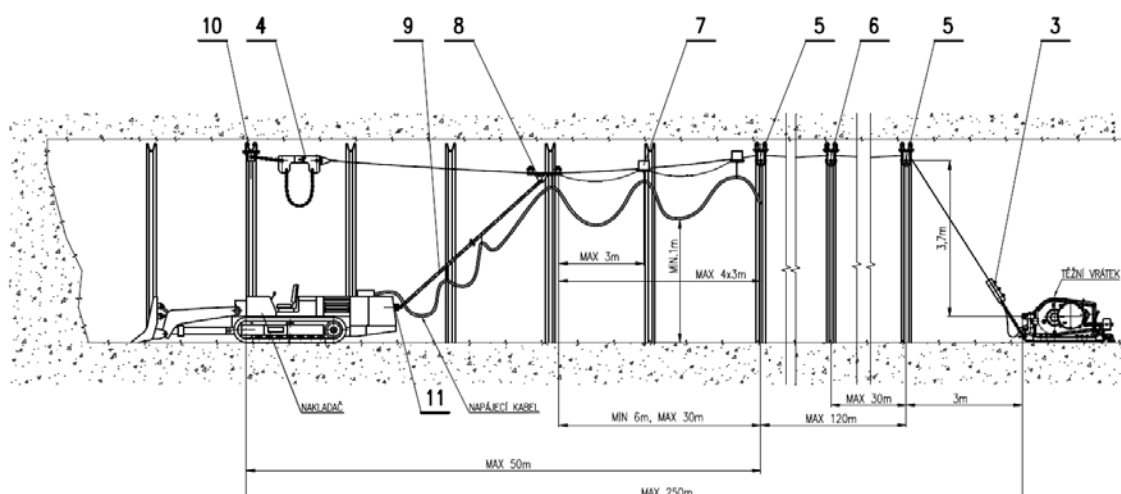
EQUIPMENT FOR GUIDING THE LOADER ZVKN 1 FEEDING ELECTRICAL CABLE

Use and description:

Equipment for guiding the loader feeding electrical cable **ZVKN 1** (hereinafter only equipment) is used for mechanically bound shifting of electrical cable feeding the loader or other similar movable machine with electrical drive following their movement, e.g. during driving the openings underground of coal mines.

The equipment eliminates the necessity to watch permanently the position of the cable to prevent its damage by the machine and so the safety of work is ensured, the number of persons engaged in machine operation is reduced, the standing time is reduced and the cable life expectancy is prolonged. The equipment has been designed and constructed as a "cable towing", on the carrying wire rope of which the pulleys are moving and these carry the cable slings.

The equipment consists of following main parts: towing winch with carrying wire rope (it is not part of delivery), anchor of the lop (3), safety loop (4), guiding pulley (5), relieving pulley (6), cable trolley (7), balance hanger (8), pulling rod complete (9), end hanger (10) a pulling rod hanger (11).



Characteristics:

Type		ZVKN 1
Towing winch max. force	kN	10
Max. pulling force in carrying wire rope	kN	11
Carrying wire rope diameter	mm	12.5/14
Max. distance between end hanger and towing winch for wire rope \varnothing 12.5 mm (for VTA 1000 winch)	m	250
Cable towing length	m	min. 6/max. 30
Profile of the driven openings TH- mine arch support profile		min. K12/max. K16
Weight of complete delivery	kg	202.0

Type marking:

ZVKN 1
EQUIPMENT FOR GUIDING THE ELEC. CABLE OF THE LOADER
1 type number

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.

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