



**Fabryka Maszyn i Urządzeń „OMAG” Sp. z o.o.**  
Brzezinka ul. Górnicza 8 32-610 Oświęcim Polska

Telephone: +48 33 843 00 81  
Fax: +48 33 843 15 14

Website: [www.omag.pl](http://www.omag.pl)  
Email: [omag@omag.pl](mailto:omag@omag.pl)

## Self-Propelled Pneumatic Hoist **PWS-3**

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 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	PWS-3
Marking	-	CE I M2 X
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 <sup>3</sup> /min	2,1
Maximum supply pressure	MPa	0,4
Overall height	mm	1050
Overall width	mm	680
Total weight	kg	198 (standard) or 221