



Speed Scrub ec-H2O™

17 & 20" disk specifications



Scrubbing System

Cleaning path (3 models available)	17 in / 430 mm Pad Assist	20 in / 500 mm Pad Assist	20 in / 500 mm Transaxle Drive
Solution tank capacity		10.5 gal / 40 L	
Productivity (per hour)			
Theoretical max	20,230 ft ² / 1,880 m ²	23,800 ft ² / 2,210 m ²	23,800 ft ² / 2,210 m ²
Estimated actual* (conventional)	8,440 ft ² / 785 m ²	10,125 ft ² / 940 m ²	16,065 ft ² / 1,490 m ²
Estimated actual* (ec-H2O)	11,250 ft ² / 1,045 m ²	13,500 ft ² / 1,255 m ²	21,420 ft ² / 1,990 m ²
Solution flow rates	Standard: 0.13 gpm / 0.50 lpm Optional: .19 gpm / .72 lpm & .25 gpm / .95 lpm		
Scrub motors	1.0 hp / 0.746 kW		
Scrub motor speed	230 rpm		
Brush / pad down pressure	50 & 90 lb / 23 & 41 kg		
Environmental Impact (Annual) ****			
Chemical use reduction		64 gallons	
Packaging reduction		39 lbs	
Water use reduction		2867 gallons	

Recovery System

Recovery tank capacity	15 gal / 57 L (Includes demisting chamber)		
Vacuum fan			
Motor	0.5 hp / 0.370 kW		
Stages	2-stage		
Water lift	40 in / 1,020 mm		

Propelling & Power System

Propel speed (variable to)			
Transport	NA	NA	2.6 mph / 4.2 kph
Scrubbing	NA	NA	2.4 mph / 3.9 kph
Batteries (24 V system, charger included)	(2) 12V, 105 AH	(2) 12V, 130 AH	(2) 12V, 155 AH
Run time**	2.5 hr	2.5 hr	3.0 hr
Gradeability (ramp climb)			
Scrubbing / transporting (full)	NA	NA	3.0° / 5.0°
Trailer ramps (empty)	NA	NA	9°
Speed control	Variable speed potentiometer		

Dimensions / Weight / Sound level

Length	48 in / 1,220 mm	50.25 in / 1,275 mm	50.25 in / 1,275 mm
Width			
Body		18 in / 460 mm	
Scrub head	20 in / 510 mm	21.5 in / 550 mm	21.5 in / 550 mm
Squeegee		30 in / 760 mm	
Height		43 in / 1,090 mm	
Net weight			
Less batteries	203 lb / 92 kg	205 lb / 93 kg	216 lb / 98 kg
With batteries (2) 12V	315 lb / 143 kg	340 lb / 154 kg	386 lb / 175 kg
Minimum aisle turn:	51.5 in / 1,310 mm	53 in / 1,350 mm	53 in / 1,350 mm
Sound level*** (operator's ear)		68.5 dBA	

Warranty

3 years/2500 hrs on parts and labor (excluding batteries).
10 years on rotationally-molded polyethylene tanks.

* Estimated coverage rates use the practical speed and empty/fill time standards from the 2004 ISSA Cleaning Times handbook.

** Run times are based on Continuous Scrubbing Run Times.

*** Sound levels per ISO 11201 as recommended by the American Association of Cleaning Equipment Manufacturers & OSHA

**** Estimates based on requiring, at minimum, 1.5 tanks to clean the facility / area per day, 2 oz of chemical per gallon of water and scrubbing 5 times per week or 260 times per year.





Speed Scrub ec-H2O™

24, 28 & 32" disk specifications



Scrubbing System

	24 in / 600 mm	28 in / 700 mm	32 in / 800 mm
Cleaning path (3 paths available)			
Solution tank capacity		22.5 gal / 85 L	
Productivity (per hour)			
Theoretical max	26,400 ft ² / 2,500 m ²	30,800 ft ² / 2,900 m ²	35,200 ft ² / 3,300 m ²
Estimated actual* (conventional)	17,875 ft ² / 1,660 m ²	20,800 ft ² / 1,900 m ²	24,000 ft ² / 2,200 m ²
Estimated actual* (ec-H2O)	20,075 ft ² / 1,900 m ²	22,750 ft ² / 2,100 m ²	26,250 ft ² / 2,400 m ²
Solution flow rates	Standard: 0.15 gpm / 0.57 lpm Optional: .22 gpm/ .83 lpm & .30 gpm/ 1.1 lpm		Standard: 0.22 gpm / 0.83 lpm Optional: .33 gpm/ 1.25 lpm & .44 gpm/ 1.66 lpm
Scrub motors		(2) 0.75 hp / 0.56 kW	
Scrub motor speed		220 rpm	
Brush / pad down pressure		Up to 120 lb / 54 kg	
Brush / pad driver quantity & size	(2) 12 in / 300 mm	(2) 14 in / 360 mm	(2) 16 in / 410 mm
Environmental Impact (Annual) ****			
Chemical use reduction		137 gallons	
Packaging reduction		83 lbs	
Water use reduction		6143 gallons	
Recovery System			
Recovery tank capacity		27 gal / 102 L (Includes demisting chamber)	
Vacuum fan			
Motor		0.85 hp / 0.640 kW	
Stages		3-stage	
Water lift		62 in / 1,570 mm	
Propelling & Power System			
Propel speed (variable to)			
Transport		2.7 mph / 4.3 km/h	
Scrubbing		2.5 mph / 4.0 km/h	
Batteries (24 V system, charger included)			
Standard / run time**		(4) 6V, 235 AH / Up to 5 hours	
Optional gel / run time**		(4) 6V, 200 AH / Up to 4 hours	
Gradeability (ramp climb)			
Scrubbing / transporting (full)		3.0° / 5.0°	
Trailer ramps (empty)		11°	
Speed control		Variable speed potentiometer	
Dimensions / Weight / Sound level			
Length	53 in / 1,350 mm	55.5 in / 1,410 mm	58 in / 1,470 mm
Width			
Body		23 in / 580 mm	
Scrub head	25.4 in / 640 mm	29 in / 740 mm	33 in / 840 mm
Squeegee	35.7 in / 910 mm	41.3 in / 1,050 mm	46.6 in / 1,180 mm
Height		44 in / 1,120 mm	
Net weight			
Less batteries	293 lb / 133 kg	320 lb / 145 kg	332 lb / 151 kg
With batteries (4) 6V 235 AH	569 lb / 258 kg	593 lb / 269 kg	606 lb / 275 kg
Minimum aisle turn:	53 in / 1,350 mm	59 in / 1,500 mm	64 in / 1,630 mm
Sound level*** (operator's ear)		67 dBA	
Warranty	3 years/2500 hrs on parts and labor (excluding batteries). 10 years on rotationally-molded polyethylene tanks.		

* Estimated coverage rates use the practical speed and empty/fill time standards from the 2004 ISSA Cleaning Times handbook.

** Run times are based on Continuous Scrubbing Run Times.

*** Sound levels per ISO 11201 as recommended by the American Association of Cleaning Equipment Manufacturers & OSHA

**** Estimates based on requiring, at minimum, 1.5 tanks to clean the facility / area per day, 2 oz of chemical per gallon of water and scrubbing 5 times per week or 260 times per year.





Speed Scrub ec-H2O™

26 & 32" cylindrical specifications



Scrubbing System

	26 in / 650 mm	32 in / 800 mm
Cleaning path (2 paths available)		
Solution tank capacity	22.5 gal / 85 L	
Productivity (per hour)		
Theoretical max	28,600 ft ² / 2,700 m ²	35,200 ft ² / 3,300 m ²
Estimated actual* (conventional)	19,200 ft ² / 1,790 m ²	24,000 ft ² / 2,200 m ²
Estimated actual* (ec-H2O)	21,000 ft ² / 2,000 m ²	26,250 ft ² / 2,400 m ²
Solution flow rates	Standard: .22 gpm / .83 lpm Optional: & .33 gpm / 1.25 lpm	Standard: .33 gpm / 1.25 lpm Optional: & .44 gpm / 1.66 lpm
Scrub motors	(2) 0.63 hp / 0.47 kW	
Scrub motor speed	1500 rpm	
Brush / pad down pressure	Up to 120 lb / 54 kg	
Brush quantity & size	(2) 6 in / 150 mm	(2) 6 in / 150 mm

Environmental Impact (Annual)****

- Chemical use reduction
- Packaging reduction
- Water use reduction

Recovery System

Recovery tank capacity	27 gal / 102 L (Includes demisting chamber)
Vacuum fan	
Motor	0.85 hp / 0.640 kW
Stages	3-stage
Water lift	62 in / 1,570 mm

Propelling & Power System

Propel speed (variable to)	
Transport	2.7 mph / 4.3 km/h
Scrubbing	2.5 mph / 4.0 km/h
Batteries (24 V system, charger included)	
Standard / run time**	(4) 6V, 235 AH / Up to 5 hours
Optional gel / run time**	(4) 6V, 200 AH / Up to 4 hours
Gradeability (ramp climb)	
Scrubbing / transporting (full)	3.0° / 5.0°
Trailer ramps (empty)	11°
Speed control	Variable speed potentiometer

Dimensions / Weight / Sound level

Length	55 in / 1,400 mm	
Width	23 in / 580 mm	
Body	23 in / 580 mm	
Scrub head	28 in / 710 mm	34 in / 860 mm
Squeegee	41.3 in / 1,050 mm	46.6 in / 1,180 mm
Height	44 in / 1,120 mm	
Net weight		
Less batteries	332 lb / 151 kg	342 lb / 155 kg
With batteries (4) 6V 235 AH	606 lb / 275 kg	615 lb / 279 kg
Minimum aisle turn:	62 in / 1,570 mm	64.5 in / 1,640 mm
Sound level*** (operator's ear)	68 dBA	

Warranty

3 years/2500 hrs on parts and labor (excluding batteries).

10 years on rotationally-molded polyethylene tanks.

* Estimated coverage rates use the practical speed and empty/fill time standards from the 2004 ISSA Cleaning Times handbook.

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