

TASKI® swingobot 2000

Driving productivity forward!

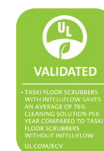
The TASKI swingobot 2000 28 in. (70 cm) auto scrubber is the next generation in TASKI Hands-Free Cleaning®. Representing an evolution in robotic auto scrubbers, this machine improves cleaning consistency and productivity and reduces cleaning costs, allowing for true multi-tasking capabilities.

Features & Benefits

- Sensors provide 360-degree views around the machine allowing the scrubber to operate Hands-Free
- The patented IntelliFlow system saves water and chemical consumption compared to traditional auto scrubbers which helps to improve productivity and sustainability
- No special training is required to operate the machine, just Prep, Point and Go! The icon-based touchscreen prompts users through all functions, regardless of language or skill level.
- Service components are easily accessible and easily identifiable by utilizing TASKI yellow touch points, making maintenance simple and routine
- Intelligent solutions allow the machine to communicate with the operator and generate detailed reports including login time, end of shift and areas cleaned, providing full visibility to the fleet

Applications

- The Hands-Free Cleaning capabilities make this machine ideal in facilities that would benefit from increased productivity, freeing staff to complete other cleaning tasks simultaneously
- Ideal for both large and compact working areas including schools, retail and healthcare facilities





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Description of Features

- **Main Computer** - Autonomous and manual cleaning modes, controlling all aspects of cleaning including water flow, chemistry, head pressure and repeatable high level of cleaning performance
- **Safety Monitoring Computer** - Dual redundant computers monitor all aspects of the machine pertaining to safe operation and immediately halt motion and motor upon detection of any unsafe conditions
- **Safety Sensors** - Two level safety touch shield 360° around the machine; four dual redundant infrared floor sensors; 190° scanning laser and 360° ultrasonic sonar for obstacle detection
- **Navigation Sensors** - Triple range ultrasonic sonar for near, mid and far for tracking the environment; scanning laser to navigate spaces 190+ feet (60 m) wide; angular rate sensor and optical encoders for precision machine location

Technical data			
Theoretical performance	13,563 sq.ft./hr. (1260 sq.m/hr.)	Turning Circle	4.6 ft. (1.4 m)
Practical Performance (low congestion)	11,302 sq.ft./hr. (1050 sq.m/hr.)	Humidity	20-75% relative humidity
Working width	28 in. (70 cm)	Battery run time	Up to 4 hrs.
Brush system	Two 24V VDC	Machine weight Empty	555 lb. (252 kg)
Scrubbing Pressure	0.29N/sq.cm or 93.69 lb. (42.5 kg)	Machine weight incl Batt/Ready to Use	829 lb. (376 kg) / 1038 lb. (471 kg)
Brush speed	150 RPM Direct Drive	Dimensions (L x W x H)	53 x 35 x 50 in. (135 x 90 x 128 cm)
Squeegee width	35 in. (90 cm) self-tracking parabolic squeegee with EZ-lock system for simple maintenance. Plastic non-marking end rollers and quick change, reversible rubber blades	Noise level	< 70 dB(A)
Solution/Recovery tank	24 gal. (90 L)	Approvals/Protection class	IPX3, CE; CB/III; DIN18032

The above data is typical of normal production and should not be taken as a specification.

Product	Product code	
TASKI SWINGOBOT 2000 Kit	D1224301	
TASKI SWINGOBOT 2000 Complete Kit + BX Kit & Mapping	D1226560	
TASKI SWINGOBOT 2000 Battery Exchange Kit	D1224302	

Accessories	Product code	Accessories	Product code
Pad Drivers 14 in. (35 cm)	D8501120	TASKI IntelliPad – 14 in. 2 ea.	D6093754
Soft Nylon Scrub Brush 14 in. (35 cm)	D8501060	TASKI Intellibot Battery Case	D7524344
Hard Nylon Brush 14 in. (35 cm)	D8501080	TASKI Intellibot Battery Exchange Trolley	D7524347
Trojan TE35 - 6V Gel Battery	D1225308	STRIDE HC 2 x 1.5 L	95709131
Elite Pro 1 Battery Charger	D1225567	TASKI Intellibot Mapping	500022325

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