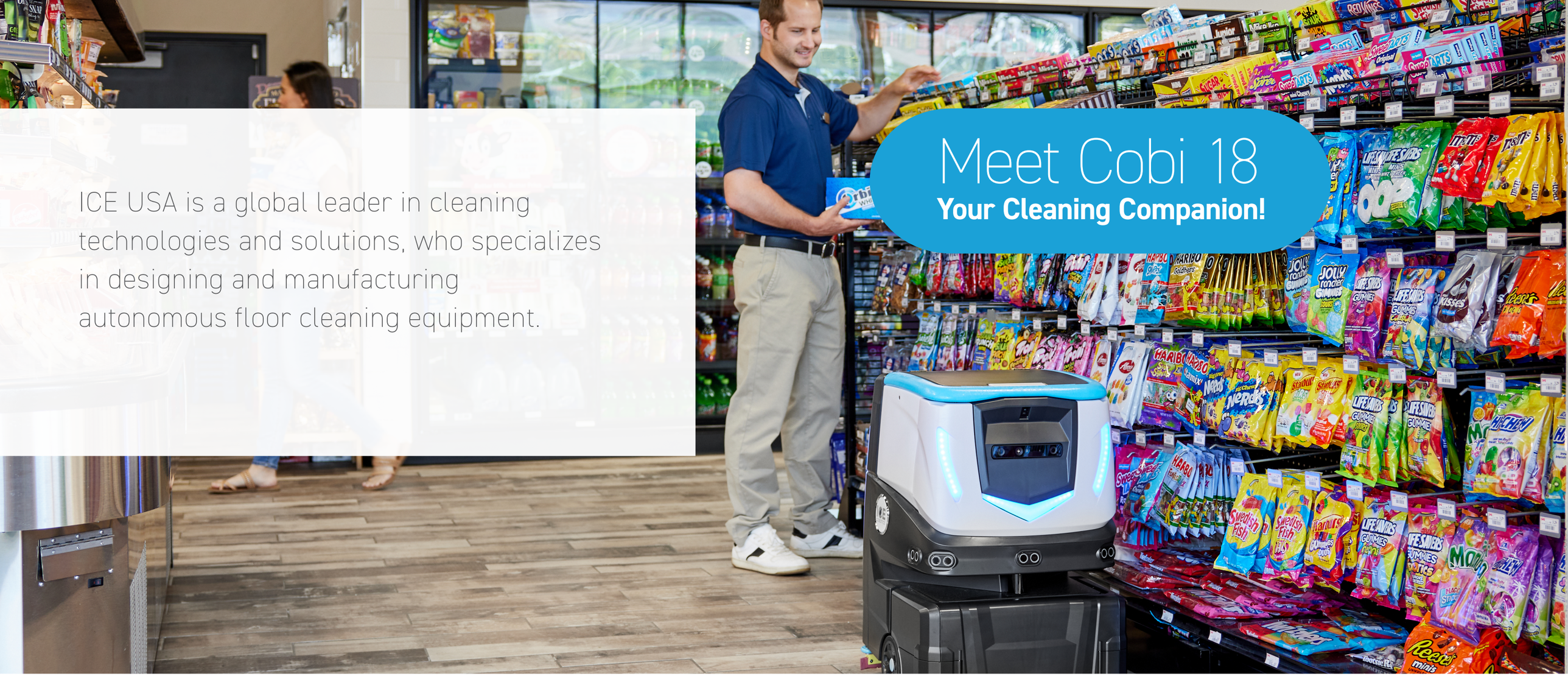


ICE USA

A DIVISION OF **ICE COBOTICS**

COBI 18 BROCHURE



Meet Cobi 18

Your Cleaning Companion!

ICE USA is a global leader in cleaning technologies and solutions, who specializes in designing and manufacturing autonomous floor cleaning equipment.

INTRODUCING COBOTICS

A World Where People and Robots Collaborate

ICE USA 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 ulitmately deliver a better customer experience, resulting in a thriving business.





CLEANING CAPABILITIES

Enhance Your Clean

Cobi 18 has been purposely designed to excel at scrubbing all types of hard floors. Key features include:

- "One charge, one fill" for 90 to 120 minutes of scrubbing
- Compact and nimble, optimized for tighter spaces and "close to edge" cleaning
- Squeegee and optional dry mop attachment to help ensure dry floors
- Minimal daily maintenance with a dual tank that is easy to empty, clean, and re-fill
- Side brushes and a hopper to help collect light debris



Squeegee



Side Brushes



Hopper



Tank



Brush



AUTONOMOUS SCRUBBER

COBI 18

Cobi 18 is a autonomous scrubber for hard flooring surfaces. It's compact design, with an 18.8 inch cleaning path, makes it ideal for cleaning in tight spaces. It cleans all the way to the edge due to side brushes that extend just beyond the perimeter of the machine—helping reduce detail work.

The navigation system is built to safely scan the environment and quickly react to people and structures. The sophisticated navigation system has been designed so Cobi 18 can operate around mirrors and windows without issue.

Benefits

- Increase cleaning frequency
- Increase staff efficiency and productivity
- Maintain consistent cleaning routes across staff
- Confirm clean through I-SYNERGY
- Offload repetitive cleaning tasks from cleaning staff
- Use data to improve performance over time
- Limit staff training with the easy to use technology
- Outpace the competition with innovative equipment
- Deliver proof of performance
- Demonstrate ability to meet changing market demands
- Ensure safety with cameras, sensors and alerts that will avoid people and obstacles







Simple Touchscreen Interface



Technical Specifications

Model Type	Cobi 18
Dimensions	18.8 x 18.8 x 27.5 IN
	480 x 480 x 700 MM
Gross Weight	122 LB/55 KG (W/BATT W/O WATER)
Recovery Tank Capacity	2.9 GALLON (11 L)
Solution Tank Capacity	2.6 GALLON (10 L)
Hopper Capacity	24.4 CU IN (0.4 L)
Cleaning Path	18.8 IN (480 MM)
Productivity Rate projected	5,000-7,000 SQ/FT
Autonomous Speed	UP TO 1.12 MPH (1.8 KPH)
Side Brush Diameter	3.8 IN/2 x 100 MM
Main Brush Size	2.7 x 13 IN
	70 x 330 MM
Gradeability Autonomous Mode	2 %
Gradeability Manual Mode	10 %
Flow Rate	0.03 GALLON/MIN
	130 ML/MIN
Run Time	2HRS (ECO MODE)/1.5HRS (MAX MODE)
Charging Time	3 HRS



PROGRAMMING, MAPPING AND NAVIGATION

Simplicity Enabled

With advanced AI and a simple user interface, Cobi 18 is incredibly easy to use. Teach Cobi 18 a route once, and run it infinitively with click of a button thereafter. Cobi 18 is equipped with several programming options to help you increase cleaning productivity including:

Custom Route – Allows users to each a custom route one time and Cobi 18 will navigate the route with a click of a buton each time thereafter.

Auto-Fill – Allows users to trace a perimeter and Cobi 18 will automatically scrub the interior. Cobi 18 enables you to get more done in less time.

Multiple Routes - Allows users to run multiple mapped routes in a row without having to restart Cobi in between routes.

Scheduled Start - schedule Cobi 18 ahead of time. Once scheduled it will run on its own making cleaning possible even when businesses are closed.

Manual Mode – Cobi 18 can be used in manual mode for any immediate floor cleaning situations that arise. Simply raise the handle, push the start button, and push the scrubber over the spill.



SAFETY

Your Data is Secure

Data security is top priority. We designed the Cobi 18 and cloud architecture with security and privacy in mind. As Cobi 18 operates, it collects sensor data to create point cloud maps that look like heat maps ensuring the identify of people or text on the walls is unidentifiable.

The sensor data and cleaning performance data is securely transmitted to one of our regional clouds. We use reputable cloud service providers to host our regional clouds in order to provide the most reliable service to our customers.

Safety is Our Top Priority

Cobi 18's advanced AI (artificial intelligence) integrates data from a combination of sensors for safe navigation through real-world environments detecting and avoiding people and objects in it's path.





i-SYNERGY

Cleaning Management Made Simple

Cobi 18 comes equipped with I-SYNERGY fleet tracking software. It collects cleaning data from Cobi 18 giving you access to insights like:

- Cleaning performance through usage data
- Team management metrics
- Cleaning maintenance alerts
- Equipment training
- Service requests

i-SYNERGY's Clean Score, let's you quickly confirm what is happening at each location you manage, all from a remote location. Clean Score is simple, just sign into the i-SYNERGY, review your score, and gain insights.

Once you review the score, you can quickly check in on locations that need assistance and review progress at sites that are on track to meet goals.

3 Key Benefits:

- Multiple Sites, One Score
- No More Analyzing Data
- Simple Way to Track Confirmed Clean



DEPLOYMENT & TRAINING

We offer a variety of training and onboarding tools to suit your business including our virtual resource center. Our virtual resource center is accessible 24/7 and is full of helpful information including short, easy-to-use training and maintenance videos, wall charts, and manuals, everything you need to support your new cobotic team.

Check out our Virtual Resource Center via this link.

CUSTOMER SUPPORT

Our service team is here to support you and your team. Contact us via chat, email or by phone.

INDUSTRIES

Ideal Environments



Retail



Convenience Stores



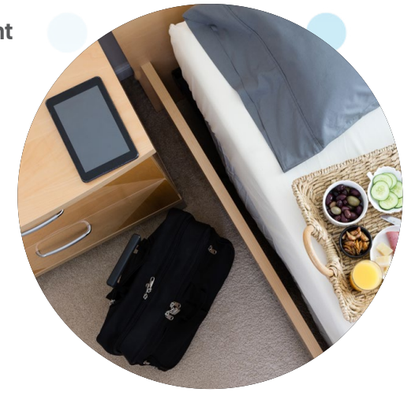
Grocery



Facility Management Companies



Healthcare



Hospitality

WHY COBI 18 IS GREAT FOR THESE INDUSTRIES:

- **Compact Design and Sophisticated Navigation –** Due to its compact design and highly sophisticated navigation system, Cobi 18 can operate safely and efficiently in real-world situations and changing environments. Cobi 18 can navigate tight, high-traffic aisles, small spaces, and around mirrors without disruption.
- **Safety –** Built with an intelligent navigation system with a combination of sensors to navigate safely around obstalces keeping people and spaces safe. Cobi 18 is powered by lithium-ion battery technology making it safer for employees and the environment.
- **Labor Allocation and Employee Morale –** Staff will be freed up to focus on customers and high-priority tasks, giving them more time to complete the day's tasks and to deliver the best customer service possible. Cobi can run during the day or night and contributes to a more consistent cleaning schedule, giving your team the satisfaction of a job well done. Happier employees means longer retention.
- **Positive Perception of Clean –** Cobi 18 will catch the eye of your customers. A visible sense of cleaning demonstrates your focus on health and safety, consistent cleaning, and continued improvement through technology. Your customers will return again and again.



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Experience Smarter Cleaning

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