DATA SHEET

KOBOT 912, 925, 1225 og 1230

Mobile cutting robot designed for precision cutting in a wide range of materials, including gypsum, fiber gypsum, wood boards, facade boards, acoustic panels, and more. The robot is transported in cases, ensuring easy mobility. The robot is controlled with the KOBOTS app, making panel cutting hands-free.







Technical specifications

КОВОТ	SI	912	925	1225	1230
Maximum cutting height	m	0,9	0,9	1,25	1,25
Maximum cutting width	m	1,2	2,5	2,5	3,05
Maximum board size	m	0,9 x 1,2	0,9 x 2,5	1,25 x 2,5	1,25 x 3,05
Maximum cutting depth	mm	25			
Cutting precision	mm	± 1			
Weight without transport boxes	kg	106	141	142	147
Weight with transport boxes	kg	168	225	230	240
External dimensions when fully assembled	mm (hxbxd)	1903 x 1895 x 1041	1903 x 3152 x 1041	2040 x 3152 x 1115	2040 x 3703 x 1115
Power requirements		230V/50Hz, 1 fase			
Maximum power consumption (including vacuum cleaner)	W	3500 (Vakuum cleaner = 1500)			
Saw blade outer diameter	mm	125			
Saw blade hole diameter	mm	22,23			
Maximum blade speed	omdr.	12.000			
Feed rate	m/min	Min. 0,5 Max. 12m/min			
Service interval	m	8.000			
Tool-free setup		Ja			
Wi-Fi connection to user interface		Ja			
GSM connection for remote support		Ja			
User interface		Android 5.0 or newer (phone included)			



Lydniveau

KOBOT 1225					
Declared noise emission values in accordance with ISO 4871:1996	Operation				
A-weighted sound power level L _{WA} , in dB	101,6				
Uncertainty, K _{WA} in dB	4				
A-weighted sound pressure level L _{pA} , in dB at operator position	86,2				
Uncertainty, K _{WA} in dB	4				
The measurement was performed in accordance with ISO 19085-1:2021, Annex F, for:					
Sound power ISO 3746:2010 with measurement accuracy grade 3					
Sound pressure: ISO 11202:2010 with measurement accuracy grade 3					
Note: Measurement of sound power and sound pressure with measurement accuracy grade 3 is chosen because the machine has a highly variable environment, therefore a measurement with resulting higher uncertainty is considered adequate and the resulting higher uncertainty contributes to the environmental considerations.					
Operating conditions during measurements: Machine: KOBOT 1225, Material: Fermacell 12.5mm, Blade: Ø125mm 8T, Feedrate: 5 m/min.					
If the stated emission values are to be verified, the measurements must be carried out using the same method and the same operating and installation conditions as those stated.					
WARNING: The specified noise emission values are only valid if the same operating and installation conditions are used. Other operating and installation conditions, such as a different work process, can lead to higher noise emission with the risk of underestimation.					
WARNING: The stated noise emission values are not exposure levels. Although there is a correlation between emission and exposure levels, noise emission values cannot be used to reliably determine whether additional precautions are necessary. Factors that affect the actual level of exposure include the actual work process, characteristics of the work- space and other adjacent sources of noise in operation.					



Materials

The robot can cut through any material typically cut with a toothed blade. The following is the standard materials list in the KOBOTS app:

Material type	Feed rate [m/min]	Thickness [mm]	Board size [mm]	
Standard gypsum	8	10	600 x 2500	
		12.5	900 x 2400	
		12.5	900 x 2500	
Fire-resistant gypsum	4	15	900 x 1800	
			1200 x 2400	
Cembrit Eternit	2	10	1193 x 2500	
Fermacell Fiber Gypsum	5	12.5	900 x 1200	
			600 x 2400	
		15	900 x 1200	
			600 x 2400	
			900 x 2500	
Floor gypsum	3	25	600 x 1200	
Chip board	4	22	610 x 2440	
Plywood	6	12	610 x 2440	
	6	15		
	5	18		
	5	21		
Powerpanel H2O	4	12	900 x 1200	
System ceiling	6	22	600 x 600	
			600 x 1200	
Troldtekt	6	25	600 x 1200	
			600 x 2400	
Wind plaster	6	10	900 x 2500	
Wetroom plaster	6	12.5	900 x 2400	
			900 x 2500	
Wetroom board	6	12	600 x 2500	
		20	600 x 2500	



Transport boxes to 912 [mm]





KOBOT 925 [mm]



Transportkasser til 925 [mm]







KOBOT 1225 [mm]



Transportkasser til 1225 [mm]





KOBOT 1230 [mm]



Transportkasser til 1230 [mm]



