



(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 and steers the Glide in forward and backward movement - unlike the side-to-side movements of traditional rotary machines.

Power

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

Drive System

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

Engineered Design

- WD™ Wheels Down handle disassembles in 60 seconds without tools, for transport and storage
- All steel construction with welded "Floating Head" frame
- Powder-coated steel handle with 5-position pin lock
- The heavy duty motor guard mounts on the motor to protect from impact damage
- 17" and 20" steel brush covers with full 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
- Increase productivity with the optional solution tanks

Safety Features

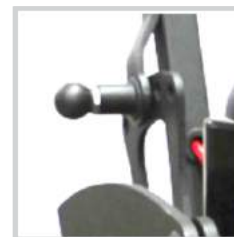
- Quiet 66 dB operation. Meets GS42 standard.
- UL/CUL listed



Specifications

Model #	HP1517-180-MER	HP1520-180-MER
Part #	F0040-17 -1.5TE	F0040-20-1.5TE
Machine Size	17"	20"
Pad Size	16"	19"
Rotary Brush Size	15"	18"
Pad Speed	165 RPM	165 RPM
Amp Draw	7.9 Amp	8.5 Amp
All Sizes		
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-pc. (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



Power for Optional
Grinder and Scraper Tools



Floating Head Frame



Rotary Floor Machine Accessories



Dust Pickup Systems
for All Floating Head Rotary
Design Models
#HP0031-DC17-GLIDE
#HP0031-DC20-GLIDE



Splash Guard
SPLASH17 -17"
SPLASH20 - 20"



20# Frame Weight
A0032-2P



Hexagonal Weight for
Rotary Motor Mount
A0028-10P - 10 lbs.
A0028-25P - 25 lbs.



Weight Post Mount
for Hexagonal Weights
HP0008-45INSTAND



Optional 4 Gallon
Solution Tank
5 Stock Colors



8 Stock Colors



Vacuum Assembly Kit
#TH1011



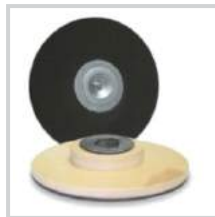
Surface Prep Scraper
(6) replaceable Tungsten
Steel Scraping Heads.
Universal steel clutch plate.

#HP0033 - 17"
#HP0034 - 20"



Orbitec Diamond Driver
(6) steel mounting cups
hold 3" diamond tools.
Universal steel clutch plate.

#HP0017-3 - 17"
#HP0020-3 - 20"



Premium Sandpaper Driver
with 1" thick plywood block
1" riser and Universal clutch
plate. 1/2" thick cushion
and steel mounting disc
holds sandpapers

#A0014-HD - 17"
#A0014-1HD - 20"



Weighted Diamond
Pad Driver
Steel pad driver block
adds down pressure.
Molded pins securely hold
pads for HD floor prep.

#A0010WTDPD - 17" (46#)
#A0011WTDPD - 20" (64#)



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



Tampico Polishing Brush
100% White Tampico is
naturally acid resistant.
Great for general scrubbing
and polishing marble.

#A0004 - 17"
#A0005 - 20"



Poly Scrub Brush
Use this poly bristle brush
with a detergent for lighter-
duty scrubbing on waxed or
finished floors.

#A0002 - 17"
#A0003 - 20"



35 Grit Brush
For general scrubbing and
frequent cleaning.
Flexible enough to scrub
narrow grout lines.

#A0008-1 - 17"
#A0009-1 - 20"



80 Grit Brush
For aggressive for general
scrubbing or stripping
finishes on hard
surfaces. Cleans wide
grout lines.

#A0008 - 17"
#A0009 - 20"



Hawk Safe Spin Carpet Brush
w/ Adjustable S/S Glide Plate
Smooth adjustable plate lets
the brush easily glide over
and protect the carpet.
Reduces drag and operator
fatigue.

#A0013-17 - 17"
#A0013-20 - 20"



Rotary Floor Machine Accessories



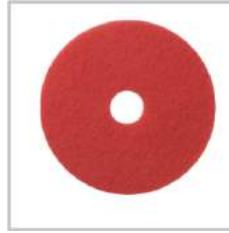
**Tufted Bristle
Pad Driver**

Heavy polypropylene 3/4" bristles penetrate the pad for secure holding power. Includes 3/4" riser.
A0010-4 - 17"
A0011-3 - 20"



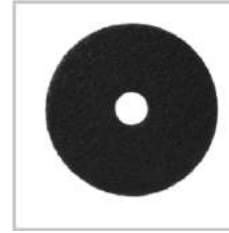
**Premium Double Hook
Pad Driver**

Molded polymer face has pad grabbing hooks. Block is molded with riser and showerfeed.
#A0010 - 17"
#A0011 - 20"



**Red Buffing Pad
(5 Pack)**

Use at 175-600 RPM for everyday cleaning and light scrubbing.
#A0026-17R-CS- 17"
#A0026-20R-CS- 20"



**Black Stripping Pad
(5 Pack)**

Heavy-duty scrubbing and for removal of 2-4 coats of finish/sealer.
#A0026-17BK-CS- 17"
#A0026-20BK-CS- 20"



**Pad Centering
Clamp - 2-Piece**

2-piece clamp clips together securely holding any size pad.
#KIT2013 - Screw Lock
#KIT2014 - Spring Lock