



Stripping, Scrubbing, Restoration

The Merlin 2-Speed takes advantage of innovative engineering to set new records in production and user safety. Our unique "Floating Head" handle carriage design provides 100% contact with the floor, incorporating forward movement instead of the traditional side-to-side buffing. The Merlin 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 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™ Wheels Down 5-position pin-lock handle disassembles in 60 seconds without tools, for transport and storage
- All steel construction with welded powder coated frame
- Includes removable 80# weight set
- 17" and 20" steel brush cover with wraparound bumper
- Private branding - 7 color plus chrome brush covers
- 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 – 66 dB (low speed), 72dB (high speed) Meets GS42 standard.
- UL / CUL Listed



(4) 20#
Weights
Included



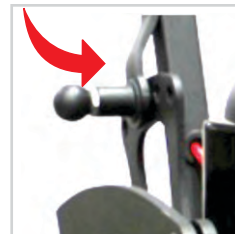
Specifications

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
Machine Weight w/ 80# Weight Set	200 lbs.	210 lbs.

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	66 dB (low speed) - 72 dB (high speed) operation

Subject to Change Without Notice



5-Position Pin Lock Handle
All Steel Construction



Optional 4 Gallon
Solution Tank
5 Stock Colors



2-Speed Motor with
Hi/Lo Switch



80 lb. Weights Mounts on
Apron with Locking Pins



HAWK Merlin 2-Speed Accessories



**Floating Head Machine
Dust Pickup Systems**
#HP0031-DC17-GLIDE
#HP0031-DC20-GLIDE



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



**4.5 Gallon
Solution Tank**
#SME-0193-INATASSY



Private Brand Machines
8 Stock Colors
Plus Chrome



Stiff Poly Scrub Brush
For general scrubbing
#A0002 - 17"
#A0003 - 20"



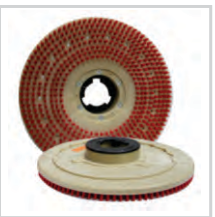
Lite Grit Brush
Scrub With Flexible
Blue 150 Grit Bristles
#A0008-1 - 17"
#A0009-1 - 20"



Grit Brush
Strip/Scrub With Stiff
Black 80 Grit Bristles
#A0008 - 17"
#A0009 - 20"



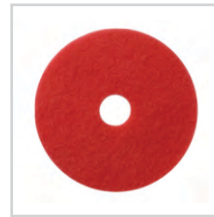
**Hawk Spin Safe Carpet
Brush w/Adjustable
S/S Glide Plate**
Smooth Adjustable Plate
Protects The Carpet
#A0013-17 - 17"
#A0013-20 - 20"



Tufted Pad Driver
3/4" Long Stiff Poly
Bristles, 3/4" Riser
#A0010-4 - 17"
#A0011-3 - 20"



**Premium Double Hook
Pad Driver w/ Riser**
#A0010 - 17"
#A0011 - 20"



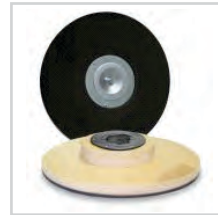
Red Buffing Pad
(5 Pack)
#A0026-17R-CS- 17"
#A0026-20R-CS- 20"



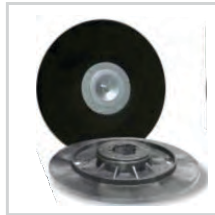
Black Stripping Pad
(5 Pack)
#A0026-17BK-CS- 17"
#A0026-20BK-CS- 20"



**Pad Centering
Clamp**
Pad mount - 2 piece
design
#KIT2013 - Screw Lock
#KIT2014 - Spring Lock



**Premium Sandpaper
Driver**
Plywood block,
cushion pad, 1" riser
#A0014-HD - 17"
#A0014-1HD - 20"



**Economy Sandpaper
Driver**
Molded plastic block,
cushion pad, 1" riser
#A0014 - 17"
#A0014-1 - 20"



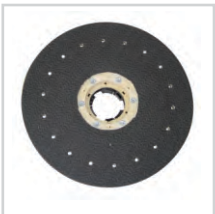
Surface Prep Scraper
(6) Tungsten steel blades,
steel clutch plate.
#HP0033 - 17"
#HP0034 - 20"



Orbitec Diamond Driver
(6) cups hold 3" diamond
tools, steel clutch plate
#HP0017-3 - 17"
#HP0020-3 - 20"



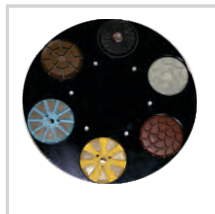
**Tri-Headed Orbitec
Diamond Driver**
6" and 8" Pads & Brushes,
Steel Clutch Plate
#HP0015 - 16x6"
#HP0015-8 - 16x8"



Diamond Pad Driver
#A0010DPD - 17"
#A0011DPD - 20"



**Weighted Diamond
Pad Driver**
Steel Block & Clutch Plate
#A0010WTDPD - 17" (46#)
#A0011WTDPD - 20" (64#)



**HAWK Claw
Diamond Disc Driver**
#CLAW17 - 17"
#CLAW20 - 20"



Transport Cart
#HP0070

*Rotary brush blocks are 2" smaller than machine size. Rotary pad driver blocks are 1" smaller than machine size.
All have Universal clutch plate.