



LIONSBOT

# RS TURNS ANYWHERE, CLEANS EVERYWHERE

AI-Native Autonomous Scrubber Robot



Best-in-Class Cleaning Power for Its Size



360° Turn-in-Place Mobility



AI-Native Intelligence



Certified for Data Privacy  
and Sustainability



# NIMBLE. POWERFUL. INTELLIGENT.

## The Direct Walk-Behind Scrubber Replacement

Everything your walk-behind scrubber does — same cleaning power, same footprint — so your team can cover more ground without the physical strain.

### 50 L

SOLUTION TANK CAPACITY



### 4h 20mins

MAX RUNTIME (STANDARD)

### 5,000 m<sup>2</sup>

MAX 53,820 FT<sup>2</sup> PER CHARGE

## Walk-Behind vs R5

	 WALK-BEHIND SCRUBBER	 LIONSBOT R5
<b>Solution tank capacity</b>	50 L	50 L ✓
<b>Brush system</b>	Single brush, interchangeable pads	Triple-brush, interchangeable pads ✓
<b>Brush downward force</b>	~20–25 kg	Up to 29 kg ✓
<b>Coverage per charge</b>	Up to 3,500 m <sup>2</sup> / ~37,700 ft <sup>2</sup>	Up to 5,000 m <sup>2</sup> / ~53,820 ft <sup>2</sup> ✓
<b>Max runtime</b>	~3 hours	>4 hours ✓
<b>Operator required</b>	Yes	No — runs autonomously ✓
<b>Machines per operator</b>	1	> 1 ✓
<b>Physical strain</b>	High — manual operation	None ✓
<b>Consistency of clean</b>	Varies by operator	Consistent every run ✓



# AI-Native Intelligence

Anyone can deploy it, no technical expertise needed.  
Intuitive intelligence built for real-world cleaning.

## 360° TURN IN PLACE MOBILITY Engineered To Never Get Stuck

Turns on the spot to navigate dead-end corners and complex layouts – built to handle dynamic floor plans.



## AI ADAPTIVEMAP Smarter Every Shift

The R5 continuously learns your space and adapts from each cleaning run to navigate and clean more efficiently.



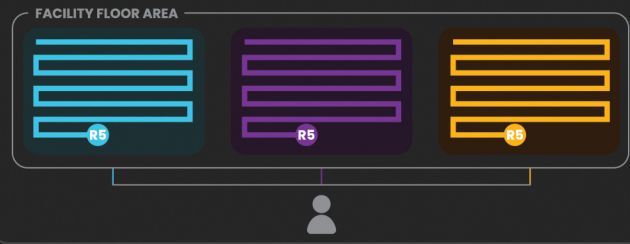
## AI NAVSENSE Minimal Supervision Required

Spots obstacles, finds the best way around, and gets back on track on its own – so your team can focus on other cleaning tasks.



## TEAMWORK Multiply Your Floor Coverage

Multiple R5s work in sync, intelligently dividing the floor area to maximise efficiency and clean large environments faster – all managed by a single operator.



## Reliable, Day After Day



>5000

ROBOTS DEPLOYED WORLDWIDE

>40

COUNTRIES

## Global Quality, Data & Sustainability

Certified across data protection, privacy, and sustainability.

LionsBot meets GDPR, SOC, SOC 3, ISO 9001, ISO 14001, and ISO 45001 standards – and is recognised by Ecovadis and EPD for its commitment to environmental responsibility.



# PERFORMANCE BY THE NUMBERS

## R5 Technical Specifications

### PHYSICAL DIMENSIONS

DIMENSIONS (L X W X H)  
**690 x 690 x 1125 mm**  
27.17 x 27.17 x 44.29 in

WEIGHT  
**200 kg**  
440.92 lbs

TANK CAPACITY  
**Solution 50 L / Recovery 40 L**  
13.2 gal / 10.56 gal

CLEANING WIDTH  
**520 mm**  
20.5 in

SQUEEGEE WIDTH  
**680 mm**  
26.77 in

DEBRIS FILTER CAPACITY  
**1.25 L**  
0.33 gal

### CLEANING PERFORMANCE

CLEANING PRESSURE  
**Up to 34 g/cm<sup>2</sup>**

BRUSH DOWNWARD FORCE  
**Up to 29 kg**  
63.9 lb

MAX. CLEANING SPEED  
**1.1 m/s**  
2.4 mph

AVG. CLEANING EFFICIENCY  
**1,300 m<sup>2</sup>/hour**  
14,000 ft<sup>2</sup>/hour

MAX. CLEANING EFFICIENCY  
**Up to 2,059 m<sup>2</sup>/hour**  
22,163 ft<sup>2</sup>/hour

MAX. RUN TIME  
**Up to 4h 20mins**

MAX. COVERAGE PER CHARGE  
**Up to 5,000 m<sup>2</sup>**  
~53,820 ft<sup>2</sup>

CHARGING TIME  
**3.5 hours**

### SOUND & ENVIRONMENT

AVG. SOUND LEVEL  
**70 dB**

FLOOR TYPE  
**Hard flooring**

### NAVIGATION

- 3D LiDAR
- 2 Depth Cameras
- 3 RGB Cameras
- 2 2D LiDARs
- 4 Sonars
- 2 ToF Sensors

### ACCESSORIES

- Brush Pads
- MagicTag™
- Primothane / Linatex Squeegee Blades
- Charging Station
- H13 Hepa Filter
- Refuel Station