



LIONSBOT

REX



R12 REX SCRUB AT A GLANCE.



Two highly-efficient 16" class-leading brushes, producing up to 176lbs 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. It's time to make way for the King of Cleans.

UP TO 6hrs **78cm** **UP TO 80kg**
RUNNING TIME CLEANING WIDTH BRUSH PRESSURE

Watch The
Product Film.



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 dosing 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 **127cm** **UP TO 95kg**
RUNNING TIME CLEANING WIDTH BRUSH PRESSURE

Watch The
Product Film.



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 plastic, ensuring that it's easy to clean and non-corrosive.



UNPARALLELED HIGH PERFORMANCE.

Impressive downward pressure and no pre-sweeping needed.



NON-STOP CLEANING.

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



AUTOMATIC MODE.

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



MANUAL MODE.

Intuitive handling makes hands-on control easy.



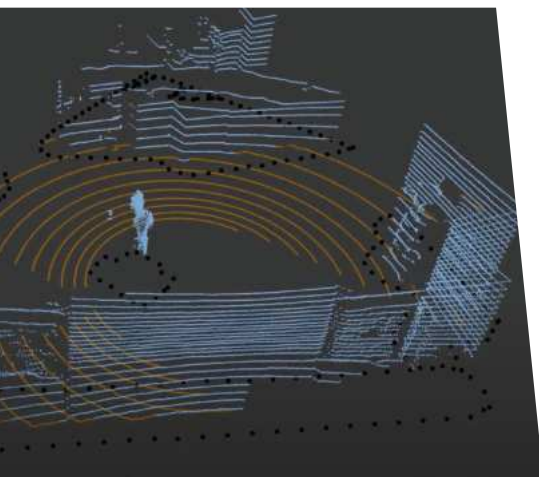
LIONSCLEAN APP.

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.

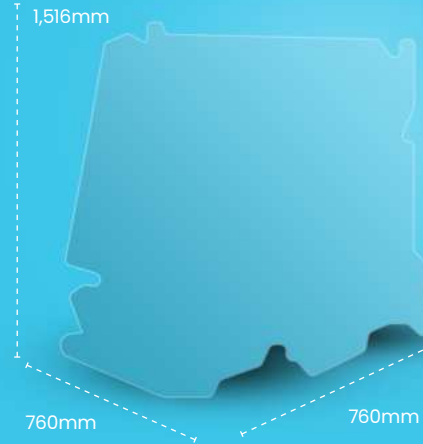


THE R12 REX SEES THE WORLD IN RICH 3D.

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

75 dB

And blends into the background

Avg. 75 dB

WIDE APPLICATION.



Moving Equipment



Large Areas



Tough Stains



Changing Layout



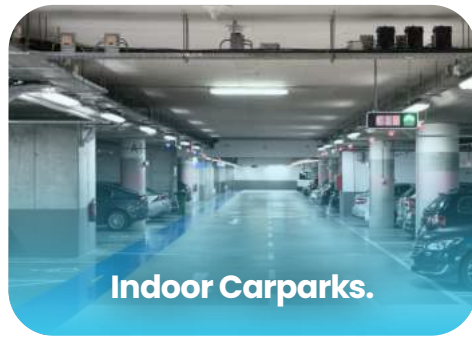
Debris On Floors



Up to 95kg
downward pressure



Industrial Buildings.



Indoor Carparks.



Distribution.



Airports.

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.



charity: water

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.



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 / 2.7 mph	1.4 m/s / 2.7 mph
AVG. PRACTICAL EFFICIENCY	1,700 - 2,500 m ² /hr / 18,299 - 26,910 ft ² /hr	2,700 - 4,000 m ² /hr / 29,063 - 43,056 ft ² /hr
MAX. THEORETICAL EFFICIENCY	4,032 m ² /hr / 43,400 ft ² /hr	6,400 m ² /hr / 68,889 ft ² /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

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 1,700
Robots.



Eco-Friendly,
Sustainable
Robots.



LIONSBOT

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