

ICE COBOTICS



AUTONOMOUS SCRUBBER





Meet Cobi 18 Your Cleaning Co-Worker!

ICE Cobotics is bringing you cobots, designed to collaborate with and empower cleaning professionals to get the job done more efficiently. By bringing on cobots, employers can support their staff mentally and physically.

Cobots can assist staff by focusing on the mundane and repetitive work of floor cleaning, while staff are freed to focus on other tasks that require human skills and knowledge.

Cobots help to ease frustration and stress that employees and employers feel related to labor shortages and can help boost employee morale. Adding cobots to a team can enhance cleaning productivity and efficiency, create healthy and welcoming environments, and ultimately deliver a better customer experience, resulting in a thriving business.

INTRODUCING COBOTICS

A World Where People and Robots Collaborate

Safety is Our Top Priority



Cobi 18 uses advanced artificial intelligence (AI) that integrates data through various sensors. This allows it to navigate safely in real living and working environments, and to automatically detect and avoid people and objects on its route.

Your Privacy Assured

Sensor data and cleaning performance data are securely transferred to one of our European clouds. In accordance with the European General Data Protection Regulation (GDPR), all data is securely stored in our cloud infrastructure in Europe.





PROGRAMMING, MAPPING AND NAVIGATION

Simplicity Enabled

With advanced AI and an intuitive user interface, Cobi 18 is incredibly easy to use. Once you have taught Cobi 18 a route, you can run it over and over again with just the push of a button. Cobi 18 is equipped with several programming options to help you increase cleaning productivity, including:

Custom Route – The “Custom Route” mode allows users to learn the route once and Cobi 18 will then run the route exactly the same every time with the push of a button.

Auto-Fill – The “Auto-Fill” mode allows you to specify an outline, then the Cobi 18 automatically fills and scrubs the inside. With Cobi 18, you get more done in less time.

Multiple Route – “Multiple Route” mode allows users to drive multiple routes in a row without restarting Cobi between routes.

Here you can have busy paths in large areas cleaned more frequently and Cobi 18 can be used more efficiently.

Manuele Modus – Cobi 18 can be used in manual mode for any situation requiring immediate cleaning. Just lift the handle, press the start button and push the scrubber over the dirt. Also, you can clean even small areas and have one solution for all tasks.

CLEANING CAPABILITIES

ENHANCE YOUR CLEAN

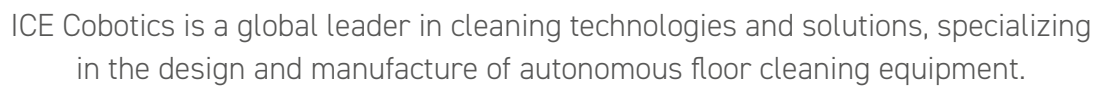
BENEFITS

- "One charge, one fill" for 90 to 120 minutes of scrubbing and vacuuming
- With multiple shifts per day (3), a daily capacity of up to 4,000 m² of floor cleaning
- Higher cleaning frequency
- Consistent cleaning routes
- Demonstrable cleaning results through I-SYNERGY
- Frees up time by taking over repetitive cleaning tasks
- Availability of data through i-SYNERGY to optimize performance over time
- Easy to use thanks to user-friendly technology
- Compact and maneuverable, optimized for smaller spaces and short on edge" cleaning
- Side brushes and a hopper to catch light debris
- Minimal daily maintenance with a tank-in-tank system which can also be carried separately.
- Safety guaranteed by cameras, sensors and alerts for avoiding people and obstacles

TECHNICAL SPECIFICATIONS

Model	EU	Cobi 18
Dimensions LxWxH	cm	48 x 48 (body) x 70 48 x 50 (sqg) x 70
Weight incl. battery	kg	55
Battery charging time	hours	3
Runtime per charge	hours	eco 2/max 1,5
Recovery tank capacity	liter	11
Solution tank capacity	liter	10
Water usage	liter/m ²	10/1.000
Hopper capacity	liter	0,4
Cleaning path	cm	48
Productivity rate	m ² /hours	800 (projected)
Speed	km/hours	1,8 (autonomous)
Sound level	dB	Eco: 66-68 dB Max: 68-70 dB
Side brush diameter	cm	2 x ø10
Main brush size	cm	7 x ø33 (cylindrical)
Gradeability	%	2 (autonomous)
Gradeability	%	10 (manual)
Flow rate	ml/min.	bis zu 130
Minimal aisle turn	cm	65 (autonomous)





Our passion is to make a difference in cleaning by producing equipment and technology designed to improve the well-being of cleaning professionals, building users and ultimately well-being worldwide.

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