

# R22 SERIES



**HILLYARD**  
The Cleaning Resource®

**TRIDENT®**

Better Built. Better Equipment.

# Better Built. Better Equipment.

Our Trident Brand of equipment starts from the ground up - at a place where intelligent design intersects with innovative technology and exceptional engineering to deliver superior cleaning equipment. Cleaning equipment that lowers your total cost of ownership, reduces your cost to clean and improves cleaning results. It's what you expect out of your equipment investment, and it's what we deliver. We're Hillyard, The Cleaning Resource, since 1907.



Intelligent  
Design



Exceptional  
Engineering



Innovative  
Technology

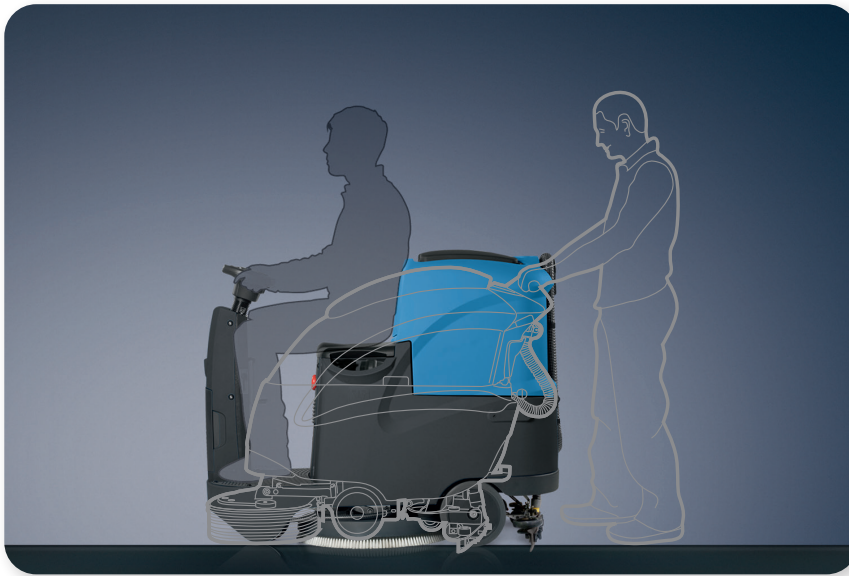






# Why Walk... When You Can Ride!

Double The Productivity Of A Walk-Behind Scrubber - In The Same Space!



Over  
32,000 Sq. Ft.  
Per Hour

R-22SC Ride-On

16,000 Sq. Ft.  
Per Hour

20 in. Walk-Behind

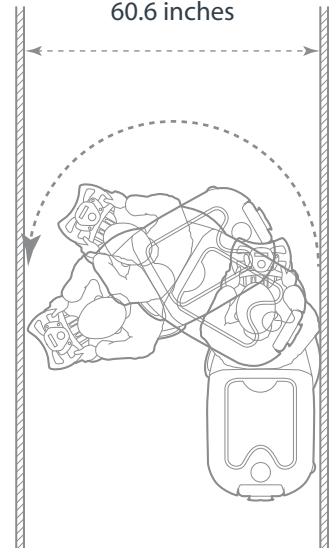
## Ease-Of-Use

### Yellow Color-Coded Parts

Parts that should be cleaned daily are color-coded in yellow. This saves time and makes sure your scrubber is kept in perfect condition at all times.

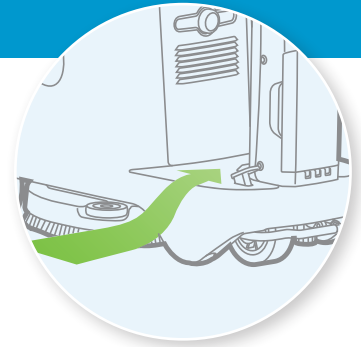


Minimum  
Aisle Turn  
60.6 inches



## Performance & Safety

Outstanding Traction, Maneuverability and Cleaning



### Eco Mode

The low sound level - 54 Db (A) - means the machine can be used anywhere, at any time, without disturbing the people nearby and safeguarding the operator's health. Eco Mode also saves energy.



The lowered footboard and access from both sides make it safer and more practical.



### Emergency Stop

By pressing a single button the machine stops immediately.

### Stability

Low center of gravity and excellent weight distribution ensures the utmost stability even on slopes.

### Speed Control

Automatically reduces speed on curves and turns.



### Stop & Go Control

Automatically stops when pedal is released.

### Anti-Turnover

Molded in anti-tip block.





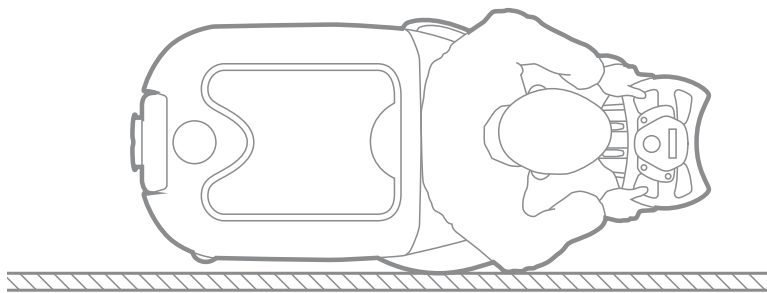


## Clean Everywhere

**Boldly Go Where Others Can't**

The R22SC scrubs and dries in the same areas where a walk-behind scrubber would normally be used, but it's faster and more comfortable.

The operator remains comfortably seated and can easily move in limited spaces, quickly passing from one area to another - even in an elevator - in total safety without having to get off the machine.



**Clean Right Up to the Wall**

## Ergonomic Controls and User-Friendly Display

Ergonomic steering wheel with controls and display to make driving intuitive and safer. The operator isn't distracted, and the scrubbing functions are activated without hands ever leaving the driving wheel.





Better Built. Better Equipment.

## Join The Connected Cleaning World\*

Keep tabs on your machines remotely whenever you want and from wherever you want!



HFM

Hillyard Fleet Management



### GEOLOCATION

Know where your machines are.



### USAGE DATA

Know who's using your machine and how it is being used.



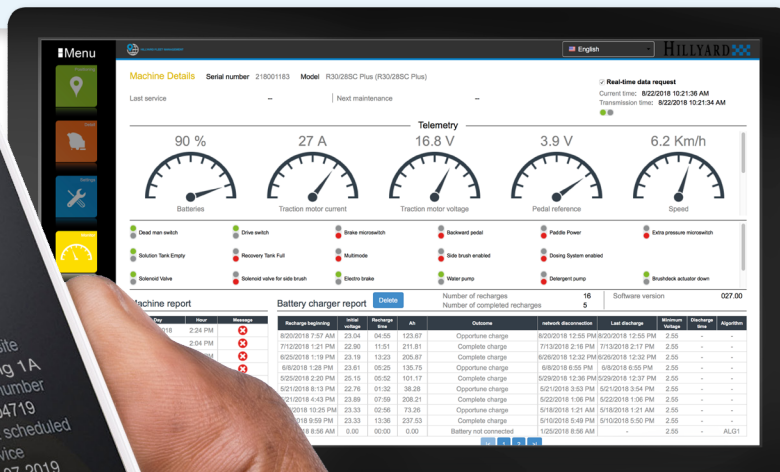
### MAINTENANCE

Know the health status of machines.



### TELEMETRY

Critical machine data is always being monitored for peak performance.



Discover the HFM universe and experience the advantages of being constantly connected with the My.Equipment app!



My.Equipment

An authorized Hillyard Trident Service Center can also view real-time telemetry data, diagnose systems, and update settings over the internet - keeping your equipment running at peak performance - and minimizing downtime.



\* Requires optional Hillyard Fleet Management module and subscription.



## Power Options

### Maintenance Free



- The ultimate solution for simplicity and durability.
- Virtually maintenance free. Just plug in the charger when not in use.
- Full replacement three-year warranty with use of the included Protection from Overdischarge (POD) device.



### Flooded Lead Acid



- Conventional deep-cycle battery for cleaning equipment.
- High quality, lower-cost alternative to maintenance-free batteries.
- Requires routine maintenance to maintain electrolyte levels and warranty. Pro-rated one-year warranty.



## Battery Charger - Lester Summit Series II



Full replacement 3-year warranty



### BLUETOOTH®

Featuring Bluetooth wireless communication with apps for Apple® and Android® phones and tablets. View charge cycle status, select the active battery profile, upload new profiles, change between on-board and off-board and download charge history records anytime using just a smart phone or tablet.



### PERFORMANCE

Our Summit Series® II provides industry leading charging performance and intelligence. Our proprietary Progressive DV/DT charge algorithm ensures a precisely charged battery every time. The chargers are tested in extreme temperatures and operating conditions and built to last.



### EFFICIENCY

Our switch mode (high frequency) chargers have best-in-class efficiency and are compliant with the latest DOE and CEC standards. We operate a CEC approved laboratory in our Lincoln, NE manufacturing plant.

## Standard and Optional Equipment

• STANDARD ○ OPTION – NOT AVAILABLE

User Experience	R22SC Pro	R22SC Pro - Orbital
LCD Display	•	•
Comfort		
Hour Meter	•	•
Cleaning Solution Level Indicator	•	•
Onboard Battery Charger	○	○
Automatic Brush Coupling/Uncoupling	•	–
Brush Actuator	–	•
Brush Head Manual Lifting	•	–
Squeegee Manual Lifting	•	•
Productivity		
Water Flow Selector	•	•
Tri-Level Pressure Selector	–	•
HFM - Hillyard Fleet Management	○ - HIL228065*	○ - HIL228065*
Aluminum Squeegee Support	•	•
Safety		
Emergency Stop	•	•
Electro Parking Brake	•	•
Environment		
TES - Trident Energy Saver	•	•



\*Dealer Installed Option



Specifications		R22SC	R22SC - Orbital
Hillyard Item Number		HIL56010	HIL56008
Cleaning Path	In	22	20
Squeegee Width	In	28	32
Disc Brushes	(No.) In	(1) 22	n/a
Rectangular Pad	In	n/a	(1) 14 x 20
Oscillations Per Minute	(No.)	n/a	2,000
Solution Tank	Gal	17.2	17.2
Recovery Tank	Gal	19.8	19.8
Supply/Traction	V	24/Automatic	24/Automatic
Acoustic Level (Iso 11201)	Db (A)	<62	<62
Brush Motor(s)	(No.) V/W	(1) 24/450	(1) 24/600
Vacuum Motor	V/W	24/118	24/118
Traction Motor	V/W	24/300	24/300
Brushes RPM	RPM/Min.	140	n/a
Brush Pressure	Lb	55	66-111
Forward Speed	MPH	0 - 3.4	0 - 3.4
Minimum Aisle Turn	In	60.6	60.6
Gradeability	%	10	10
Productivity	Sq.ft/Hr	33,000	30,000
Battery Compartment Dimensions (L,H,W)	In	14.3, 11.4, 13.9	14.3, 11.4, 13.9
Machine Dimensions (L,H,W)	In	49.8, 40.6, 23.6	49.8, 40.6, 23.6
Machine Weight (Without Battery)	Lb	243	243
Contents		1 - Machine 1 - Nylon Brush 1 - Pad Holder 1 - Owners Kit	1 - Machine 1 - Charging Cord 1 - Owners Kit

#### ORDER WITH FACTORY INSTALLED BATTERIES

Equipment purchased with factory installed batteries include batteries, cables, and a shelf charger. TPPL machines are equipped with the required Protection From Overdischarge (POD) device.

Model	R22SC Disc		R22SC Orbital	
Hillyard Item Number	HIL56010SLA	HIL56010WET	HIL56008SLA	HIL56008WET
Battery Type	Maintenance Free (TPPL)	Flooded Lead Acid	Maintenance Free (TPPL)	Flooded Lead Acid
Quantity	2	2	2	2
Voltage / Capacity	12 V / 128 AH	12 V / 150 AH	12 V / 128 AH	12 V / 150 AH
Dimensions LxWxH (in)	13.5 x 7.3 x 11	13 x 7.2 x 11.2	13.5 x 7.3 x 11	13 x 7.2 x 11.2
Weight, Each (lbs)	95	85	95	85
Includes	Machine, batteries, cables, shelf charger, POD device	Machine, batteries, cables, shelf charger	Machine, batteries, cables, shelf charger, POD device	Machine, batteries, cables, shelf charger

Squeegee Replacement Guide		R22SC	R22SC - Orbital
Front & Rear Squeegee Kit		HIL219451	HIL221391
Brush and Pad Guide		R22SC	R22SC - Orbital
Brush(es) - Medium, 0.6MM PPL, White (Standard)		HIL436233	n/a
Brush(es) - Stiff, 0.9MM PPL, Black		HIL436234	n/a
Pad - Red		HIL42222	HIL41420



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LIT-R22SC-0625

Subject to change without notice.