

**sliQue**<sup>TM</sup>

EMPOWERING HUMANITY THROUGH ROBOTICS



ROSI SCRUB

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## SMART AND FLEXIBLE

### Unprecedented Efficiency and Flexibility

ROSI SCRUB offers the most diversified path-planning modes to deliver the highest degree of flexibility in cleaning customization. Its groundbreaking Auto-Spot Cleaning mode allows it to detect and remove the stains right off before they're spread all over the floor and brings up to 4X more efficiency improvement by cleaning only when necessary.

- Groundbreaking Auto-Spot Cleaning
- Upto 16,000 sq meters per hour in cleaning efficiency

## EFFORTLESS CLEANING

### Simplify your work process

ROSI SCRUB will make cleaning much easier with little need for human interference. It perceives environmental changes, updates the map, and reroutes itself in real time - you don't need to stand by to save it from getting lost or stuck. With the optional workstation, the robot can perform automatic power charging and water refill by itself. It also offers remote access via the ROSI mobile app that enables you to monitor and control your cleaning task from anywhere.

- Smart obstacle avoidance and rerouting
- Remote-control mobile app
- One-stop service workstation

## BUILT TO LAST

### Meet your Sustainability Goals

ROSI SCRUB is made of enduring, easy-to-recycle materials. It adopts LFP batteries with a long lifespan of 2000 cycles. Equipped with a water recycling filtration system, ROSI SCRUB reduces around 80% of freshwater usage. The Auto-Spot cleaning mode also ensures the most efficient operation path to curtail water and energy consumption.

- Durable LFP batteries of 2,000 cycles
- Built-in water-saving filtration system



## KEY FEATURES

### 3-in-1 Cleaning

Integrating sweeping, scrubbing & dust mopping

### Ergonomic Manual Mode

Easy manual operation effortlessly walking and steering the machine with ergonomic handle.

### 5-Stage Filtration System

Recycling water and reducing upto 80% of freshwater consumption

### Superb Productivity

Upto 16,000 sq ft per hour cleaning efficiency with disc brush and 27,000 sq ft per hour with the roller brush

### Minimal Human Intervention

Optional workstation for self-docking power charging, water refill and discharge.

### Auto Spot Cleaning

Scanning the cleanliness of the nearby floor and autonomously performing spot cleaning where waste or stains are detected, bring up to 4X efficiency improvement and significantly reducing energy consumption.

## Superb performance for a broad range of applications



<b>DIMENSIONS</b>	<b>DISC   ROLLER BRUSH</b>	<b>ELECTRICAL</b>	<b>DISC   ROLLER BRUSH</b>
<b>LENGTH</b>	31.9"	<b>BATTERY TYPE</b>	Lithium Iron Phosphate
<b>WIDTH</b>	27"	<b>BATTERY CAPACITY</b>	60 Ah
<b>HEIGHT</b>	42.1"	<b>RATED VOLTAGE</b>	24 VDC
<b>WEIGHT</b>	326 lbs   284 lbs	<b>CHARGE TIME</b>	~ 2.0 hours
<b>BRUSH WIDTH</b>	20"   18"	<b>RUNTIME</b>	~ 6-8 hours
<b>SQUEEGEE WIDTH</b>	27.6"	<b>MOVEMENT</b>	<b>DISC   ROLLER BRUSH</b>
<b>CLEANING WIDTH</b>	18.1"   16" 30.7" w/ side brushes	<b>GRADEABILITY</b>	4.6"
<b>MAX PRODUCTIVITY</b>	12,000-14,000 sq ft/h - DISC 15,000-18000 sq ft/h - ROLLER	<b>MAX SPEED</b>	2 MPH
<b>CLEAN WATER TANK</b>	7.9 gal	<b>MIN DISTANCE FROM WALL</b>	1.6"   0" w/ side brushes
<b>RECOVERED WATER TANK</b>	6.3 gal	<b>MIN PASSABLE WIDTH</b>	35.4"
<b>CLEANING WIDTH</b>	18.1   16"   30.7" w/ side brushes	<b>MIN TURN-AROUND WIDTH</b>	47"
<b>SENSING</b>	2D LiDAR, 3D Depth Camera, RGB Camera, Anti-Collision Sensor, etc.		

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