



Stripping, Scrubbing, Restoration



The Merlin 2-Speed takes advantage of innovative engineering and modern design to set new records in production and user safety. Our unique “Floating Head” handle carriage design provides 100% contact with the floor. The WD™ “Wheels Down” design steers the Merlin in forward and backward movement - unlike the side-to-side movements of traditional rotary machines. Strip and scrub floors at 165 RPM. Buff and polish at 300.

Power

- 1.5 HP, 66 frame, DC rectified 2-speed motor
- Hi-Lo 2-speed toggle switch on motor
- 115V, 50/60 Hz power, (230V optional)
- 50 ft., (12-3) SJTOW 2-piece power cord with molded plug

Drive System

- Triple planetary XHD 11:1 helical cut industrial gears, case hardened with steel coupler drives brushes at 165 and 300 RPM

Engineered Design

- WD™ handle assemblies and disassembles in 60 seconds, without tools, for transport and storage
- All steel construction with welded “Floating Head” frame
- Includes removable 80 lb. weight set
- Powder-coated 5-position pin-lock handle with vinyl grips
- 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

Safety Features

- Quiet operation – 62 dB (low speed), 69 dB (high speed). Meets GS42 standard. UL / CUL Listed.

Accessories

- Dust pickup Brute kit, splash guards, 4.5 and 6 gallon solution tank, surface prep scraper, Orbitec diamond pad driver, weighted diamond pad drivers 5 brushes, pads and drivers, sandpaper drivers. Details and part numbers pages on 38-39.



Specifications

Model #	HP1517-MER-2SXHD	HP1520-MER-2SXHD
Part #	F0040-17-1.5TE-2S	F0040-20-1.5TE-2S
Machine Size	17 inch	20 inch
Pad Size	16 inch	19 inch
Pad Speed	165 / 300 RPM	165 / 300 RPM
Amp Draw (165/300)	8.5 / 9.1	9.2 / 9.6
All Sizes		
Motor	1.5 HP, 66 frame, DC rectified 2-speed motor	
Power	115V, 50/60 Hz power, (230V optional)	
Drive System	Triple-planetary XHD 11:1 helical cut industrial gears	
Power Cord	50 ft., 12-3 SJTOW power cord with molded plug	
dB Rating	62 dB (165 RPM) - 69 dB (300 RPM) operation Meets GS42 standard	

Subject to Change Without Notice



5-Position Pin Lock Handle
All Steel Construction



Optional Grinder and
Scraper Tools



2-Speed Motor with
Hi/Lo Switch



Optional 6 Gallon
Solution Tank