

Single and Dual Speed Floor Machines



High-performance, proven floor machines from the leader in floor care.

These durable floor machines are proven performers for polishing, scrubbing and stripping most any hard floor surface.

Long-life, durable construction

Our floor machines are made from durable, corrosion-proof, polyethylene.

Superior performance with low maintenance

With a dramatically-simplified design, and a heavy-duty 1.5 hp / 1.12 kW motor, these single and dual speed floor machines require little maintenance while delivering superior cleaning and maintenance results.

Key Benefits

- Superior performance from heavy-duty 1.5 hp / 1.12 kW motors and pad drivers
- Simple twist grip operation with safety lock to protect operators
- Single or dual speeds with optional solution tank offer versatile cleaning performance



Single and Dual Speed Floor Machines



Features	Specifications*		
Product Name	FM-43-SS	FM-51-SS	FM-20-DS
Pad Drive System Brush rpm Motor Volts Motor HP Motor Type	175 rpm 120 V / 220V 1.5 hp / 1.12 kW AC, 66 frame, circuit breaker protected, triple planetary, precision gear box, 10:1 gear ratio		185 rpm (scrub)/330 rpm (buff) 120 V / 220 V 1.5 hp / 1.12 kW Permanent magnet DC, 66 frame, dual speed, circuit breaker protected, triple planetary, precision gear box, 10:1 gear ratio
Motor Amps Motor Watts	12 A (120 V) / 7A (220 V) 1100 watts	12 A (120 V) / 7A (220 V)	12 A (120 V) / 7A (220 V) 1100 watts
Construction Handle Base/ Handle	Twist grip operation with safety lock Corrosion-proof rotationally-molded polyethylene		
Dimensions Product Height Product Length Product Weight Product Width	48 in / 1219 mm 22.75 in / 578 mm 97 lb / 44 kg 17 in / 403 mm	48 in / 1219 mm 23.50 in / 597 mm 97 lb / 44 kg 20 in / 510 mm	48 in / 1219 mm 23.50 in / 597 mm 97 lb / 44 kg 20 in / 510 mm
Productivity Max. Coverage (per hour)	2000 ft ² / 185.8 m ²	3000 ft ² / 278.7 m ²	3000 ft ² / 278.7 m ²
Decibel Rating Rating at operator's position	60 dBA		71 dBA
Power Cord Length Power Cord Type	50 ft / 15.24 m 14 gauge, 3-wire, SJT		
Solution Delivery System (Optional) Tank Volume Nominal Solution Flow Rate Coverage Rate Per Tank	3 gal / 11.36 L .1 gpm / .38 L/min 1000 ft ² (92.9 m ²) / tank	3 gal / 11.36 L .1 gpm / .38 L/min 1500 ft ² (135.35 m ²) / tank	3 gal / 11.36 L .1 gpm / .38 L/min 1500 ft ² (135.35 m ²) / tank
Warranty	See your sales representative or authorized distributor for complete warranty details.		

*Specifications subject to change without notice Note: All 120V models will come with a dual Tennant/Nobles decal