

CenoBots

AI-Powered Scrubber-dryer Robot



CenoBots L50

Specifications

DIMENSIONS	
Length	40.6 in 1030 mm
Width (w/o squeegee)	22.8 in 580 mm
Height	41.1 in 1045 mm
Weight	485 lbs 220 kg
Cleaning Width	20 in 510 mm
Squeegee Width	33.1 in/770 mm 30.3 in 840 mm(Optional)
CLEANING	
Max. Theoretical Productivity	23713 ft²/hr 2203 m²/hr
Brush Pressure	55.1 lbs 25 kg
Disk Brush Speed	220 RPM
Clean Water Tank Capacity	14.5 gal 55 L
Waste Water Tank Capacity	14.5 gal 55 L
MOVEMENT	
Max. Speed	2.68 mph 1.2 m/s
Min. Distance from Wall	2 in 50 mm
Min. Passable Width	37 in/870 mm 35.4 in 940 mm(Optional)
Gradeability	8%
POWER	
Battery Type	Lithium Iron Phosphate
Battery Capacity	120 Ah
Rated Voltage	24 VDC
Charging Time	4 hours
Max. Runtime	6 hours
SENSING	
32-beam 3D LiDAR, 3D Depth Camera, Bumper Sensor, IMU Sensor	
SOUND PRESSURE LEVEL	
At least as 67 dB(A)	
Key components for AI	
Process Chip	
Nvidia AI edge computing chips with up to 32 TOPS AI performance	
Mapping Senor	
3D LiDAR with 150m/492ft detection range	

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