

B20SC



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



Productivity: Up to 16,000 Sq. Ft. per hour



Longer Life For Components Reduced Maintenance Costs

The B20 body completely covers the frame and the components, protecting them against damage from impacts, extending component life and minimizing repair cost.



Uninterrupted Productivity

Up to 5 working hours on a single battery charge.



High Visibility for Safe Operation

The compact design of the B20 ensures high visibility during operation, and while cleaning along walls or around obstacles.





Simple Intuitive Controls

The electronic control panel with AUTO feature activates all scrubbing functions at the same time ensuring constant cleaning performance.

Easy Fill Onboard Hose

The dripless hose for water filling can be directly connected to most faucets, saving time and simplifying the filling operation.



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.



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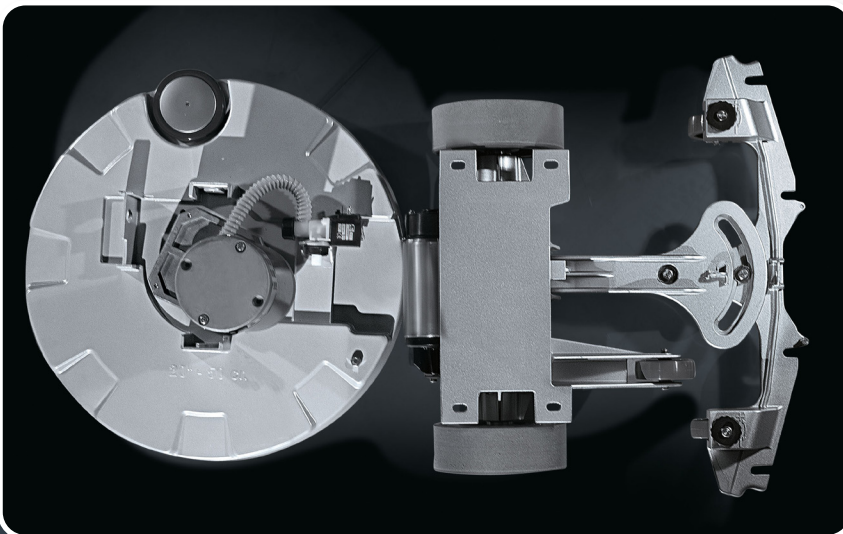
Onboard Dosing Cup

Accurately mix the proper amount of cleaning solution, eliminating waste and ensuring performance. It's cost effective too.



Uni-Chassis Construction Designed to Last a Lifetime

The chassis is a single piece engineered out of aluminum. It's more impact-resistant and corrosion-resistant than traditional scrubber frames constructed from steel. The B20 will perform well even in toughest environments.



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.

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	B20SC	
Hillyard Item Number	HIL56003SLA	HIL56003WET
Battery Type	Maintenance Free (TPPL)	Flooded Lead Acid
Quantity	2	2
Voltage / Capacity	12 V / 86 AH	12 V / 105 AH
Dimensions LxWxH (in)	12 x 7 x 9	12.8 x 6.8 x 9.8
Weight, Each (lbs)	77	59
Includes	Machine, batteries, cables, shelf charger, POD device	Machine, batteries, cables, shelf charger

Specifications		B20SC
Hillyard Item Number		HIL56003
Cleaning Path	In	20
Squeegee Width	In	28
Disc Brushes	(No.) In	(1) 20
Solution Tank	Gal	10.8
Recovery Tank	Gal	10.8
Supply/Traction	V	24/Brush Assist
Acoustic Level (Iso 11201)	Db (A)	<53
Brush Motor(s)	(No.) V/W	(1) 24/500
Vacuum Motor	V/W	24/310
Brushes RPM	RPM/Min.	140
Brush Pressure	Lb	50
Forward Speed	MPH	0 - 1.86
Gradeability	%	2
Productivity	Sq.ft/Hr	19,000
Battery Compartment Dimensions	LxWxH (in)	13.9 x 9.8 x 13.1
Machine Dimensions (L,H,W)	LxWxH (in)	46.5 x 40.6 x 23.2
Machine Weight (Without Battery)	Lb	152

Squeegee Replacement Guide	
Front and Rear Squeegee Kit (Standard Rubber Shore 33)	HIL219451
Front and Rear Squeegee Kit (Linatex Rubber)	HIL34802
Front and Rear Squeegee Kit (Primothane Urethane)	HIL34083
Brush and Pad Guide	
Brush - Soft, 0.3MM PPL, Blue	HIL404654
Brush - Medium, 0.6MM PPL, White (Standard)	HIL405631
Pad - Red	HIL42220



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LIT-B20SC-1025