



(4) 20# Weights Included



## Stripping, Scrubbing, Resurfacing

Merlin 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. Easy to learn. Easy to use.

### Power

- 1.5 HP, 180 frame, TEFC dual capacitor AC motor
- 115-230V, 60 Hz power. 50 ft. 2-part, (12-3) SJTOW power cord

### Drive System

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

### Engineered Design

- All steel construction with welded, powder-coated frame
- Powder-coated steel handle with 5-position pin lock
- The severe-duty motor guard mounts on the motor to protect from impact damage
- 17" and 20" steel brush covers with 360 degree wraparound bumper
- Thumb-operated safety switch. Dual steel operating triggers.
- Negative pressure on/off switch
- 2" x 8" non-marking load bearing, ball bearing wheels
- Includes 80 lb. weight set

### Safety Features

- Quiet 66 dB operation. Meets GS42 standard.
- UL/CUL listed

### Accessories

- Dust pickup Brute kit, splash guard, hexagonal weights, 20 lb. frame weights, 25 lb. horseshoe weights, 4.5 and 6 gallon solution tank, surface prep scraper, Orbitec diamond pad driver, weighted diamond pad driver brushes, pads and drivers, sandpaper drivers. Details and part numbers pages 38-39.

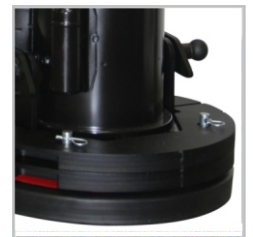
## Specifications

Model #	HP1517-MER	HP1520-MER
Part #	F0040-17 -1.5TE	F0040-20-1.5TE
Machine Size	17 inch	20 inch
Pad Size	16 inch	19 inch
Pad Speed	165 RPM	165 RPM
Amp Draw	7.9	8.5
<b>All Sizes</b>		
Motor	1.5 HP, 180 frame, TEFC dual capacitor AC motor	
Drive System	Triple-Planetary XHD 11:1 helical cut industrial gears	
Power	115-230V, 60 Hz power	
Power Cord	50 ft. 2-part, (12-3) SJTOW industrial power cord	
dB Rating	66 dB - Meets GS42 standard	

Subject to Change Without Notice



5-Position Pin Lock Handle  
All Steel Construction



80 lb. Weights Mounts on  
Apron with Locking Pins



Permanently Lubricated  
11:1 Triple Planetary Gears



Floating Head Frame