

CS7020 Lithium-Ion Combination Sweeper/Scrubber dryer

The environmentally-friendly and economical CS7020 Lithium-Ion is a battery-powered combination sweeper-scrubber that can halve cleaning time by scrubbing and sweeping at the same time, while maintaining uptime in the busiest of environments.

Unbeatable cleaning uptime and efficiency, powered by Lithium-Ion batteries.

The Li-Ion power of the CS7020 has excellent run time even with the heaviest scrub setting, recharges more quickly (fully recharged in 3-3.5 hours), can be opportunity charged and reduces maintenance costs, backed by a 5-year warranty.

The CS7020 reduces total cost of ownership, including operation, labour and maintenance, while effectively increasing fuel economy and runtime efficiency. Now the most economical solution is also the most ecological. Dedicated sweeping and scrubbing functions with one-pass cleaning keep debris dry without introducing scrub solution into the debris hopper. This provides operators and equipment owners with increased productivity and reduced maintenance. Lower total cost of ownership. CS7020 dispels the complexity and high maintenance of hydraulic systems that power conventional combination machines.

Safer operation

Clear view sightlines and automatic speed reduction in turns gives the CS7020 safer operation.

SmartFlow™ & EcoFlex™

Integrated SmartFlow™ and optional EcoFlex™ technology reduces water and chemical usage.

Dedicated sweep & scrub

Dedicated sweeping and scrubbing keeps debris dry without introducing water to the debris hopper.

DustGuard™

Optional Dustguard™ is proven to reduce airborne dust generated by side broom sweeping. An ultra fine fog suppresses dust.

Edge to edge cleaning

Superb edge to edge cleaning and site navigation with rear wheel steering and braking on all wheels.

Optimum turning circle

The right machine length and rear wheel drive provides optimum turning efficiency around your site.

- ClearView™ sightlines and automatic speed reduction in turns for safer operation
- Tools-free tilt-out/lift-off recovery tank with integrated SmartFlow™
- Available with patented DustGuard™ airborne dust suppression technology
- High-capacity 285 litre front dry sweeper debris hopper with high-lift system
- Standard dual side brooms sweep entire squeegee path to minimise fouling
- Hybrid combination machine. Fuel less consumption, less. High running time on battery variant.
- Retractable offset deck and breakaway squeegee. Generation filtration system, variable filter shaking
- OneTouch™, MaxAccess, NoTools™. More efficient service, extreme commonality among platforms.
- Hybrid technology and optional Ecoflex™
- Heated water, High pressure washer
- Opportunity & Fast Charging

• Standard equipment

Included accessories	Ref. no.	Min. required	CS7020B LI-ION APAC
Disc Brush 430 mm			
PROLENE	559501332	1	•
Main Broom			
MAIN BROOM SPIRAL	559501131	1	•
Side Broom			



Picture shown may not represent model quoted

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Included accessories	Ref. no.	Min. required	CS7020B LI-ION APAC
BROOM-SIDE POLY	559501248	1	•
Battery			
LI BATTERY 38.4V/608A	55947710	1	•
Charger			
36V 200A CHARGER LI BATTERY EMC	559500455	1	•
Squeegee, Blade, Skirt and Splash Guard			
BLADE KIT-SQGEE-LINATEX NOTE 1	559500429	1	•
BLADE-DECK-LINATEX-8.75	559501236	1	•
Other			
BEACON KIT STANDARD	559501316	1	•
REAR ROLLER KIT-LEFT AND RIGHT	559501327	1	•
SEAT KIT-DELUXE	559501259	1	•

Model	CS7020B LI-ION APAC
Ref. no.	50000649

PRODUCT FEATURES

Adjustable steering and seat	•
Tip out recovery tank	•
Hopper safety arm assist	•
Automatic squeegee lift in reverse	•
Headlights	•
Back up warning alarm	•
Ergonomic driver seat	•
Diagnostic system	•
Direct throw sweeping	•
Variable high dump system	•
Two side brooms	•
Horn	•
Wet sweep by-pass	•
Automatic speed reduction	•
One-Touch™ control panel	•
Disc deck: 3 brushes	•
Debris tray	•
Ecoflex prepared	•
Multi-frequency filter shaker	•
Offset pivoting deck	•



CS7020 Lithium-Ion Combination Sweeper/Scrubber dryer

Model CS7020B LI-ION APAC

Ref. no. 50000649



PRODUCT FEATURES

- Break away Squeegee •
- Scrubbing and sweeping •

Technical specifications CS7020B LI-ION APAC










Max. running time (hour)	210
Power source	38.6V / 608 Ah Li-Ion Battery
Sound pressure level (dB(A))	72
Productivity theoretical/actual (m ² /h)	Scrubbing up to 11,080
Productivity 2 side brooms theoretical/actual (m ² /h)	Sweeping up to 13,600
Sweeping width (mm)	1540
Scrubbing width (mm)	1245
Min. turn-around aisle width (cm)	259/264
Solution/recovery tank (L)	284/284
Hopper volume (L)	198
Main filter area (cm ²)	11
Squeegee width (mm)	1350
Side broom diameter (mm)	381
Brush pressure (kg)	90-127-181
Brushes/pads qty.	3
Main broom (mm)	900
Brush size (mm)	430
Length x width x height (mm)	2620 x 1220 x 1500
Gross weight (gvw) (kg)	2343

• Standard equipment, ○ Supplementary accessories, □ Mountable equipment











Accessories		Ref. no.	Min. required	CS7020B LI-ION APAC
Main Broom				
	BROOM MAIN SPIRAL NYLON	33018856	1	○
	BROOM MAIN SPIRAL PPL	33018857	1	○
	MAIN BROOM SPIRAL	559501131	1	•




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Other				
	ACCESSORY SOCKET KIT	56510465	1	○
	BEACON KIT STANDARD	559501316	1	●
	DRAIN HOSE EXTENSION	56601410	1	○
	DUST GUARD KIT	56511841	1	○
	FIRE EXTINGUISHER KIT	56510605	1	○
	OHG BEACON KIT	56511852	1	○
	OHG CANOPY KIT	56511238	1	○
	REAR ROLLER KIT-LEFT AND RIGHT	559501327	1	●
	RECOVERY TANK CLEAN OUT	56111280	1	○
	SEAT KIT-DELUXE	559501259	1	●
	SOLUTION AUTO FILL KIT	56510424	1	○
	VAC WAND KIT	56510443	1	○
Disc Brush 430 mm				
	DISC BRUSH-17 AGLITE 500 Ø430	56505783	1	○
	DISC BRUSH-17 DYNAGRIT 3 LUG	56505782	1	○
	DISC BRUSH-17 MAGNAGRIT 3 LUG	56505781	1	○
	DISC BRUSH-17 MIDGRIT 3 LUG	56505787	1	○

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Accessories		Ref. no.	Min. required	CS7020B LI-ION APAC
	DISC BRUSH-17 MIDLITE 3 LUG	56505788	1	○
	DISC BRUSH-17 PROLITE 3 LUG	56505785	1	○
	DISC BRUSH 17 UNION MIX	56505786	1	○
	PROLENE	559501332	1	●
Guard Option				
	FRONT BUMPER KIT	56510450	1	○
	FRONT CORNER ROLLER KIT	56509914	1	○
	SQUEEGEE GUARD KIT	56511741	1	○
Squeegee Blade				
	BLADE KIT SQGEE GUM	56510372	1	○
	BLADE KIT-SQGEE-PU	56510373	1	○
Deck Blade				
	BLADE KIT DECK GUM	56510375	1	○
	BLADE KIT DECK PU	56510376	1	○
Detergent Equipment				

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Accessories		Ref. no.	Min. required	CS7020B LI-ION APAC
	ECOFLEX KIT-NILFISK	56511854	1	○
	EXTENDED SCRUB KIT	56511845	1	○
Battery				
	LI BATTERY 38.4V/608A	55947710	1	●
Charger				
	36V 200A CHARGER LI BATTERY EMC	559500455	1	●
Squeegee, Blade, Skirt and Splash Guard				
	BLADE KIT-SQGEE-LINATEX NOTE 1	559500429	1	●
	BLADE-DECK-LINATEX-8.75	559501236	1	●
Side Broom				
	BROOM-SIDE POLY	559501248	1	●
Pad Holder				
	SHORT TRIM PAD HOLDER	559501330	1	○