



Self-Propelled Pneumatic Hoist PWS-3



TYPE	Unit	PWS-3
Marking	-	CE I M2
Maximum hoisting capacity	kN	30
Hoisting speed	m/min	2
Travel speed	m/min	24
Motor power	kW	2 x 1,28
Travel drive	-	friction
Track rail profile	-	I 155 or I 140 E
Maximum hoisting height	mm	5450 (standard) or 11450
Power medium	-	Compressed air
Compressed air demand	m ³ /min	2,1
Maximum supply pressure	MPa	0,4
Overall height	mm	1050
Overall width	mm	680
Total weight	kg	198 (standard) or 221

The **PWS-3** Self-Propelled Pneumatic Hoist is designed to hoist, transport and lower loads with a maximum weight of 3 tonnes. The self-propelled hoist can be powered with compressed air from separate compressors or directly from a compressed air network.

The design and materials used to make the self-propelled 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 PWS-3 Self-Propelled Hoist is classified as Group I Category M2 equipment according to the Polish Regulation of the Minister of Development dated 6 June 2016 and concerning the requirements for equipment and protective systems intended for operation in zones of explosion hazard, implementing Directive ATEX 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).

