



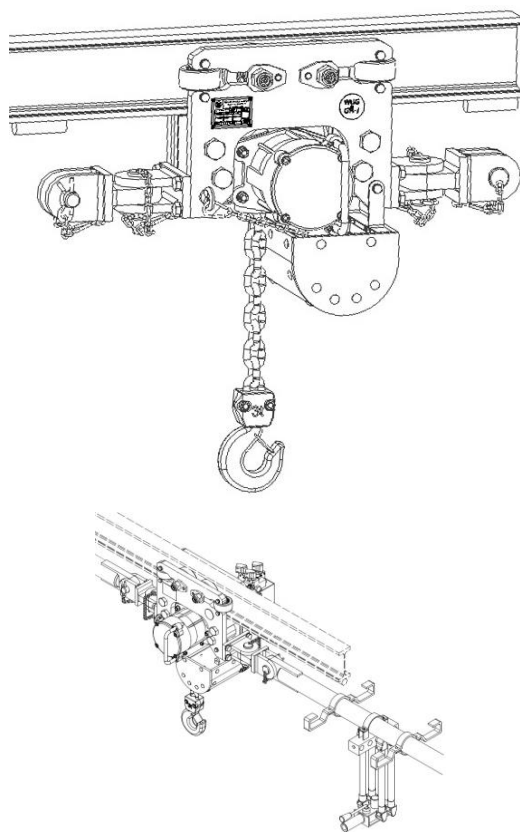
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Mobile Hydraulic Hoist HWP-3

The HWP-3 Mobile Hydraulic Hoist is designed to be used to hoist, transport and lower loads with a maximum weight of 3 tonnes using transportation units in suspension rail systems in underground mine workings. The mobile hoist can be powered with hydraulic oil from separate supply units or from built-in supply units in pull-push machines.



The design and materials used to make the mobile hoist allow it to be operated in non-methane and methane areas in workings classified as "a", "b" or "c" methane explosion hazard zones and in workings classified as class "A" or "B" coal dust explosion hazard zones. The HWP-3 Mobile Hoist is classified as Group 1 Category M2 equipment according to the Decree of the Minister of Economy of 22 December 2005 on essential requirements for protective systems and equipment intended for use in potentially explosive atmospheres (Dz. U. /Journal of Laws/ No. 263 of 2005, pos. 2203) and also meets the requirements of the Decree of the Minister of Economy of 21 October 2008 on essential requirements for machinery (Dz. U. /Journal of Laws/ No. 199 of 2008, pos. 1228).

TYPE	Unit	HWP-3
Marking	-	CE I M2
Maximum hoisting capacity	kN	30
Maximum pull-push force	kN	80
Hoisting speed	m/min	2,3
Hoist motor power	kW	1,8
Track rail profile	-	I 155 or I 140 E
Maximum track inclination	-	±30°
“Dead” height of hoist*	mm	360
Maximum hoisting height	mm	5500
Power supply medium	-	L-HL32 or L-HL46 hydraulic oil
Hydraulic oil flow rate	dm ³ /min	20
Maximum supply pressure	MPa	25
Hydraulic oil working pressure	MPa	10
Overall height (excluding basket)	mm	330
Overall width	mm	660
Weight (excluding hydraulic unit)	kg	180

* distance from bottom of track to bottom of hook throat

The HWP-3 Mobile Hydraulic Hoist is approved by the Polish State Mining Inspection (WUG) for use in underground mining operations.