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Storm™ Series

Single and Dual Speed Floor Machines

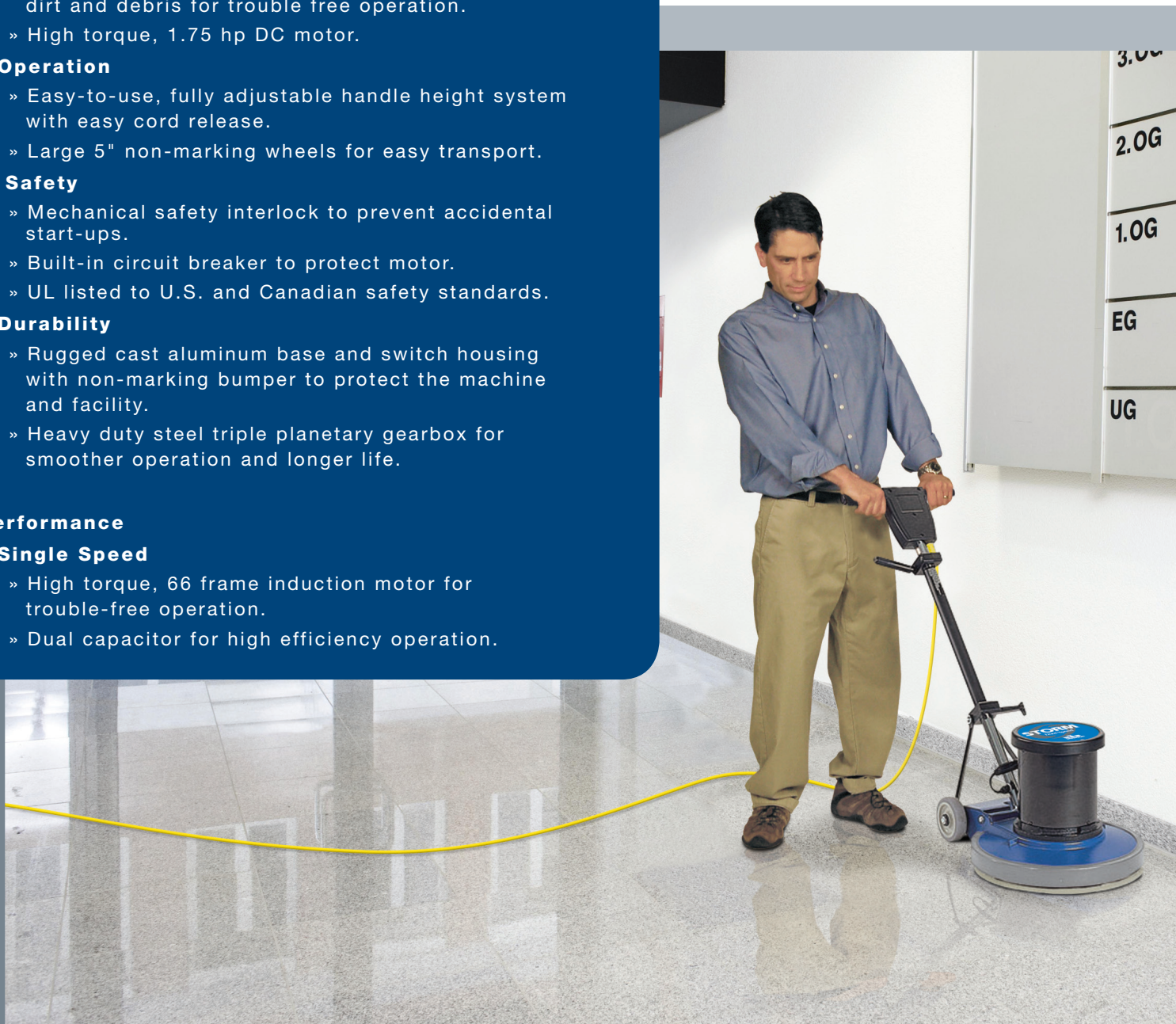
Providing power and versatility for buffing and polishing or scrubbing and stripping.

Versatility

- **Single Speed**
  - » Variety of sizes from 13" (33 cm) to 20" (51 cm) with a 1.0 hp motor or 1.5 hp motor on certain models.
- **Dual Speed**
  - » Totally enclosed motor provides protection against dirt and debris for trouble free operation.
  - » High torque, 1.75 hp DC motor.
- **Operation**
  - » Easy-to-use, fully adjustable handle height system with easy cord release.
  - » Large 5" non-marking wheels for easy transport.
- **Safety**
  - » Mechanical safety interlock to prevent accidental start-ups.
  - » Built-in circuit breaker to protect motor.
  - » UL listed to U.S. and Canadian safety standards.
- **Durability**
  - » Rugged cast aluminum base and switch housing with non-marking bumper to protect the machine and facility.
  - » Heavy duty steel triple planetary gearbox for smoother operation and longer life.

Performance

- **Single Speed**
  - » High torque, 66 frame induction motor for trouble-free operation.
  - » Dual capacitor for high efficiency operation.



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WINDSOR®

Technical Specifications

Model:		SP13	SP17X	SP20X	SPS20D
Brush/Pad Speed:	175 rpm	•	•	•	•
	300 rpm				•
Pad Diameter:		13" (33 cm)	17" (43 cm)	20" (51 cm)	20" (51 cm)
Pad Driver Diameter (Pad driver included):		12" (30 cm) Rigid	16" (41 cm) Rigid	19" (48 cm) Rigid	19" (48 cm) Rigid
Optional Brushes:	Nylon, Polypropylene, Mild grit, or Aggressive grit	•	•	•	•
Motor:	66 frame, induction motor Built-in circuit breaker Run and start capacitor	•	•	•	
	1.0 hp (745 watt) single speed, 175 rpm	•			
	1.5 hp (1120 watt) single speed, 175 rpm		•	•	
	1.75 hp (1305 watt) dual speed, 300 rpm, DC				•
Construction:	Die cast aluminum motor base and die cast aluminum handle housing	•	•	•	•
Handle Tube:	1.5" (4 cm) cold rolled steel and Non-marking PVC grips	•	•	•	•
High Mounted Handle Lock/Height Adjustment:		•	•	•	•
Heavy Duty Construction, Non-marking PVC Bumper:		•	•	•	•
Dual Main Switch Levers:		•	•	•	•
Thumb-Activated Safety Interlock:		•	•	•	•
Wheels:	Two, 5" (12.7 cm) x 1.25" (3 cm) non-marking	•	•	•	•
Electrical Rating:	115V, 60 Hz	•	•	•	•
Cable:	50' (15 m) 14/3 rating with strain relief	•	•	•	•
Transmission:	Heavy duty steel triple planetary gearbox	•	•	•	•
Weight:	100 lbs (45 kg)	•			
	105 lbs (48 kg)				
	112 lbs (51 kg)		•	•	•
Storage Dimensions (LxWxH):	21" x 14" x 47" (53 cm x 36 cm x 119 cm)	•			
	23" x 18" x 47" (58 cm x 46 cm x 119 cm)		•		
	24.5" x 21" x 47" (62 cm x 53 cm x 119 cm)			•	•
Sound Level:	63 dBA	•	•	•	
Approvals:	c UL us UL listed to U.S. and Canadian safety standards	•	•	•	•

Specifications are subject to change without notice.

Performance Features



» Wide range of motor sizes provides right power for the job.

» Totally enclosed motor provides protection against dirt and debris resulting in low maintenance.



» Dual levers and safety interlock for left or right-handed operation.

» High-mounted handle height adjustment simplifies operator use.



» Productivity is increased by allowing the operator to use 175 rpm for floor scrubbing or stripping and 300 rpm for polishing or spray buffing. (Dual Speed)

» Non-marking PVC bumper on rugged cast aluminum base protects walls and the machine.

Target Markets:

- Schools
- Contractors
- Retail
- Healthcare

Windsor Innovations Protect:

Indoor Air Quality | Water | People | Environment

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