



SERVICE THROUGH INNOVATION

MEET ROBO 3

The most advanced fully automated scrubber dryer on the market



www.ice-clean.com

 facebook.com/icesouthampton

 [@ICEcleanLtd](https://twitter.com/ICEcleanLtd)



Quality and freshness
guaranteed

ROBO 3

THE ROBO 3

Using its patented laser navigation system, the Robo 3 detects its surroundings and automatically cleans the entire floor.

INDEPENDENT AND VERSATILE

Following an installation survey by an ICE technician to map the cleaning area, the machine scrubs and dries the floor, all with minimal human contact. The operator simply fills the machine with water, switches it on, and the Robo 3 does the rest.

Retail

Whether it be Shopping Centres, Food Retail Stores or High Street locations, Robo 3's unique cleaning system is suitable for all retail environments.

Transport

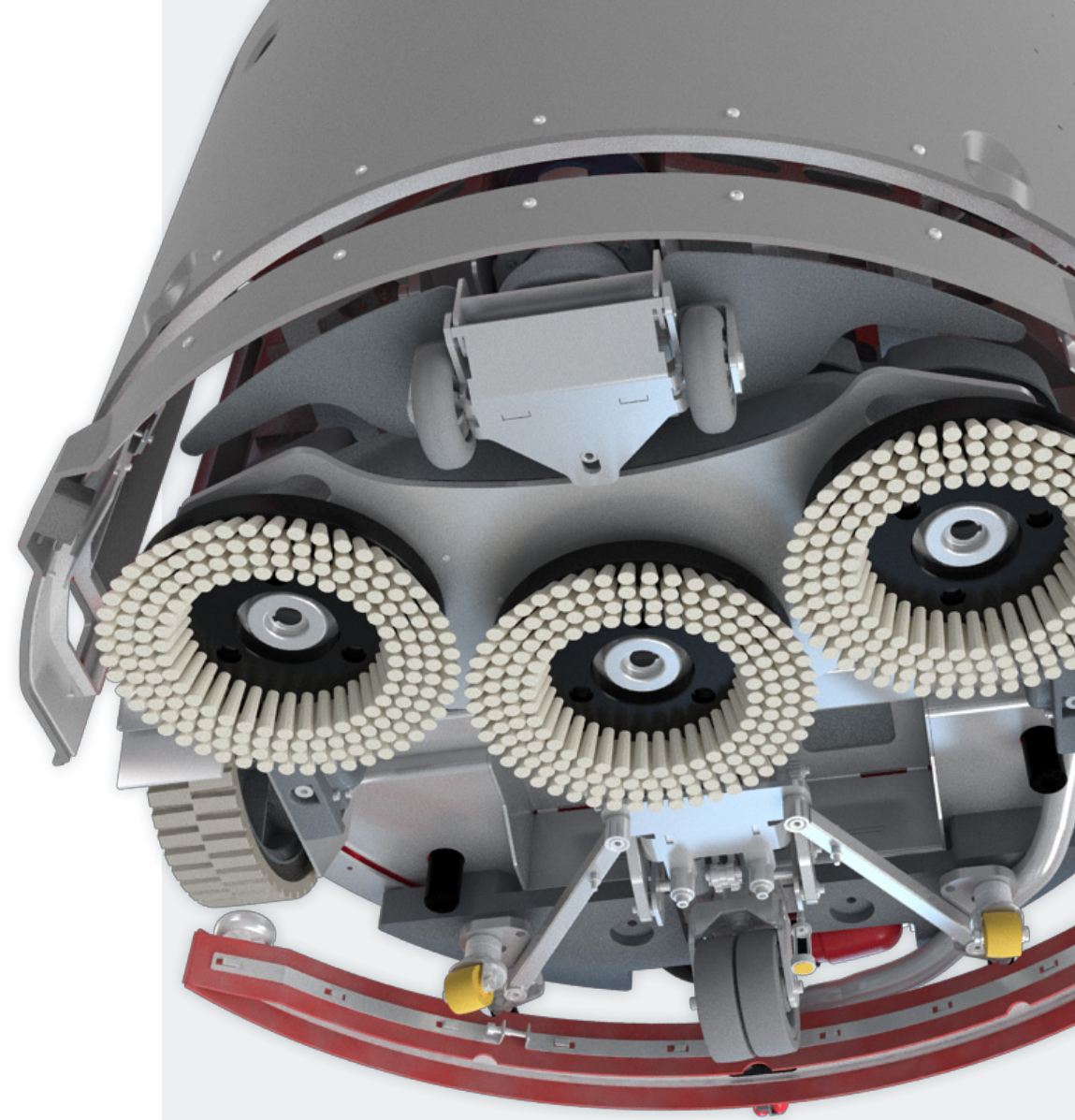
From over-ground or underground stations to the largest of terminal halls, Robo 3 has the sophistication and robustness to work independently in the harshest of cleaning applications in the transport sector.

Education

Sports halls, corridors, canteens - the flexibility of the Robo 3 cleaning system ensures it will be suitable for large schools, colleges and educational institutions.

Healthcare

Large hospital complexes are a historical labour-intensive cleaning challenge, due to noise pollution and patient care. The low noise levels and "clever" operation of Robo 3 means that cleaning can take place day or night. This ensures that labour can be attributed to more in-depth cleaning tasks around infection control and hygiene standards.



The Robo 3 is perfect for the thorough and consistent cleaning of supermarkets, warehouses, showrooms, shopping centres, halls and public facilities.

ROBO 3

Our newly upgraded ICE Robo 3 is the most advanced fully autonomous cleaning machine on the market. Thanks to its unique laser and sensor technology, it can clean complex areas in a thorough and uniform manner.

It offers unlimited cleaning patterns and super-fast mapping, as well as consistent cleaning right up to the edge. Robo 3 out-performs any other robotic machine when cleaning tight corners, edges and complex rooms.

Continuous cleaning is now a huge advantage thanks to the quick change battery system, giving a run time of up to 6 hours. Using its sonic bumper sensors and unique laser radar, the Robo 3 completely avoids static, temporary or moving obstacles. It will return to clean any areas that have been missed due to temporary obstacles being placed within the cleaning area. With the new countdown timer feature, Robo 3 can be set up and ready to clean from the previous shift.



AT A GLANCE

- Super-fast, flexible mapping
- Self driving - Robo 3 will drive itself to the cleaning start point
- Multiple areas can be cleaned in one cleaning cycle
- Consistent, continuous cleaning for up to 6 hours
- Unlimited cleaning patterns
- Precise navigation using the unique laser radar
- Remote management via any tablet, smartphone or PC - total visibility of the Robo 3 from any location at any time
- Detailed reporting available, including area cleaned and any areas missed due to temporary obstacles being placed in the cleaning zone
- Optional extras including a countdown timer and sweeping brush.

TECHNICAL & SAFETY INFORMATION

Complete safety is guaranteed with the Robo 3, thanks to its 8 sonic bumper sensors, navigation system and flashing warning light.



Obstacle detection/avoidance

Using its sonic bumper sensors and unique laser radar, the Robo 3 completely avoids static, temporary or moving obstacles.



Emergency stop button

The Robo 3 will stop instantly if the emergency stop button is pressed.



Controlled speed

The Robo 3 automatically slows down when it detects obstacles close by.



Flashing beacon

The beacon on top of the Robo 3 flashes continuously whilst in operation.



Stairwell avoidance

The sensors and laser radar system ensure that the Robo 3 avoids stairwells and other drops.



Anti-slip wheels

The new anti-slip wheels are ideal for tiled or oily floors found in garage and workshop floors.

SPECIFICATION

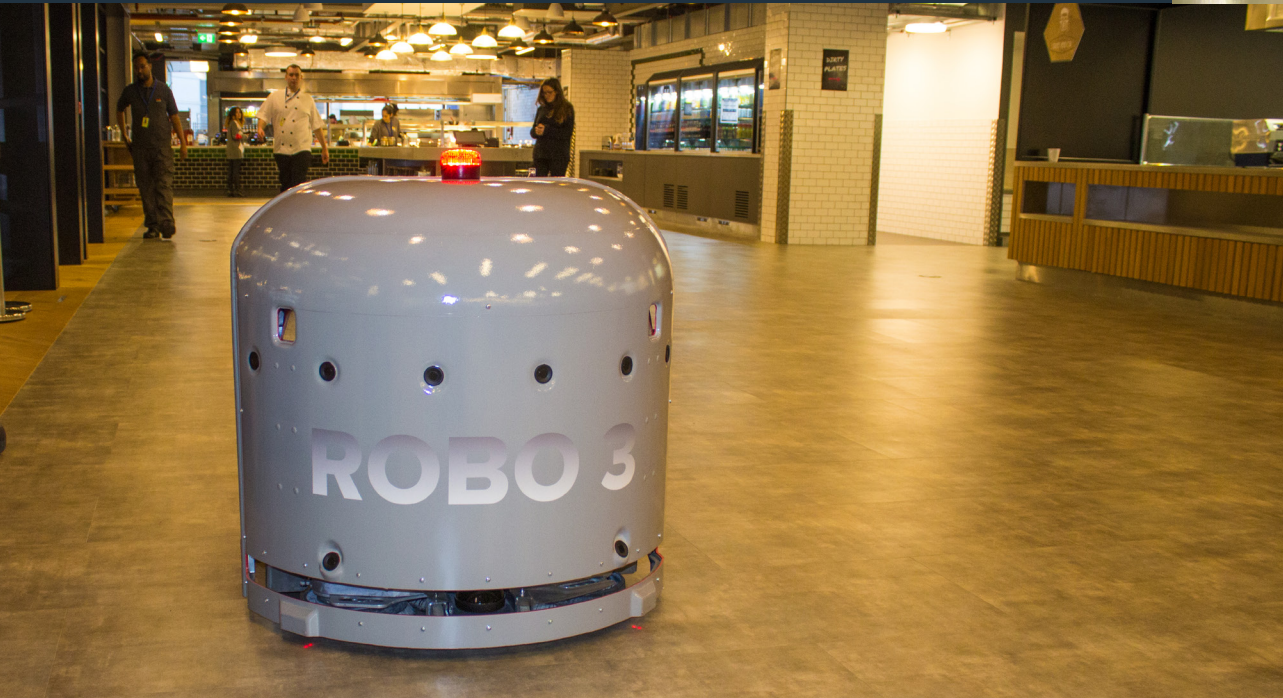
Specification	Detail
Battery charge time	5 hours
Battery capacity	24 V / 115 Ah
Run time	6 hrs
Battery type	12v 115ah Agm x2
Charger	24v 15ah
Working width (scrub deck)	66 cm (27")
Working width (suction)	79 cm
Dimensions (L x W x H)	92.5 x 85 x 88 cm
Weight with batteries	275 kg
Cleaning speed	0.6 m/s
Productivity	3,086 m ² /hr
Productivity per hour	900 m ²
Water tank capacity	45 Ltr
Water productivity	3 hours
Cleaning head	3 x 22cm orbital brushes / pad holders
Squeegee	79 cm curved



INNOVATIVE MANAGEMENT INFORMATION

ICEtrak is a unique telemetry system that gives real-time visibility of your equipment, so you can be sure you are getting the most out of your machines. The system can be fitted to a wide range of equipment brands, which enables us to support your entire estate.

ICEtrak can tell you where each machine is located, when it has been used and how long for – even down to the detail of how much water has been used. It also provides detailed Management Information about maintenance schedules, and when the next service is required. This information can be accessed remotely from any PC, tablet or smartphone.



KEY FEATURES AND BENEFITS

- ✓ Utilisation
- ✓ Full service interface
- ✓ Remote control / lockdown
- ✓ Cloud-based solution
- ✓ Full reporting function
- ✓ Location with “geo-fencing”
- ✓ User ID capability
- ✓ Online / offline functionality
- ✓ Impact alerts
- ✓ Lone worker protection

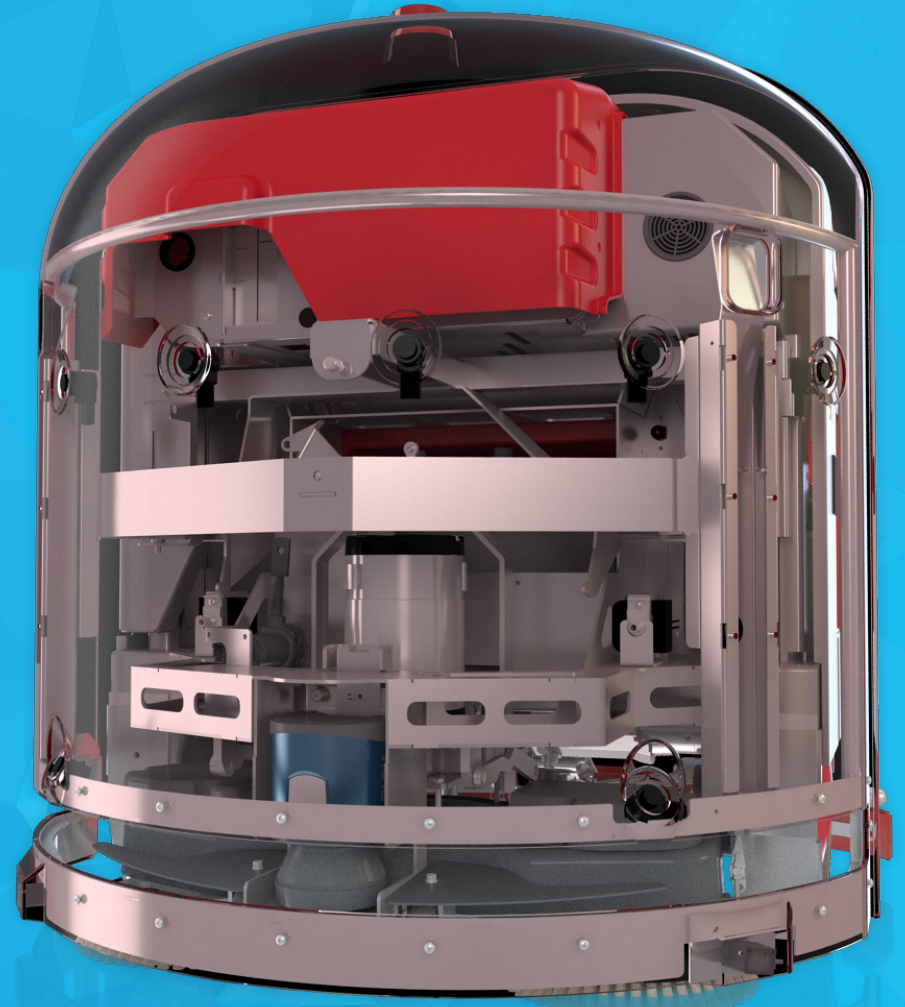


FLEXIBLE MACHINE RENTAL

ICE Rental is the industry's most flexible and comprehensive equipment rental model, giving access to a whole range of innovative equipment without the requirement for capital spend.

It is fully flexible, and designed to expand and contract with your contract wins and losses, minimising risks associated with traditional equipment purchasing.

- ✓ Flexing charge that expands and contracts with wins/losses
- ✓ No capital outlay
- ✓ Off balance sheet rental
- ✓ Service support - on site or RMS (rotational machine service)
- ✓ New equipment across portfolio
- ✓ Fixed budget cost - fully inclusive
- ✓ Full asset management and compliance
- ✓ Asset management and detailed MI
- ✓ Buy back of existing legacy equipment
- ✓ Full on-site training and support



ICE



Sauber House, Unit 3
Rushington Business Park
Chapel Lane, Totton
Hampshire SO40 9AH

T 023 8077 7000
F 023 8042 8318
E sales@ice-clean.com
www.ice-clean.com

