



Stripping, Scrubbing, Restoration

Merlin 2-Speed takes advantage of innovative engineering and modern design to set new records in production and user safety. The unique "Floating Head" WD™ Wheels Down handle carriage design provides 100% contact with the floor and steers the Merlin in forward and backward movement - unlike the side-to-side movements of swing buffers.

The Merlin 2-Speed draws 1/3 less amps than standard machines. Strip and scrub floors at 165 RPM. Buff and polish at 320 RPM. Power to drive diamond tools, Claw, Scraper and Orbitec tools.

Power

- 1.5 HP 2-speed rectified DC motor
- Hi-Lo 2-speed toggle switch mounted on side of motor
- 115V, 50/60 Hz power (230V optional)
- 50 ft., (12-3) 2-piece industrial power cord with cord lock

Drive System

- Triple planetary XHD 11:1 helical cut industrial gears, drives brushes and tools at 165 RPM or 300 RPM

Engineered Design

- WD™ Wheels Down, 5 position pin-lock handle disassembles in 60 seconds for transport and storage
- All steel construction with welded powder-coated frame
- 17" and 20" brush covers with 360 degree wrap-around bumper
- Thumb-operated safety switch. Negative pressure on/off switch
- Dual steel operating triggers
- 2" x 8" non-marking load bearing, ball bearing wheels
- Includes 80# weight kit
- Optional dust pickup kit - 17" and 20"
- Optional 4 gallon solution tank (#A0001-Color4)
- Optional 6 gallon solution tank kit (#SME-2QRBLK) includes solution tank, diamond pad driver and splash guard

Safety Features

- Quiet operation – 62 dB (low speed) 69 dB (high speed). Meets GS42 requirements.
- Built with UL / CUL listed components



Includes 80# Weight Kit



Specifications

Model #	Merlin 2-Speed 17	Merlin 2-Speed 20
Item #	F71-17-01	F71-20-01
Pad Size	16 inch	19 inch
Brush / Tool Size	15 inch	18 inch
Pad Speed	165 / 300 RPM	165 / 300 RPM
Amp Draw	8.5 / 9.1	9.2 / 9.6
All Sizes		
Motor	1.5 HP, 2-speed rectified DC	
Power	115V, 50/60 Hz. (230V optional)	
Drive Gears	Triple planetary XHD 11:1 helical cut industrial	
Power Cord	50 ft., (12-3) 2-piece industrial w/ cord lock	
Sound Level (ave.)	Quiet 62 dB (165 rpm) 69 dB (300 rpm) operation Meets GS42 Specs	

Subject to Change Without Notice



5 Pin Handle Lock All Steel Construction



Power to Drive HAWK Grinder and Scraper



80 lb. Weights Mounts on Apron with Locking Pins