

R1 Pro

R1 Rugged Series

PRODUCT OVERVIEW

Rugged autonomous cleaning for production aisles, workshops and mixed-use technical floors.



KEY DATA

<div>DIMENSIONS</div> <div>460 x 460 x 126 mm</div>	<div>SUCTION</div> <div>16,000 Pa</div>	<div>BATTERY</div> <div>10,000 mAh</div>
<div>DAILY AREA</div> <div>Up to 2,400 sqm</div>	<div>DOCK</div> <div>8 L commercial</div>	<div>NAVIGATION</div> <div>LiDAR + 3D</div>
<div>OPERATING</div> <div>Scheduled industrial</div>		

Full product page: <https://xftech.com/products-r1-pro.html>

TECHNICAL DATA

DIMENSIONS	460 x 460 x 126 mm
SUCTION	16,000 Pa
BATTERY	10,000 mAh
DAILY AREA	Up to 2,400 sqm
DOCK	8 L commercial
NAVIGATION	LiDAR + 3D
OPERATING	Scheduled industrial

APPLICATIONS

01

Production aisles

Repeatable cleaning routes around fixed equipment and defined walkways.

02

Technical workshops

Daily dust and debris pickup in mixed-use service areas.

03

After-hours facilities

Scheduled coverage when forklifts and production teams are less active.

OPERATING WORKFLOW

01

Survey

Review aisle width, obstacles, dock access and shift windows.

02

Map

Create production routes and restricted equipment zones.

03

Clean

Run scheduled passes with obstacle recovery and edge coverage.

04

Review

Check route exceptions, debris level and dock cycle status.

BEFORE DEPLOYMENT

Confirm floor type, thresholds, dock access, network coverage and local requirements.
Values are indicative and may vary with firmware, accessories, surface and operating mode.