LIONSBOT

REX

R12 Rex Scrub

R12 Rex CS

WB FLOOR MACHINES

SALES · SERVICE · HIRE

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R12 REX SCRUB AT A GLANCE.

Two highly-efficient 16” class-leading brushes, producing up to 80kg of unadulterated scrubbing power is distributed over a larger surface area, maximising its cleaning speed and efficacy to deliver dramatic results in just one pass — for up to 6 hours continuously. It’s time to make way for the King of Cleans.

UP TO 6hrs
RUNNING TIME

78cm
CLEANING WIDTH

UP TO 80kg
BRUSH PRESSURE

Watch The Product Film.

Scan Me

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UP TO 6 HOURS RUN TIME.

While competitor robots only run for 4-6 hours, the R12 Rex Scrub can clean up to 6 hours on a single charge.

TWO 140L TANKS.

Get more cleaning done out of every charge — with two huge 140L clean water and recovery tanks.

CHEMICAL DOSING.

Every R12 Rex has a defoaming chemical dousing system that allows it to accurately control the ratio of chemicals to water, delivering the optimum amount to every clean — and netting long-term savings.

78CM CLEANING WIDTH.

Two 40cm brushes with a total coverage of 78cm — exceptional for its class — to clean more, and clean faster.

UP TO 80KG BRUSH PRESSURE.

Even the toughest of stains are no match for the R12 Rex Scrub.

R12 REX CS
AT A GLANCE.

Designed for high performance and convenience, the **R12 Rex CS** cleans large areas while picking up debris with twin cylindrical brushes and side brushes — no more pre-sweeping needed.

UP TO 4.5hrs RUNNING TIME

127cm CLEANING WIDTH

UP TO 95kg BRUSH PRESSURE

Watch The Product Film.

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UP TO 95KG DOWNWARD PRESSURE.

Ensures that your floors receive better cleaning.

NYLON CARBIDE-COATED CYLINDRICAL BRUSHES.

Durable and sweeps up debris effectively without interruption.

127CM CLEANING WIDTH.

A large cleaning coverage with twin 77cm cylindrical brushes and side brushes.

9.5L DEBRIS TRAY.

Convenient and built with HDPE, ensuring that it's easy to clean and non-corrosive.

UNPARALLELED HIGH PERFORMANCE.

Impressive downward pressure and no pre-sweeping needed.

NON-STOP CLEANING, AUTONOMOUS DOCKING.

With powerful, easily swappable batteries and optional refuel station.

EASY TO USE, ALWAYS.

The R12 Rex maximises accessibility with multiple modes of use — giving users maximum flexibility in all cleaning situations.

AUTOMATIC MODE.

Hands-free autonomous cleaning and self-docking with just a few taps.

MANUAL MODE.

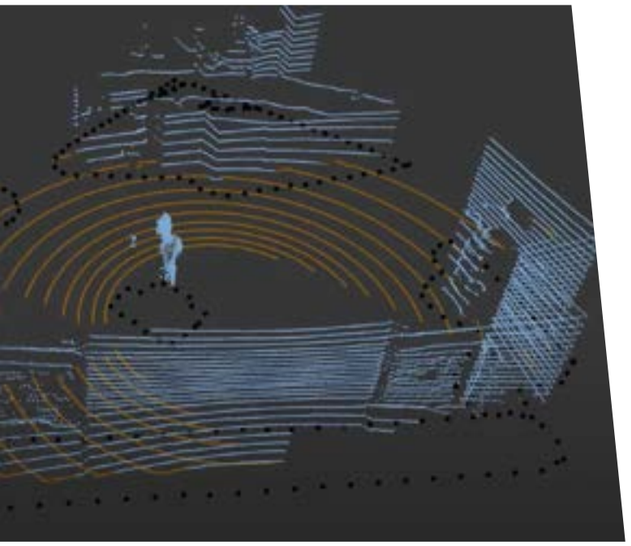
Intuitive handling makes hands-on control easy.

LIONSCLEAN APP.

Complete control in the palm of your hand—the LionsClean app is an easy, remote way to command your R12 Rex.

TOUCHSCREEN MODE.

The in-built touchscreen gives greater accessibility—no apps required.

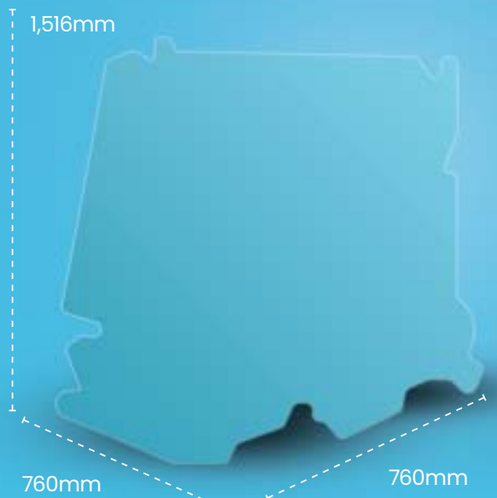


THE R12 REX SEES THE WORLD IN RICH 3D.

Its class-leading, comprehensive sensor network features a high-definition LiDAR with up to 200m diameter range, depth camera mesh, and sonar sensors. This means the R12 Rex is able to deliver autonomous cleaning a lot more accurately and effectively avoid dangers thanks to advanced active obstacle tracking.

R12 REX SCRUB VS COMPETITORS.

COMPETITION

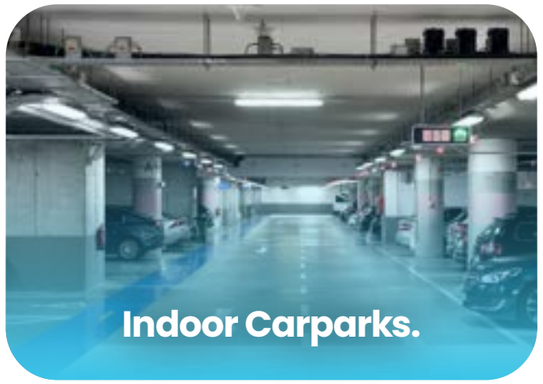


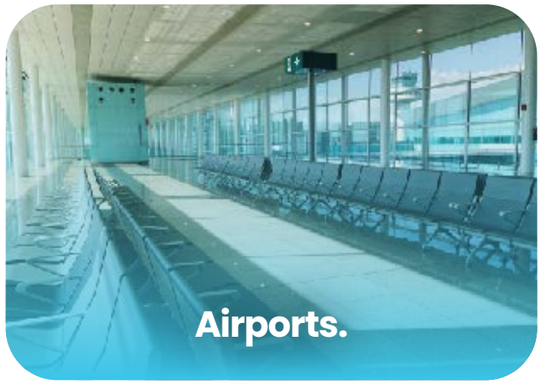
R12 REX SCRUB

COMPETITION		R12 REX SCRUB
109 L	R12 Rex carries 28% MORE water	140 L
66 cm	Its brushes are 22% BIGGER	81 cm
4 – 6 hrs	It has a LONGER runtime	Up to 5 – 6 hrs

WIDE APPLICATION.

- Moving Equiment
- Large Areas
- Tough Stains
- Changing Layout
- Debris On Floors
- Up to 95kg downward pressure





DESIGNED FOR SUSTAINABILITY.

Great efficiency makes for greener cleaners — and that extends to the R12 Rex as well! With a class-leading brush size and larger water and waste-water tanks, the R12 Rex delivers efficient cleaning — a pound-for-pound winner that both you and the planet will love.

2 YEARS OF ROBOT WATER CONSUMPTION IS DONATED WITH EVERY ROBOT SOLD.

101,920 LITRES / 26,924 GALLONS

One-off donation corresponding to R12 Rex water usage of 2 years (140 litres X 7 days of usage X 52 weeks per year).

AWARD-WINNING FUTURISTIC DESIGN

Recognised as a cleaning powerhouse — and what a cleaning machine should aspire to be. A winner of the Singapore Good Design Award 2022, the R12 Rex received praise for its class-leading, cutting-edge technology and qualities.

SINGAPORE GOOD DESIGN 2022

DETAILED SPECS.

	R12 REX SCRUB	R12 REX CS
LENGTH	1,675 mm/ 65.9”	1,715 mm / 67.5”
WIDTH	890 mm/ 34.3”	938 mm / 36.9”
HEIGHT	1,473 mm/ 57.9”	1,473 mm / 58”
CLEANING WIDTH	810 mm / 31.9”	780 mm / 30.7” (w/o side brushes) 1,270 mm / 50” (w/ side brushes)
SQUEEGEE WIDTH	950 mm / 37.4”	950 mm / 37.4”
ROBOT WEIGHT	550 kg / 1,212 lbs	585 kg / 1,290 lbs
CLEAN WATER TANK	140 L / 36.9 gal	140 L / 36.9 gal
WASTE WATER TANK	140 L / 36.9 gal	140 L / 36.9 gal
DEBRIS TRAY	-	9.5 L / 2.5 gal
MAX. CLEANING SPEED	1.4 m/s / 3.1 mph	1.4 m/s / 3.1 mph
AVG. PRACTICAL EFFICIENCY	1,700 - 2,500 m²/hr / 18,299 – 26,910 ft²/hr	2,700 - 4,000 m²/hr / 29,063 – 43,056 ft²/hr
MAX. THEORETICAL EFFICIENCY	4,032 m²/hr / 43,400 ft²/hr	6,400 m²/hr / 68,889 ft²/hr
MAX. RUNTIME	5 - 6 hrs	3.5 - 4.5 hrs
AVG. CHARGING TIME	8 - 10 hrs	8 - 10 hrs
AVG. SOUND LEVEL	75.1 dB	71 dB
CLEANING MECHANISM	2x disc brush or pads, squeegee	2x cylindrical brush, 1x debris hopper 2x side brushes, 1x squeegee

All specifications are accurate at the time of LionsBot’s testing. Actual performance may vary depending on environment, application and other factors.

ABOUT THE LIONSBOT JOURNEY.

Our guiding principles of designing robots that people love, while incorporating technology to uplift the lives of cleaners around the world has not changed in the years of our tremendous growth.

Built To Last, The R12 Rex Was Designed **With Top Quality Components.**

Energy Management System That **Surpasses Industry Standard.**

Global Ideas, **Made In Singapore.**

Designed For **Cleaners Everywhere.**

More Than 30 Countries, **Over 2,000 Robots.**

Eco-Friendly, **Sustainable Robots.**

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