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## Self-Propelled Mining Assembly Machine **KUM-6**

The KUM-6 Self-Propelled Mining Assembly Machine is designed to be used to hoist, transport and lower loads with a maximum weight of 6 tonnes (2 x 3 tonnes). The assembly machine can be powered with compressed air from separate compressors or directly from a compressed air network.



The design and materials used to make the assembly machine 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 KUM-6 Assembly Machine 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	KUM-6
Marking	-	CE I M2 X
Maximum hoisting capacity	kN	60 (2x30)
Hoisting speed	m/min	2
Travel speed	m/min	3
Travel drive	-	gear drive
Motor power	kW	3 x 1,28
Track rail profile	-	Track as per drawing N92.009-01 manufactured by FMiU „OMAG” Sp. z o.o.
Track length	m	16 (standard) or other customized versions on special order from 8 to 32
Minimum size of arch timber set	-	ŁP-8
Size of arch timber set section	-	V21 – V36
Maximum roof inclination of workings	-	4°
Maximum hoisting height	mm	5500
Power medium	-	Compressed air
Compressed air demand	m <sup>3</sup> /min	4,2
Maximum supply pressure	MPa	0,4
Overall height	mm	1155
Overall width	mm	554
Total weight	kg	1880 (standard)
Weight excluding track	kg	500