



Big LX[®]

Autonomous Cleaning Equipment

No Subscriptions



Run Entire Shift with No Human Intervention!

Auto:



Dock



SOUTHERN

SWEEPERS & SCRUBBERS, INC.

Ai-32



Clean 13+ Hours A Day



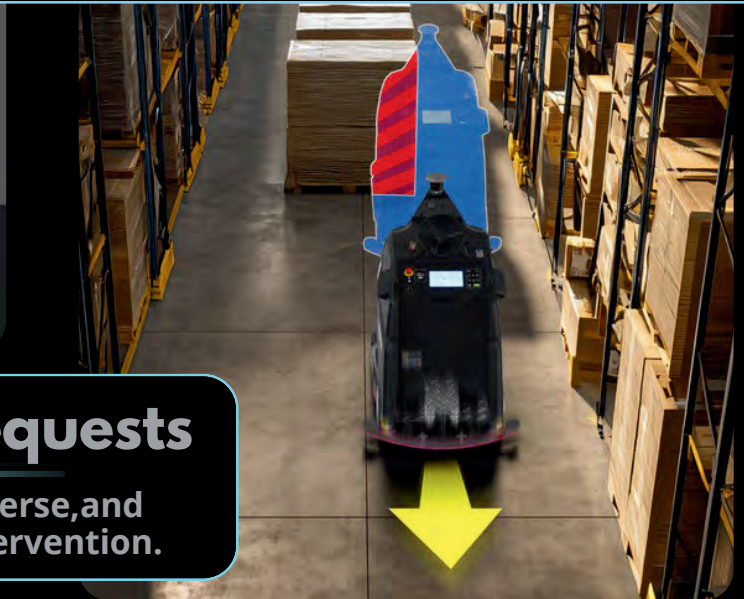
Machine Specifications

- Cleaning Path: 32in
- Size (L×W×H): 64.2 × 43.3 × 57 in
- Weight: 992 lb
- Max Operating Time: 13+ Hrs / Day*
- Solution Tank: 40 gal
- Recovery Tank: 50 gal

* 60% utilization w/ Dock Station 220 VAC

Climbs Ramps Easily

- Rear Wheel Drive for better traction



Fewer “Help Me...” Requests

- Ai-32's Pathwill recalculateroutes,reverse,and continue cleaning without human intervention.

Applications



Warehouses



Staging Area



Lights Out

Under The Hood

Powerful Cylindrical Deck



Cylindrical Benefits

- Reduces Pre-Sweeping needs
- Scrub & Sweep Simultaneously



Auto Self Docking

- Permits handsofflightsout autonomy

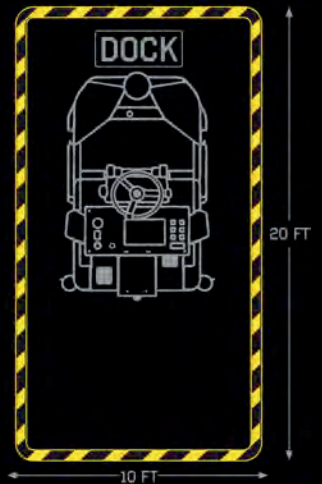
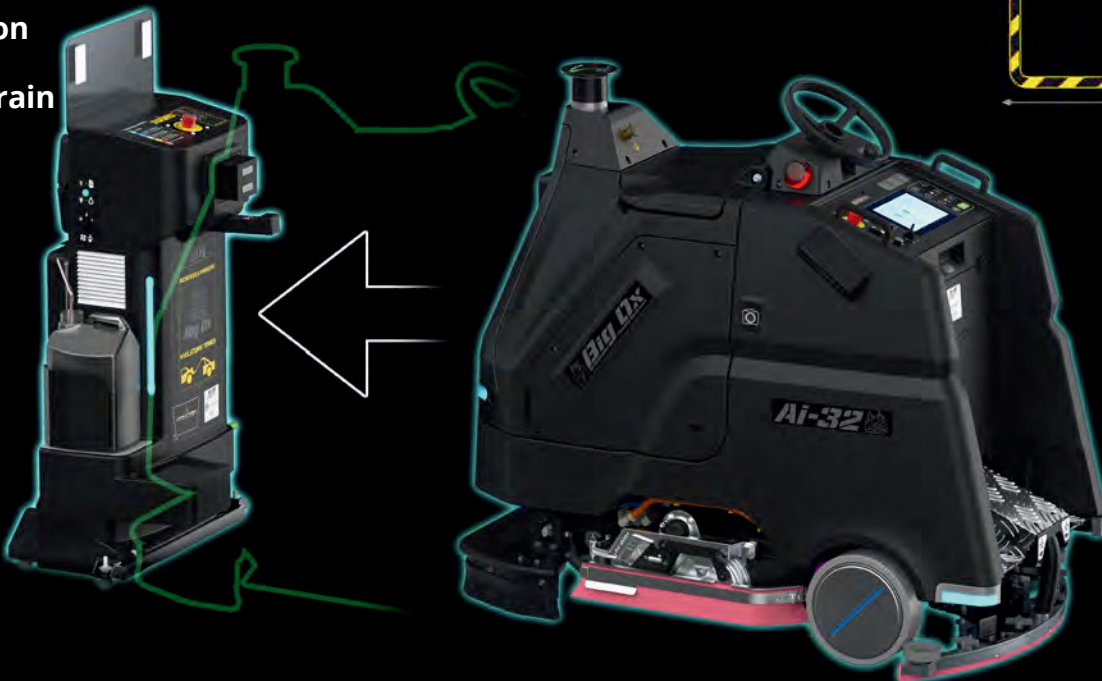
5 Layers of redundant safety for solution filling.
Level Gauge, Float Switch, Timer, Bypass, Auto Close Valve.

Safe Charge

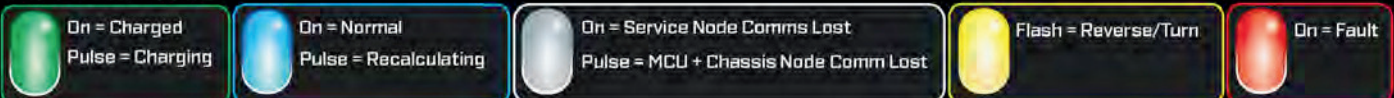
Fresh Water

Soap Dilution

Recovery Drain



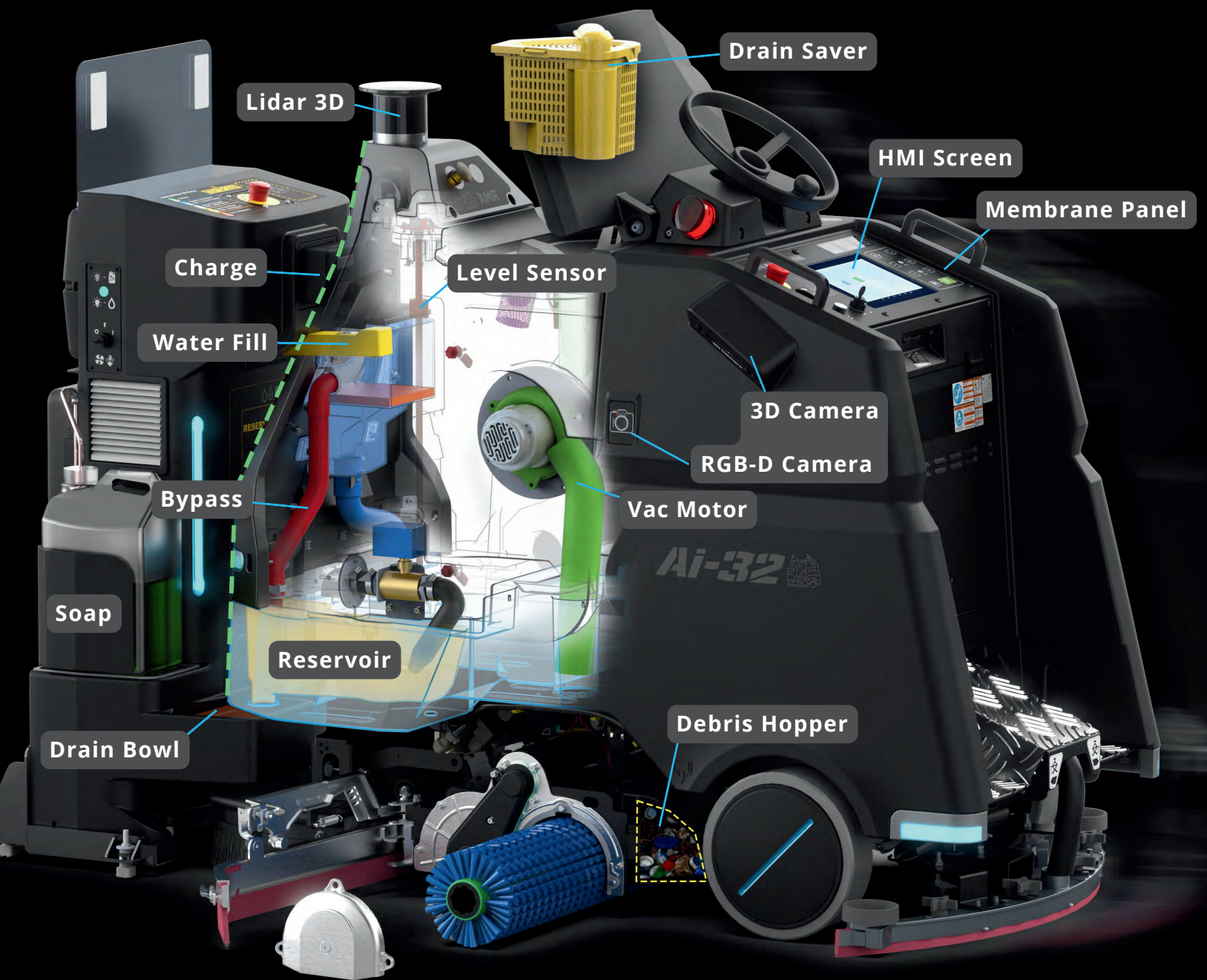
Scrubber LED Status



Automatic Docking

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Under The Hood

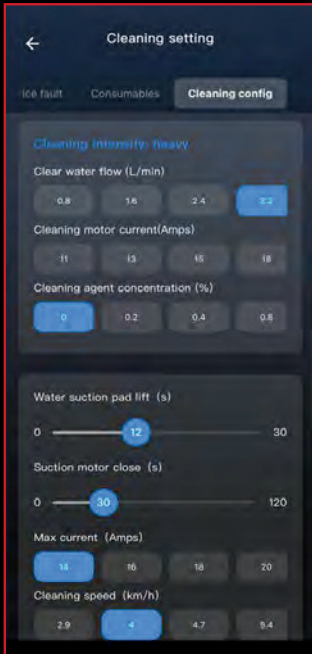


Smart Cleaning

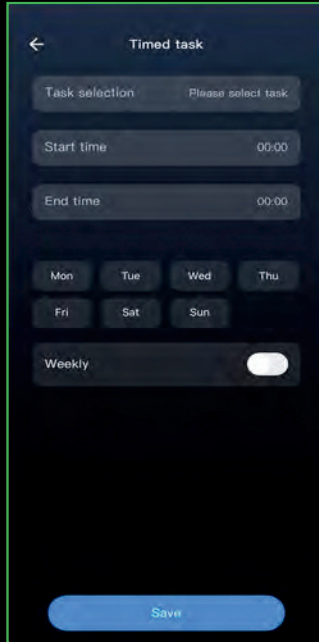


Convenient Phone App - Manage Fleet from your pocket

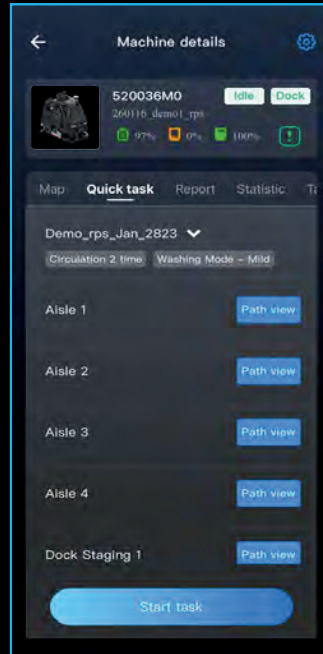
Performance



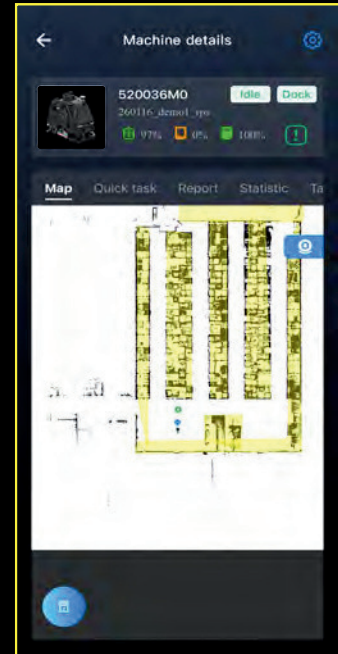
Schedule



Task Edits



Live Tracking



< Aisle Patterns

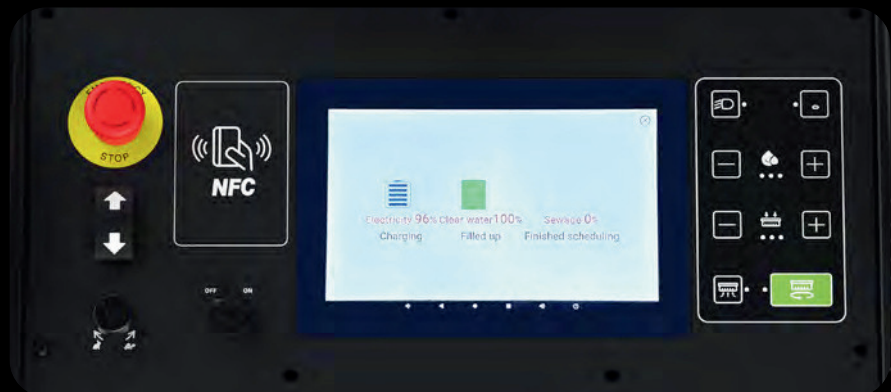
Ai Software learning improves coverage with limited turns, developing more efficient paths for the Ai-32.

Lidar, Cameras, Action!

Powerful On-Board Controller

-Touch Screen for set up HMI

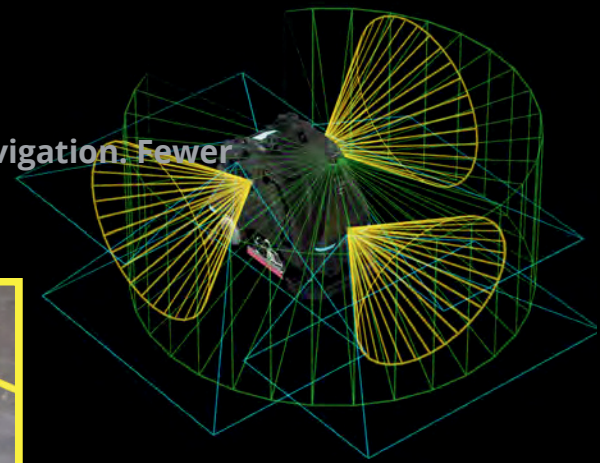
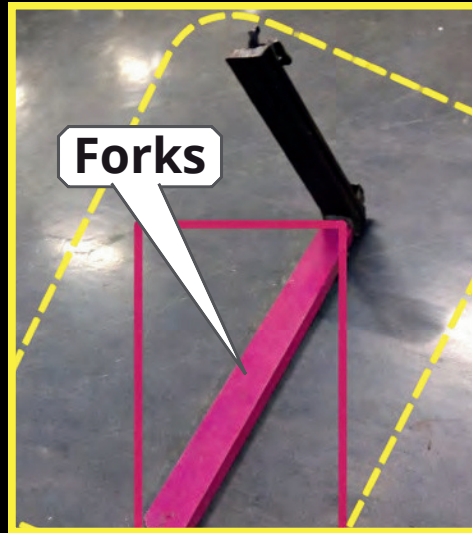
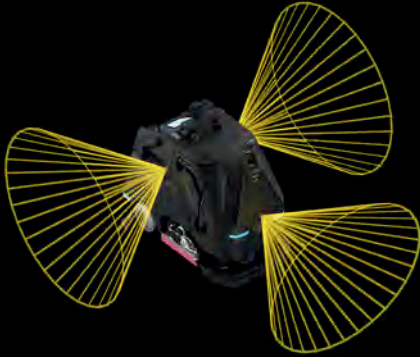
-Simple Membrane Panel for manual control.



Layered Array of Sensors

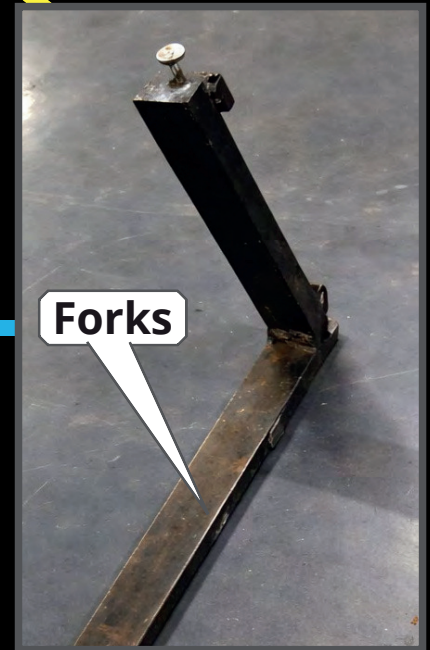
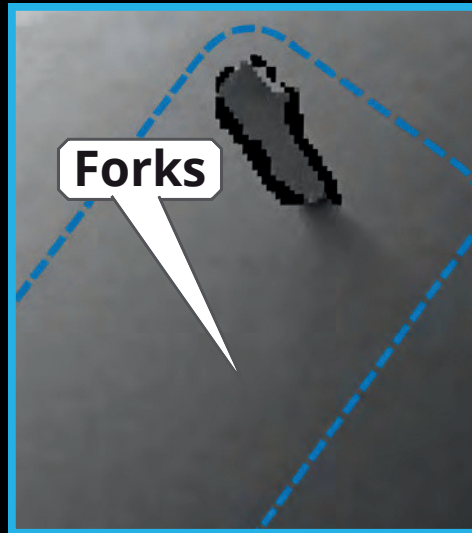
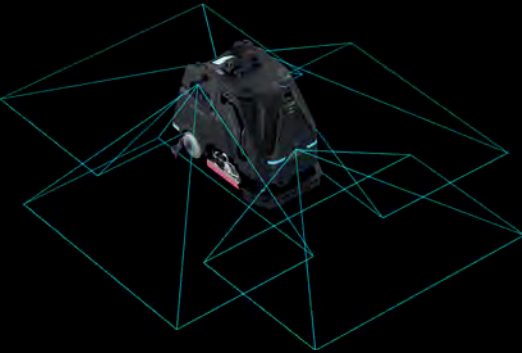
Ensure better coverage and object recognition for superior navigation. Fewer interruptions allow more cleaning per hour.

RGB-D Camera (3) image

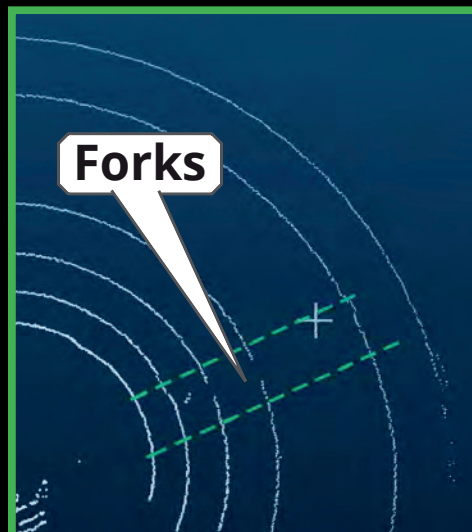
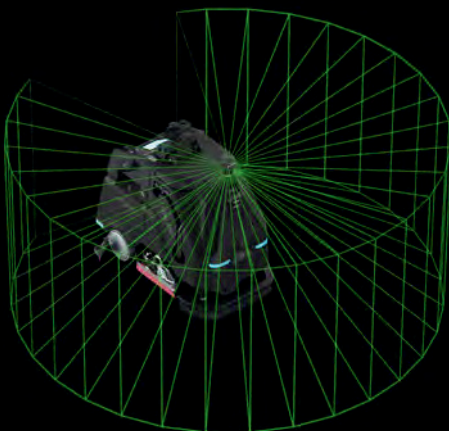


Actual Fork

3D Camera (4) image



3D Lidar image



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Ai-32 

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