TECHNICAL SPECIFICATIONS

BRUSH SYSTEM

Type:	Cylindrical or Disc
Cylindrical	
Sizes:	24 in. 32 in.
24 in. pressure:	60-90 lb.
32 in. pressure:	70-100 lb.

Disc

Sizes:	26 in.
26 in. pressure:	90-180 lb.

TANKS

Solution tank:	32 gal/120L
Recovery tank:	33 gal/124L

BATTERY SYSTEM

Details:	36 V - 260 Ah
Running Time:	Up to 4 hours
Chemistry:	Lead acid

MACHINE SPECS

Dimensions:	4.7 x 2 x 3.9 ft (L x W x H)

Weight

full:	1050 lbs
with batteries:	790 lbs
empty:	350 lbs

CONNECTIVITY

WIFI:	802.11 b/g/n
Cellular:	4G+GPS

SAFETY

E-stop button
E-Stop bumpers
Warning lights
3D obstacle avoidance

USER INTERFACE

Onboard LCD Screen:	Intuitive and easy to use touchscreen UI

ENVIRONMENTAL

Sound Level:	72 dBA

CLEANING CONTRACTORS AND FLEET OPERATORS

We offer specialized resources, maintenance training and spare parts for cleaning contractors and fleet owners and operators. We welcome enquiries about how your company can benefit from partnering with Avidbots to bring this next generation cleaning technology to your business and your end customers.

Neo is ideally suited for hospitals, malls, hotels, schools and universities

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AVIDBOTS

NEO™

Next Generation Floor Scrubbing

Powered By
AVIDBOTS

WELCOME TO NEO

THE NEW STANDARD IN AUTOMATED FLOOR SCRUBBING TECHNOLOGY.

Powered by Avidbots, Neo is our latest generation robotic floor scrubber, created to be the new industry standard. Neo has been engineered from the ground up to be the highest in quality, with superior technology and software, reliability and serviceability.

- Neo will take the difficult task of scrubbing floors and free your cleaning staff to concentrate on more valuable tasks. Neo will reduce fatigue, errors and repetitive strain injuries for your cleaning staff.
- Neo cleans better and more consistently than humans. Being an automated robot, it is well suited to maximum uptime and repeatability.
- Neo is designed to operate without much human intervention. A simple start command and it does the rest, operating independently. But when needed it can operate in a manual mode for quick cleans or entire cleaning operations. Neo cleans better and more consistently with a speed of up to 1.2m/s

INTELLIGENT BY DESIGN

Neo's simple setup and intuitive operator interface makes it ready to run without special training, or programming, just a simple mapping and file loading and you are ready to clean. Neo automatically detects route changes and dynamically updates its map.

SERVICE & SUPPORT

Our service and support professionals are focused on your uptime, wear parts and spare parts requirements. Each unit's integrated reporting can detect problems before they start, whether you have one Neo or a fleet.

INTEGRATED TECHNOLOGY

Neo is equipped with a wide variety of state-of-the-art technologies: Wi-Fi, 4G, GPS, laser and 3-D cameras. Neo is programmed for accuracy and can clean within inches of walls and other obstructions

ANALYTICS AND REPORTING

Using our proprietary monitoring and web-based dashboard interface, Neo, or your entire feet, can be monitored remotely in real time with highly detailed reports of every night cleaning including productivity and coverage maps.

BUILT FOR LONGEVITY

Neo is not just smart. Beyond its technology is its rugged and robust construction. Featuring a clean and recovery tanks, industrial strength batteries that operate up to 4.5 hours without recharge. Neo uses only the highest quality industry motors and actuators from top suppliers ensuring long life.

SAFE AND QUIET

Neo is safe and quiet to work with. With integrated collision avoidance technology, using 3-D cameras and laser technology, it recognizes and works around obstructions. Safety features include a noise rating of 72 db, e-stop buttons, bumpers, integrated warning lights.

AUTONOMOUS AND MANUAL OPERATIONS

Neo's operator interface allows it to be switched into manual mode with a simple command. Once the manual cleaning is completed, it is easily switched back into automated floor scrubbing mode.