COBotics
BY BISHOP CLEAN CARE

S50

Sustainable Robotic Floor Scrubber for Medium to Large Spaces

Consistent, reliable cleaning — powered by autonomous innovation.

18” cleaning width

area performance up to **16,000 ft²/hr**

5 stage filtration system

8h battery life

Product Highlights

- **Sustainable Cleaning –** Innovative 5-stage filtration system recycles water and reduces water use by up to 75%
- **Powerful Cleaning –** Designed for med-sized facilities, delivering strong scrubbing power and high productivity
- **Automated Efficiency –** Automated charging and refill options extend continuous operation
- **Advanced Navigation –** Easy mapping and handles complex layouts with consistent, dependable coverage
- **Smart Management –** Cloud-based dashboards deliver data-rich insights and fleet analytics for daily operations

Specifications

Size	32"x27"x42"
Weight	330 lbs
Charge Time	1.5 hrs
Run Time	3-8 hrs
Suction Power	18 kPa
Cleaning Productivity	14,000-16,000 ft²/hr
Tank Capacity	6.3 gal- clean 4.8 gal- recovery
Cleaning Width	18"

Technology

- AI-powered SLAM navigation
- LiDAR + Visual SLAM fusion for precise mapping
- 3D ToF sensor for depth and obstacle detection
- Ultrasonic sensors for real-time avoidance
- Dual cameras with AI environment recognition
- Cloud-based dashboard with fleet analytics

Cleaning Capabilities

- 5-stage filtration water recycling system
- Strong scrubbing pressure for deep cleaning
- Wide cleaning path with edge-to-edge coverage
- Multiple modes: scheduled, spot, zone
- Self-monitoring & alerts

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