



Stripping, Scrubbing, Restoration

The Merlin 2-Speed takes advantage of innovative engineering and modern design to set new records in production and user safety. WD™ handle carriage provides 100% contact with the floor and incorporates forward movement instead of the traditional side-to-side operation of standard floor 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 on motor
- 115V, 50/60 Hz power, (230V optional)
- 50 ft., 12-3 SJTOW power cord with molded plug

Drive System

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

Engineered Design

- WD™ handle assembles and disassembles in 60 seconds, without tools, for transport and storage
- All steel construction with welded "Floating Head" frame
- Includes removable 80# 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



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 | 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 (low speed) - 69 dB (high speed) operation | |

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



HAWK Merlin 2-Speed Accessories



Dust Pickup Systems
**HP0031-DC17-
BRUTEKIT**
**HP0031-DC20-
BRUTEKIT**



Splash Guard
SPLASH17-WD -17"
SPLASH20-WD - 20"



4.5 Gallon
Solution Tank
SME-MERLIN4



6 Gallon Solution Tank
SNE-2QR6BLK

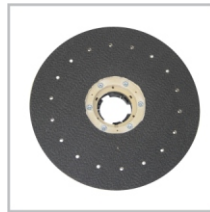
Rotary Machine Tools



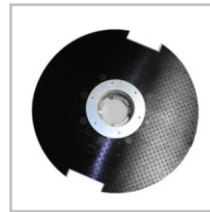
Surface Prep Scraper
HP0033 - 17"
HP0034 - 20"



Orbitec Diamond
Pad Driver
HP0017 - 17"
HP0020 - 20"



Diamond Pad Driver
A0010DPD - 17"
A0011DPD - 20"

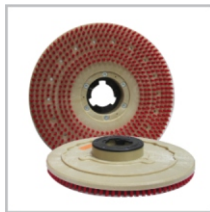


Weighted Diamond
Pad Driver
A0010WTDPD - 17" (46#)
A0011WTDPD - 20" (64#)

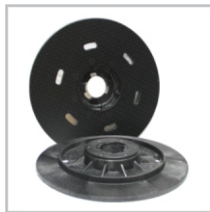


80 Grit Brush
A0008 - 17"
A0009 - 20"

Pads, Pad Drivers & Hardware



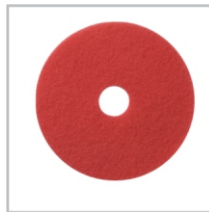
Hawk Tufted Bristle
Pad Driver
A0010-4 - 17"
A0011-3 - 20"



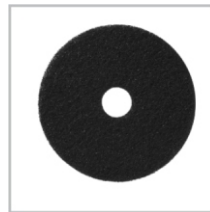
Premium Harpoon
Pad Driver
A0010 - 17"
A0011 - 20"



High Speed
Pad Driver
A0010-3 - 17"
A0011-1 - 20"



Red Scrubbing Pad
(5 Pack)
A0026-17R-CS- 17"
A0026-20R-CS- 20"



Black Stripping Pad
(5 Pack)
A0026-17BK-CS- 17"
A0026-20BK-CS- 20"



Pad Centering
Clamp
**KIT2013 - Screw Mount
(Blue)**
**KIT2014 - Spring Mount
(White)**