



Stripping, Scrubbing, Restoration



Includes 80#
Weight Kits

The Merlin 2-Speed takes advantage of innovative engineering to set new records in production and user safety. The unique “Floating Head” 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 traditional 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 300 RPM.

Power

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

Drive System

- Triple-planetary XHD 11:1 helical-cut industrial gears, case hardened with steel coupler drives brushes and pads
- 165 and 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” steel brush cover with wraparound 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 removable 80# weight set

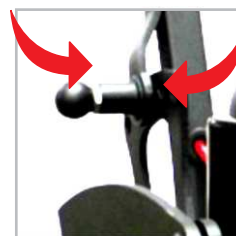
Safety Features

- Quiet operation – 66 dB (low speed), 72dB (high speed). Meets GS42 standard.
- UL / CUL Listed



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 (Low/High Speed)	8.5 / 9.1 Amp	9.2 / 9.6 Amp
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, 2-piece yellow power cord with twist lock plug	
dB Rating	66 dB (low speed) - 72 dB (high speed) operation Meets GS42 standard	



5-Position Pin Lock
Handle All Steel
Construction



Two-Part Twist Lock
Connects Machine to
50 ft. Power Cord



2-Speed Motor with
Hi/Lo Switch



80 lb. Weights Available.
Mounts on Apron with
Locking Pins

Subject to Change Without Notice