

The future of cobotic cleaning



In partnership with



Who we are

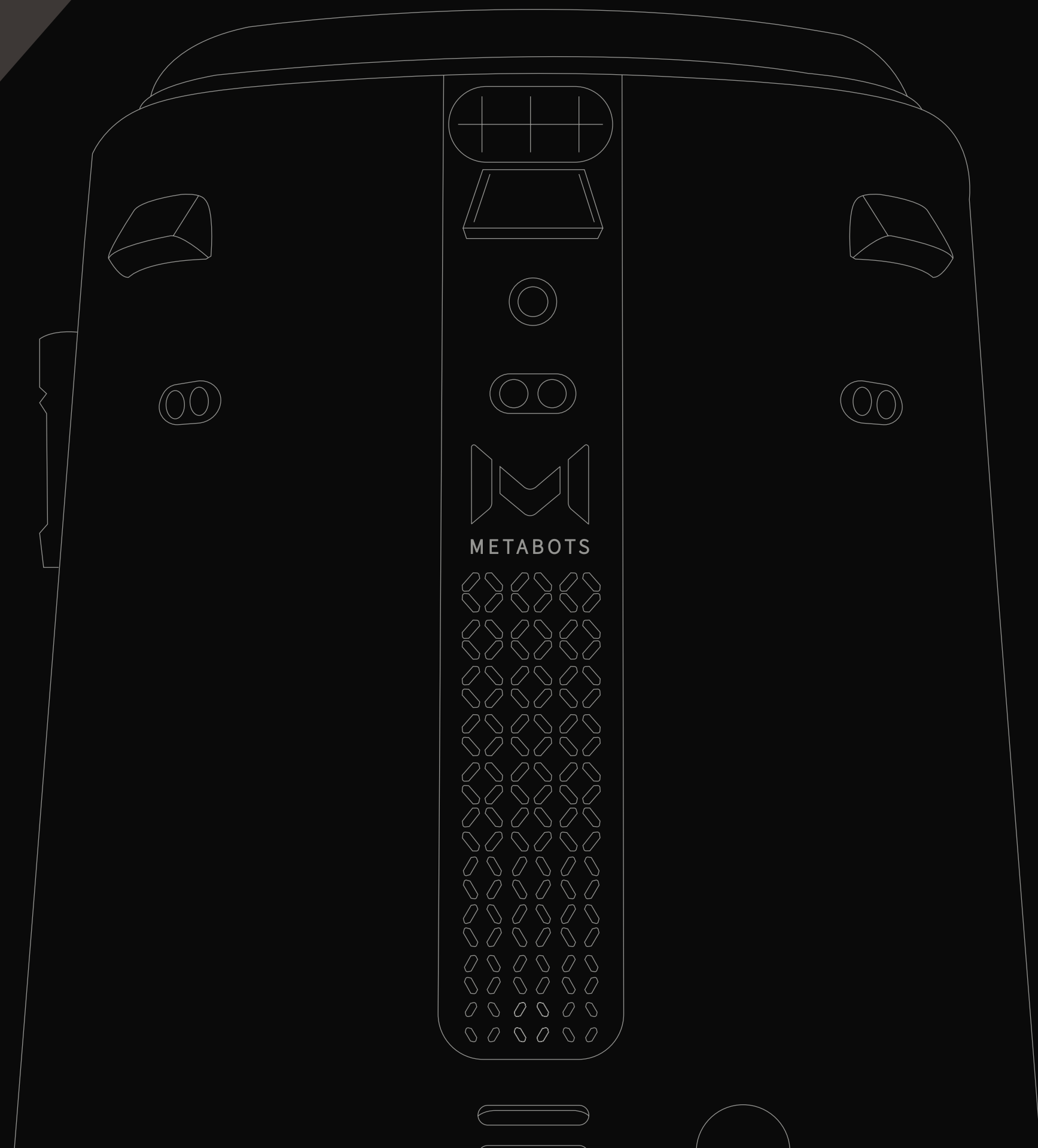
As we are Europe's largest manufacturer of mopping equipment there's not much we don't know about mopping. It's in our DNA.

We're now bringing this knowledge to the world of robotics, and have partnered up with a leading expert from the field of cobotic design, becoming the UK's primary distributor of the Metabots Autonomous Cleaning Machines.

[define: cobot. A collaborative robot; a robot intended for direct human-robot interaction within a shared space.]



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About Meta-Scrub 60



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The people behind Metabots aren't new to machines – they have been manufacturing cleaning machines for major brands for years and so the release of cobotic machines is simply a natural progression.

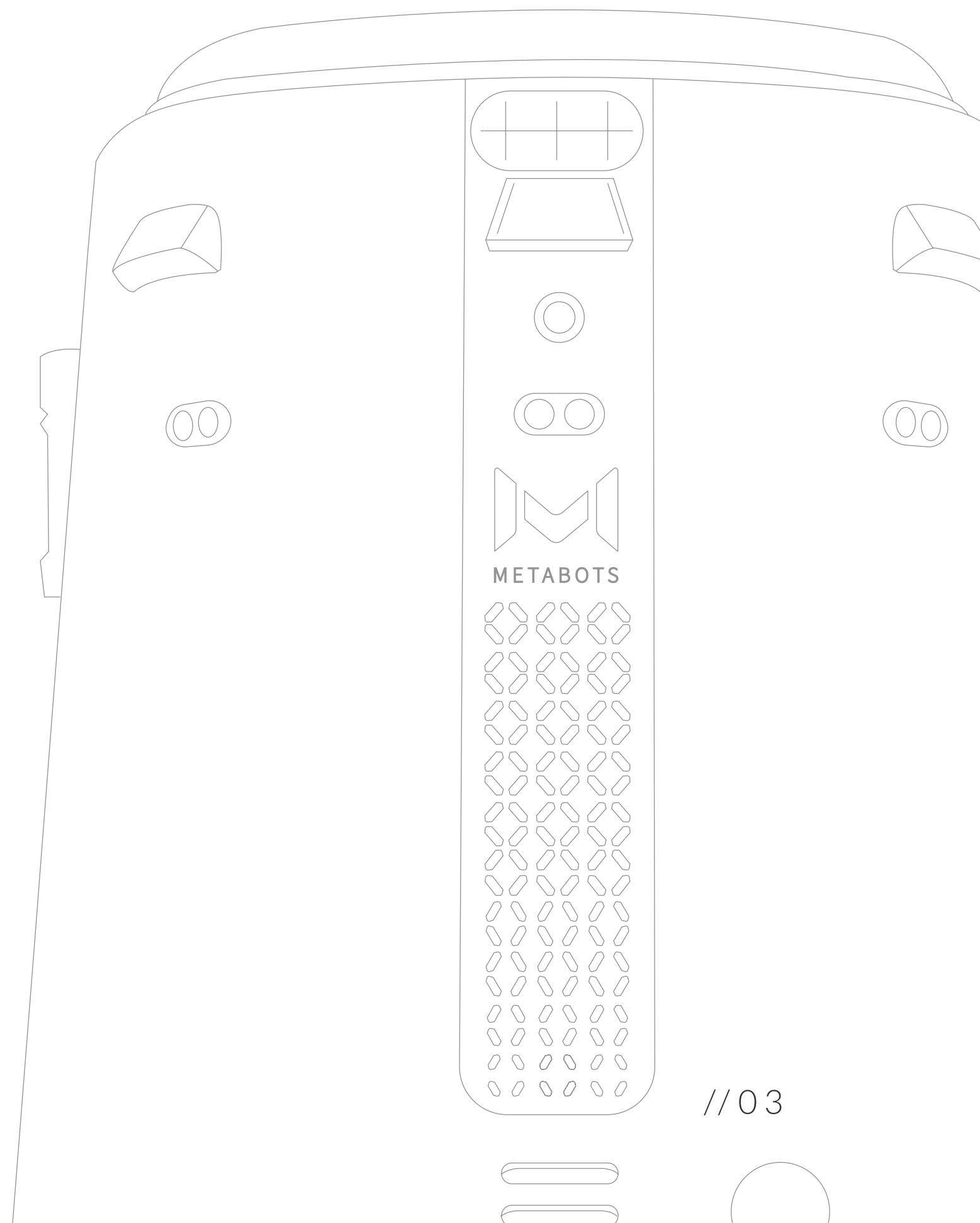
With a focus on innovation, design and build quality, they are at the forefront of this new and exciting movement within the cleaning industry.

The circular design, clever engineering and software gives the Meta-Scrub 60 its zero degree turning circle which enables it to travel down narrower spaces and clean areas that others machines cannot reach.

The proprietary algorithm is responsible for the Meta-Scrub 60's dynamic obstacle avoidance. This cutting-edge system allows the robot to be used safely and with confidence in public areas – identifying and moving around people in the cleaning area, detecting and avoiding objects as small as 5cm, and allowing its human co-workers to get on with other tasks.

With its low water usage, the Meta-Scrub 60 is good for the environment and also reduces the risk of slips, which is better for everyone. Water need not be used at all - operate it in dry-mopping mode with the microfibre flat mop attachment and the Meta-Scrub 60 will keep on top of floor dusting for around 12 hours, maintaining your floor's appearance for longer.

Cleaning and hygiene operatives are an increasingly valuable resource and should be encouraged to apply their skills to make the biggest impact possible. The increased productivity associated with working alongside a Metabots machine gives them the opportunity to do just that. While the Meta-Scrub 60 deals with those large floor areas, operatives can concentrate on other important tasks, achieving better results and increased benefits for your customers.



Benefits of robotic cleaning



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Meta-Scrub 60 and robotic cleaning brings a range of benefits.

The key benefits are:

- ✓ Cleaning teams focus on higher value services
- ✓ Increase productivity of cleaning teams
- ✓ Overcome labour shortages
- ✓ Save money on disposable supplies
- ✓ Increase staff fulfilment with less monotonous tasks and potential to upskill
- ✓ Reduce workplace injuries, such as RSI, with less repetitive tasks
- ✓ Increase staff wellbeing and lower absence rates
- ✓ Improve customer experience
- ✓ Transparent cleaning reporting
- ✓ Consistent cleaning results



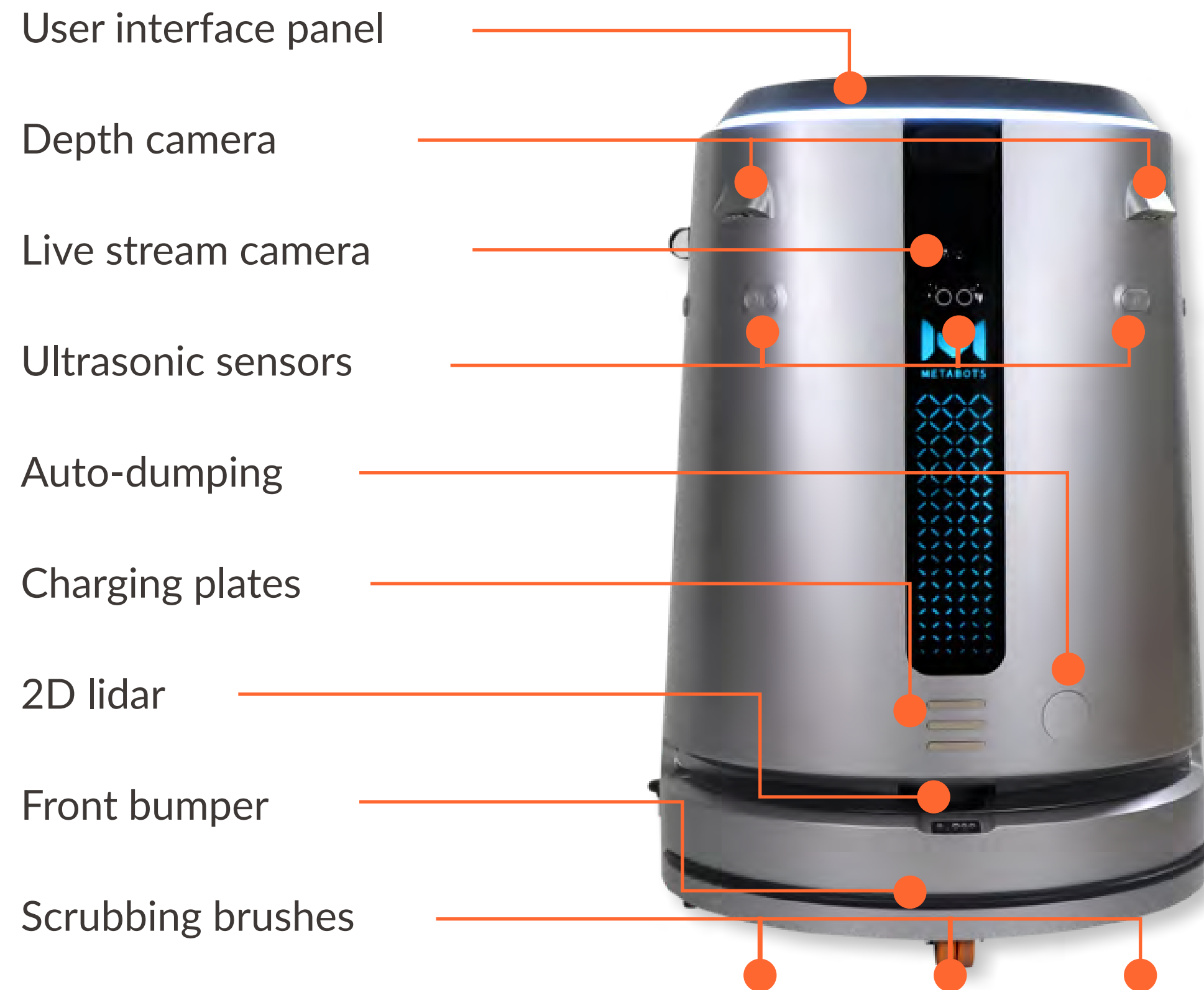
Key features



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Features at a glance



Front view



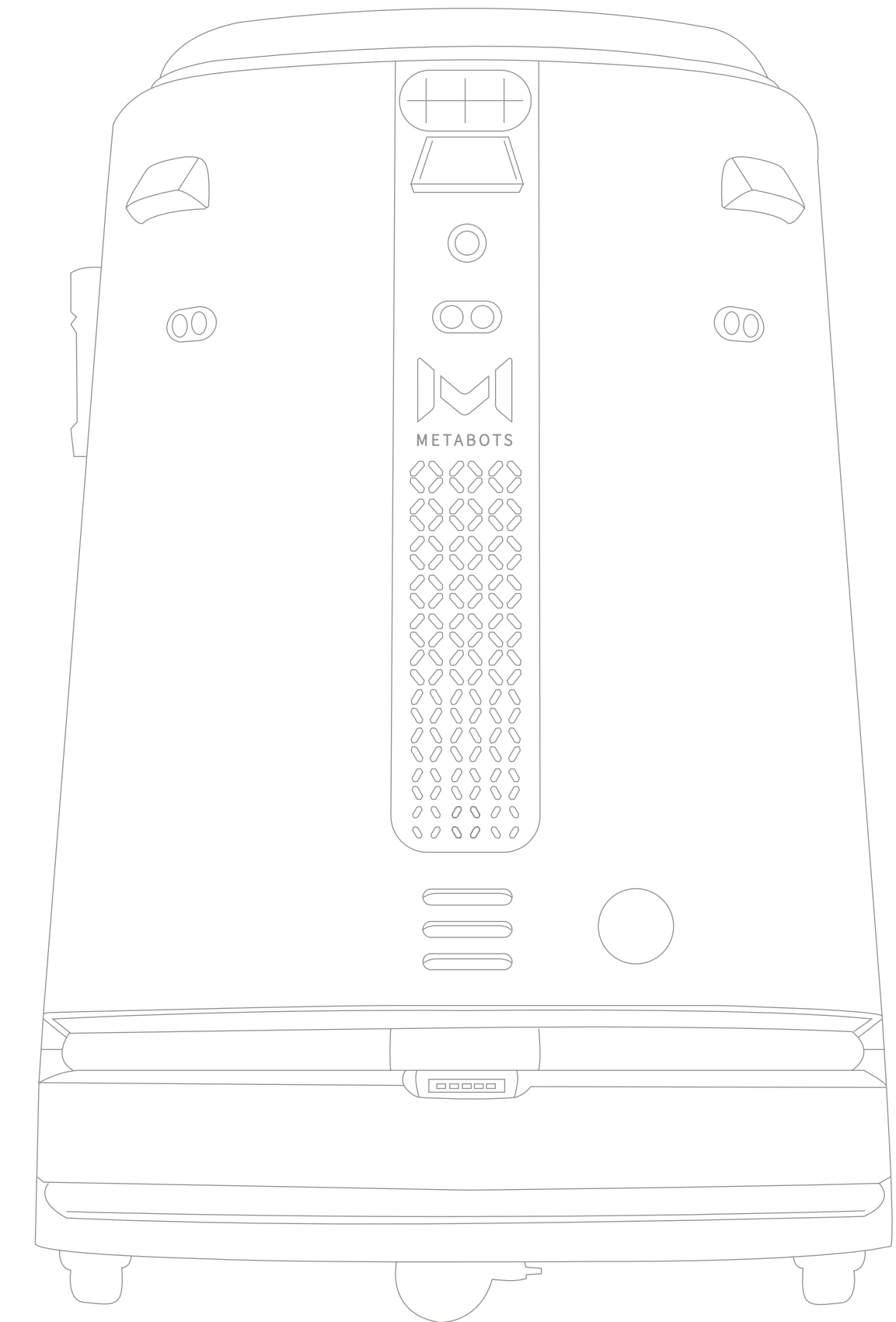
Rear view

Technical specification



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Cleaning width	600mm
Cleaning efficiency	2,100m ² / hour
Brush rotation speed	180rpm
Cleaning pressure	25kg
Water Recycling	Yes
Clean water tank	50L (3-stage filtration)
Recovery tank	50L
Scrubbing operations	Up to 4 hours
Dustmop operations	Up to 12 hours
Charging time	4 hour
Max. operational speed	1m/s
Sensors	2D Lidar (x1), 3D Camera (x4). Front Security Camera (x1), Ultrasonic Sensors (x5). Electornic Bumper (x1)
Noise	70dBA
Weight	200kg
Dimensions (L x W x H)	810 x 784 x 1115mm



User interface



Built in tablet interface

The Meta-Scrub 60 can also be operated remotely via laptop and tablet.



Multi-platform interface: Using mirror technology

The Meta-Scrub 60 can be operated via the robot tablet panel, mobile / tablet app or via desktop. And, can be controlled via short-range or long-range connection.

Simple, fast maintenance



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Built in tablet interface

Can also be operated remotely via laptop and tablet.

Auto-dumping of water tank

with a single button.

Removable front bumper

for easy brush replacement.

Replaceable battery

for extended operation time.

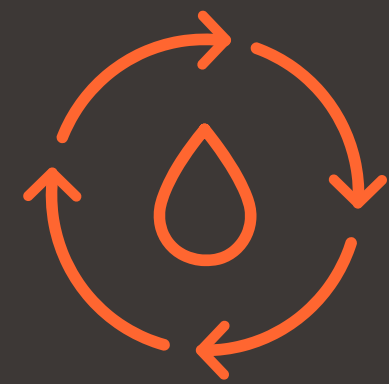


Integrated charging station



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To maximise autonomy, the optional docking station allows the unit to re-fill its water tank, drain and rinse the wastewater and recharge its battery with no intervention.



Auto-dumping
& water refills



Scrubbing
(4 hours)



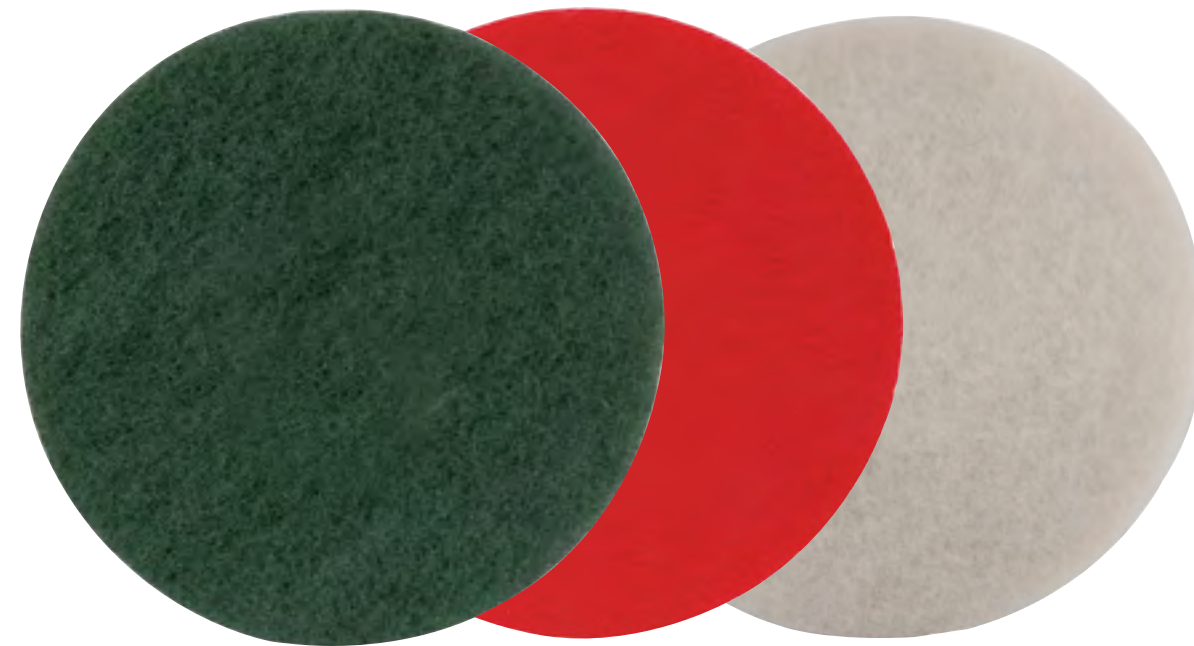
Mopping
(12 hours)



Accessories

We supply a range of accessories for the Meta-Scrub 60 from our professional range of cleaning equipment.

Standard speed floor pads 7.5"



Drive board



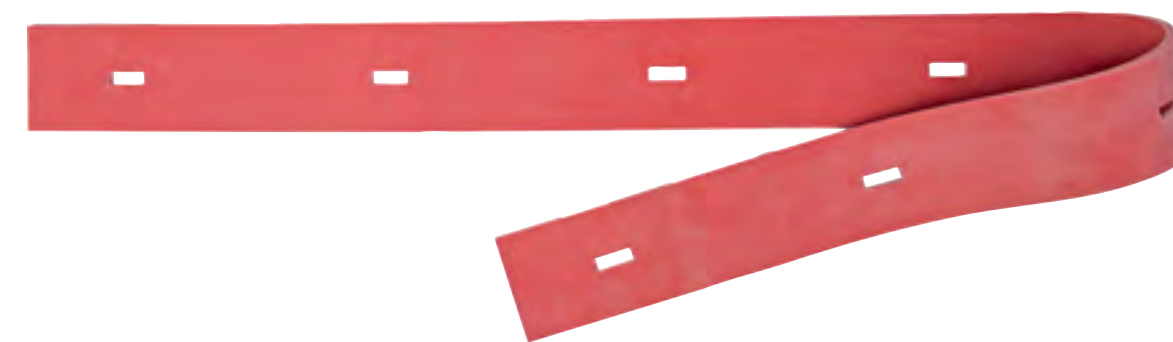
Scrubbing brushes



Microfibre pad



Squeegee



Sustainability



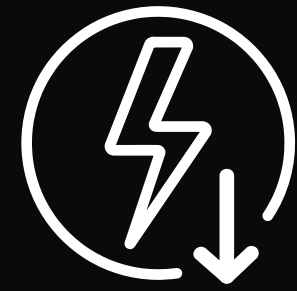
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The world of cleaning can be sustainable...

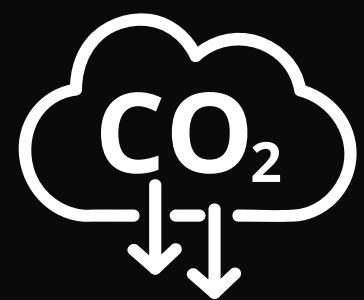
Metabots



Uses less water than traditional mopping



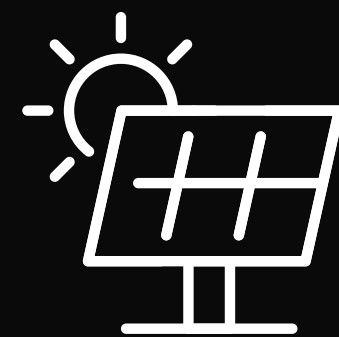
low power charge of 35p per hour



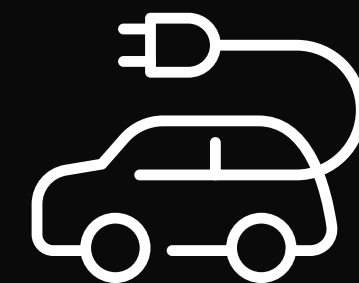
2045
net zero neutral



20%
reduction in production waste



50%
of electricity from solar technology



25%
reduction of carbon emissions



20%
of virgin plastic to recycled plastic

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Pricing

There are three ways to purchase the Meta-Scrub 60.

Firstly, the Meta-Scrub 60 can be bought outright, along with a monthly service plan.

Secondly, we offer two rental packages - either 3-year or 5-year. These packages, which include the robot and service, give you all the benefits of the Meta-Scrub 60 for an affordable monthly payment.

There is also the option of the Integrated Charging Station or Standard Charging Station.

	Outright Purchase Price		3Y rental & service plan (monthly)	5Y rental & service plan (monthly)
	Purchase	1Y service (monthly)	Total/month	Total/month
Meta-Scrub 60	£27,000	£225	£1,083.06	£799.20
Integrated Charging Station	£4,000	£13	£142.76	£100.24
Standard Charging Station	£360	£5	£16.68	£14.67



Service proposition

Partnering with Veritek, the UK's leading engineering service provider, we have over 50 engineers on the road up and down the country at your disposal for servicing and repairs. We use our own in-house and experienced customer service team at Robert Scott to manage all service requests, so you know you're in safe hands.

About Veritek Global Ltd

Veritek Global Ltd is headquartered in Sussex and provides European-wide after-sales service partnerships that help OEMs scale after-sales service operations and enhance customers' experience. Services include maintenance, repair, and recycling. Sectors Veritek supports include medical, ophthalmic, digital cinema, photo imaging and print and graphics. For more information, visit www.veritekglobal.com.



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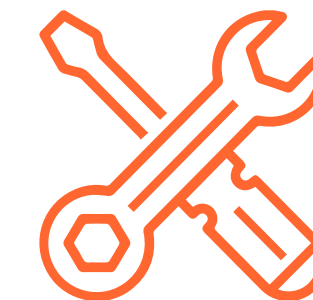
Customer services

Technical support helpline, job logging, management & reporting.



Remote support

OEM-trained engineers. Installations, onsite break/fix, preventative maintenance, equipment moves, upgrades and more.



Onsite field services

OEM-trained engineers. Installations, onsite break/fix, preventative maintenance, equipment moves, upgrades and more.



Repair centre support

Fully equipped repair centres strategically located across Europe. Bench repairs, back to base repairs, swap service, pre-staging, commissioning.

Thank you



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We would be delighted to have the opportunity to show the Meta-Scrub 60 to you.

We would demonstrate how cobotics cleaning works, how it can enhance your cleaning regime and, at the same time, offer value for money.

If you would like to arrange a demonstration please get contact Kristal Goodwin, national sales manager, Cobotics division, on **07967 836529** and **kristal.goodwin@robert-scott.co.uk**

