



SERVICE THROUGH INNOVATION

MTECH RANGE

Combining cleaning with the latest in telemetry technology



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ICE MTECH RANGE

The ICE MTEch range combines the latest in cleaning technology with superior quality equipment.

Each machine is constructed using robust materials guaranteed to give outstanding cleaning results.

The ICE MTEch range introduces technology into everyday cleaning, with a touchscreen control panel and integrated telemetry system.

These advanced, technological machines make cleaning intelligent, interactive and easy.

The in-built technology enhances the user experience, with touchscreen video tutorials showing how to operate and maintain the equipment.*

All equipment in the ICE MTEch range is available either for rental or outright purchase.

ICE offer total peace of mind with our fully managed service, including a nationwide network of highly trained engineers and a dedicated helpdesk team available 7 days a week.

*not applicable to the ICE Robo 3 or the ICE MTEch 70 D



ICE ROBO 3



ICE MTECH 70 D



ICE MTECH 50

Available in disc, cylindrical and orbital models.



ICE MTECH 60 D

Available in disc version only.



ICE MTECH R 75

Available in disc, cylindrical and orbital models.



ICE MTECH R 90

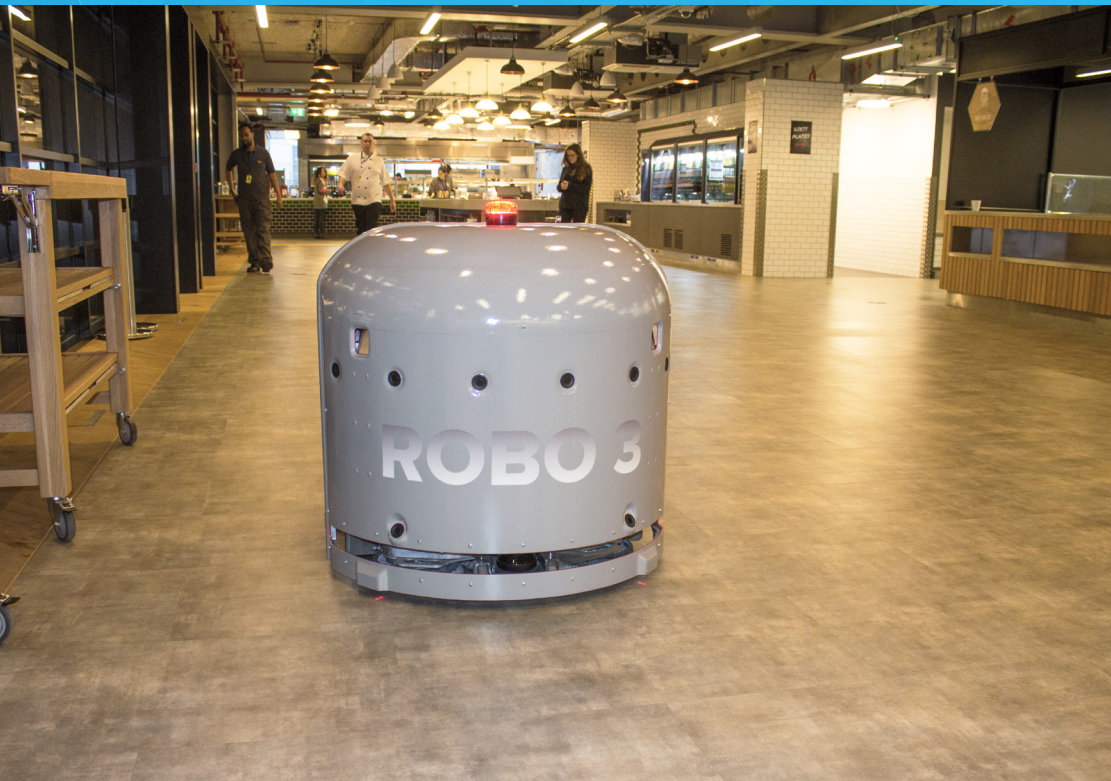
Available in disc, cylindrical and orbital models.

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 obstacles, whether they are static, temporary or moving. It will always return to clean any areas that have been missed due to temporary obstacles being placed within the cleaning area.



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

ICE MTECH 50

The ICE MTech 50 is an advanced and innovative pedestrian scrubber dryer with easy, intuitive and dynamic controls.

All functions and activities are managed by the touchscreen control panel, which offers access to an extraordinary choice of customisable features to satisfy all requirements with extreme simplicity.

The ICE MTech 50 is a sturdy scrubbing machine built with the best components and a striking design. Experienced engineering combined with high quality materials gives a model made to last.

This machine is available in disc, cylindrical and orbital models.



SPECIFICATION

Specification	Detail
Power	Battery (24V)
Working width	51 cm
Noise level	<70 dBA
Gradeability	10%
Fresh water capacity	60 Ltr
Dirty water capacity	65 Ltr
Weight	245 kg
Productivity	1,785 m ² /h
Dimensions (L x W x H)	129.5 x 71 x 109.5 cm

AT A GLANCE

- Innovative touchscreen display
- Consistent cleaning results
- Cruise control - preventing accidents & allowing operator set the required speed
- Reduces downtime - thanks to large tank capacities
- Power mode - when more scrubbing power is needed



ICE MTECH 50 D

Ideal for use in a wide range of environments such as, hospitals, shopping centres, schools, supermarkets and hotels.

- The ICE MTEch 50 D has a brush speed of 140 rpm.
- Comes with a built in telemetry system and SOS device as standard.
- The ICE MTEch 50 D has automatic brush coupling & uncoupling ideal for the daily maintenance of the machine.

ICE MTECH 50 C

Ideal for use on profiled flooring, such as external areas with rough stone and warehouses. This robust and reliable machine introduces technology into everyday cleaning, with a touchscreen control panel and integrated telemetry system.

- The ICE MTEch 50 C has an brush speed of 600 rpm.
- Comes with a built in telemetry system & SOS device as standard.
- Power mode increases brush pressure up to 100 kg.



ICE MTECH 50 O

The ICE MTEch 50 O is an innovative orbital pedestrian scrubber dryer. It provides a deeper clean than a disc machine thanks to its oscillating pad. This machine combines the latest technology with classic cleaning methods. It is robust, reliable and simple to operate.

- The ICE MTEch 50 O has an oscillating speed of 2,400 rpm.
- Comes with a built in telemetry system and SOS device as standard.
- Cleans right to edges and corners thanks to its square pad.

ICE MTECH 60

The ICE MTEch 60 is an advanced and innovative pedestrian scrubber dryer. Everything is easy, intuitive and dynamic.

All functions and activities are managed by the touchscreen control panel, which offers access to an extraordinary choice of customisable features to satisfy all requirements with extreme simplicity.

Experienced engineering combined with high quality materials has led to a model made to last.



SPECIFICATION

Specification	Detail
Power	Battery (24V)
Working width	60 cm
Squeegee width	78.5 cm
Brush / pad size	2 x 31 cm
Brush speed	140 rpm
Productivity	2,100 m ² /h
Fresh water capacity	60 Ltr
Dirty water capacity	65 Ltr
Noise level	<70 dBA
Gradeability	10%
Dimensions (L x W x H)	129.5 x 78.5 x 109.5 cm
Weight	245 kg



ICE MTECH 70 D

The ICE MTEch 70 D pedestrian scrubber dryer combines low maintenance costs with high productivity.

It offers great working autonomy of up to 4 hours, guaranteed by the Eco Mode device that optimises energy, water and detergent consumption, ensuring low usage costs.

The low noise level means the ICE MTEch 70 D can be used during opening hours in highly frequented environments such as supermarkets, or sensitive environments such as hospitals, nursing homes and schools, all with minimal disruption.

SPECIFICATION

Specification	Detail
Power	Battery (24V)
Working width	51 cm
Squeegee width	68 cm
Brush / pad size	1 x 50.8 cm
Brush speed	140 rpm
Productivity	1,750 m ² /h
Fresh water capacity	40 Ltr
Dirty water capacity	40 Ltr
Noise level	58 dBA
Gradeability	10%
Dimensions (L x W x H)	118 x 59 x 103 cm
Weight	136 kg



ICE MTECH R 75

The award winning ICE MTEch R 75 is an advanced, technological scrubbing machine that makes cleaning intelligent, interactive and easy.

It is versatile and able to work in a range of environments including supermarkets, warehouses, shopping centres, swimming pools, car showrooms and service areas.

The ICE MTEch R 75 is available in disc, cylindrical and orbital models.

AT A GLANCE

- Operator comfort is at the forefront of the design of the ICE MTEch R 75 - with light steering for easy manoeuvrability, and lateral paddles for greater control of the machine.
- Power mode increases the brush pressure up to 100 kg.
- The rear view camera increases the safety of reverse manoeuvres.
- Ramp Up - this machine can climb ramps of up to 18% easily and smoothly, with no interruptions or loss of power delivery.
- Eco mode allows the ICE MTEch R 75 to work quietly and efficiently, making it ideal for a wide range of environments.
- The stop & start feature will automatically turn off the brush motor, vacuum motor, traction and detergent pump once the machine has been idle, reducing costs and emissions.
- Anti-collision system detects obstacles when reversing, helping the operator work in complete safety and protect the machine.





ICE MTech R 75 D

Ideal for environments such as warehouses, car parks, leisure centres and large event spaces.

ICE MTech R 75 D	Specification
Power	Battery (24V)
Working width	75.5 cm
Squeegee width	88 cm
Brush / pad size	40 cm (2)
Brush speed	140 rpm
Productivity	4,500 m ² /h
Fresh water capacity	110 Ltr
Dirty water capacity	110 Ltr
Noise level	<70 dBA
Gradeability	7%
Dimensions (L x W x H)	160.2 x 88.1 x 124.2 cm
Weight	408 kg



ICE MTech R 75 C

Ideal for medium to large areas with rough flooring, warehouses and distribution centres.

ICE MTech R 75 C	Specification
Power	Battery (24V)
Working width	64.1 cm
Squeegee width	88 cm
Brush / pad size	18 x 61.6 cm (2)
Brush speed	550 rpm
Productivity	5,000 m ² /h
Fresh water capacity	110 Ltr
Dirty water capacity	110 Ltr
Noise level	<70 dBA
Gradeability	7%
Dimensions (L x W x H)	118 x 59 x 103 cm
Weight	408 kg



ICE MTech R 75 O

Ideal for shopping centres, hospitals and museums/tourist centres.

ICE MTech R 75 O	Specification
Power	Battery (24V)
Working width	71 cm
Squeegee width	88 cm
Brush / pad size	71 x 35.5 cm (1)
Oscillations speed	3,500 rpm
Productivity	4,500 m ² /h
Fresh water capacity	110 Ltr
Dirty water capacity	110 Ltr
Noise level	<70 dBA
Gradeability	7%
Dimensions (L x W x H)	118 x 59 x 103 cm
Weight	408 kg

ICE MTECH R 90

With the perfect combination of power and efficiency, the ICE MTEch R 90 has been created for the most demanding environments, thanks to its robust structure and innovative design.

The on-board technology and video tutorials for machine operation and maintenance enhance the user experience, and the integrated rear view camera means that cleaning results can be easily monitored at all times.



AT A GLANCE

- Three stage vacuum system that leaves the floor dry with no risk of slipping.
- Brushless motors for guaranteed reliability even in the toughest environments, with no maintenance required.
- Ramp Up - this machine can climb ramps of up to 18% easily and smoothly, with no interruptions or loss of power delivery.
- Adjustable brush pressure - with a brush pressure which can be set up to 150 kg, the machine can tackle even the most stubborn dirt.
- Save time by working faster - up to 6 km/hr in work mode.
- Anti-collision system and rear view camera detects obstacles when reversing.
- Descent control - maintains constant speed when driving downhill, and prevents sudden increases in speed caused by gravity.
- Overhead guard is available as an optional extra.



ICE MTech R 90 D

With a run time of up to 5 hours, the ICE MTech R 90 D is ideal for medium to large areas such as warehouses, leisure centres and large event spaces.

This machine comes with 2 pad holders.

ICE MTech R 90 D	Specification
Power	Battery (36V)
Working width	90 cm
Squeegee width	110 cm
Brush / pad size	46 cm (2)
Brush speed	180 rpm
Productivity	5,400 m ² /h
Fresh water capacity	190 Ltr
Dirty water capacity	200 Ltr
Noise level	<70 dBA
Weight	866 kg
Dimensions (L x W x H)	189.4 x 110 x 135.9 cm



ICE MTech R 90 C

With a run time of up to 5 hours, the ICE MTech R 90 C is ideal for medium to large areas such as warehouses and distribution centres.

This machine comes with 2 side brushes.

ICE MTech R 90 C	Specification
Power	Battery (36V)
Working width	82.5 cm
Squeegee width	110 cm
Brush / pad size	21 x 85.6 cm (2)
Brush speed	550 rpm
Productivity	5,000 m ² /h
Fresh water capacity	190 Ltr
Dirty water capacity	200 Ltr
Noise level	<70 dBA
Weight	856 kg
Dimensions (L x W x H)	189.4 x 110 x 135.9 cm



SOLUTIONS
EQUIPMENT & TECHNOLOGY



MANAGED SERVICES
EQUIPMENT FLEET MANAGEMENT



LOCATE

TRACK

SUPPORT

MANAGE



RENTAL
FLEXIBLE EQUIPMENT HIRE

SMARTLY CONNECTED



DIRECT >>
APPROVED SOLUTIONS

ICE app

The ICE App is your guide to the products and services on offer from ICE. From training videos to asset tracking, and product guides to equipment diagnostics; the ICE App has everything to keep you up to date.

Available on the ICE App:

- ✓ Manage your entire fleet through the ICE App.
- ✓ Equipment training videos, for reference and top up training.
- ✓ Real-time asset reporting.
- ✓ Live video call for quick and easy machine diagnostics via the Smartcall facility on the ICE App.
- ✓ Locate your assets using the ICE Locator facility.



How to download The ICE App:

Android device:

To download the Android version, please search for The ICE App on Google Play, or scan the QR code to the right.



Apple device:

To download the iOS version, please search for Industrial Cleaning Equipment on App Store, or scan the QR code to the right.



Our equipment telemetry service - ICEtrak - helps to increase the productivity of your fleet by obtaining in-depth analysis for equipment across your entire estate. ICEtrak can tell you where your machines are, what they are doing, and who is using them; along with reporting on equipment utilisation and downtime.

It also gives the service history of each machine and when planned maintenance is due, enabling you to know in advance when service is necessary.

The data can be accessed remotely on any device: computer, tablet or smart phone.

ICEtrak fleet management allows you to:

- ✓ Increase productivity
- ✓ Eliminate downtime
- ✓ Measure and track performance
- ✓ Reduce equipment breakdowns
- ✓ Keep your fleet permanently efficient
- ✓ Manage any impact/damage immediately

Our cloud-based reporting system includes:



Asset Usage - reports on the machine run time and 'brush on time' correlating the data.



Water Usage - data provided ensures that all filters and hoses are running correctly.



Battery Health Check - monitors battery surges ensuring battery life is running at full capacity.



Asset Utilisation - ensures that each machine is being used to its full potential.



ICE Smartcall is a live video support call for onsite operatives and engineers - with a dedicated team of ICE specialists available to take their calls.

- ✓ As part of ICE's call screening and triage service, Smartcall is the latest innovation to launch as part of our ongoing commitment to outstanding levels of customer support and service.
- ✓ At the touch of a button an ICE expert appears on the operatives mobile screen to help with any questions or problems.
- ✓ Our expert is also equipped with their own digital tools, with the ability to see what the operative shows them.
- ✓ Our expert even can share the appropriate manual or navigate to any web page that will help them further, live on their phone or tablet.
- ✓ Smartcall ensures field based resource are visiting primary equipment issues as opposed to nonsense calls. Reducing wasted hours of unproductive cleaning and engineering time.
- ✓ Supports our environmental pledge and carbon footprint reduction.



Smartcall is available via the ICE App

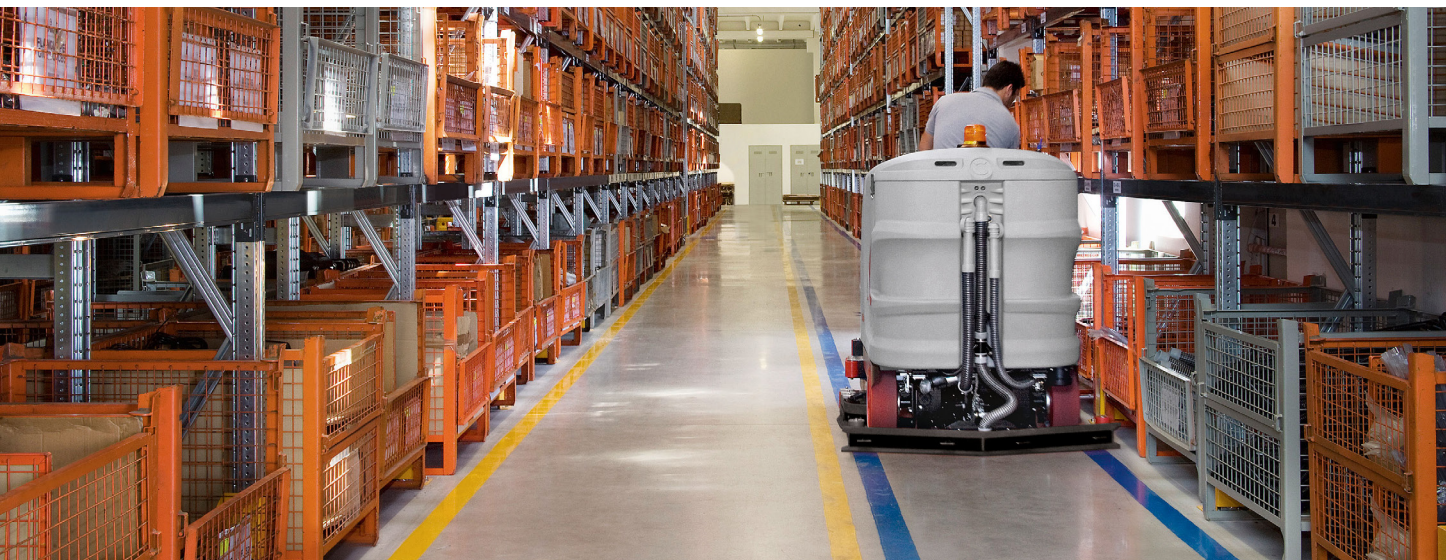


ICE Rental is the industry's most flexible and comprehensive equipment rental model, giving access to a whole range of innovative equipment without the requirement for capital spend.

It is fully flexible and minimises the risks associated with traditional equipment purchasing.

Benefits of ICE Rental

- ✓ Flexy charge to expand with wins and losses
- ✓ No capital outlay
- ✓ Off balance sheet rental
- ✓ Service Support
- ✓ New equipment across portfolio
- ✓ New equipment on all new contract wins
- ✓ Fixed cost - fully inclusive
- ✓ Full asset management & compliance
- ✓ Detailed Management Information
- ✓ Manage all assets using our online system
- ✓ Buy-back of existing legacy equipment
- ✓ Full on-site training & support



CONTACT US

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SHORT TERM RENTAL ENQUIRIES:

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ICE CORE EQUIPMENT RANGE



Vacuum Cleaners



Dual function machines



Carpet Cleaners



Single Disc Machines



Steam Cleaners



Pedestrian Scrubber Dryers



Ride-On Scrubber Dryers



Sweepers

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