



Stripping, Sanding, Resurfacing & Polishing



The Hawk Merlin Floating Head floor machine for severe-duty work has been elevated higher by addition of the exclusive Hawk 360™ dust pickup system. The system uses a steel brush apron with a 360 degree dust collecting duct that connects to a 2" dust exhaust port in the apron cover.

The apron is built with sturdy 16-gauge steel and powder-coated for long term durability. Debris is extracted via the 2" top mounted port, which can be tethered to all commercial tank vacuums with 1.5" or 2" hose. Collecting dust and debris while cutting, polishing, and sanding floors is now safe & simple.

Merlin floor machines are built for high productivity in harsh environments like concrete resurfacing, natural stone polishing, and wood screening & sanding. The heart of the Merlin is its powerful, 180-Frame TEFC Dual Capacitor AC motor connected to a severe-duty, helical-cut 11:1 gear drive. Solid steel components, precise robotic welds, and Grade A fasteners assure transfer of power to the floor.

Engineered design:

- 180-Frame TEFC Dual Capacitor AC Motor
- 115-230V, 60 Hz power. (50 Hz optional).
- 50 ft, 2-pc. 12-3 SJTOW industrial power cord with molded plug
- Extra heavy-duty XHD steel helical-cut 11:1 gear drive with steel coupler
- Dust control with steel 360™ duct system brush cover and full wrap around dust guard. 17" and 20" sizes.
- Floating-head WD™ Wheels-down handle design keeps the pads and brushes 100% flat on the floor
- One piece heavy-duty, powder-coated steel lift-assist handle. 5-position pin-set lock.
- The heavy-duty motor guard protects the motor from impact damage
- Dual steel operating triggers. Negative pressure on/off switch.
- Thumb-operated safety switch. Comfort cushion handle grips.
- 2" x 8" non-marking load bearing, ball bearing wheels
- Includes 80 lb. pin-lock "U" weight set
- Optional 66 frame 2-speed DC motor
- Optional Private Branding - 7 color plus chrome brush cover

Safety Features:

- Built in dust collection
- Quiet 66 dB meets GS42 standard.
- UL/CUL listed



Specifications

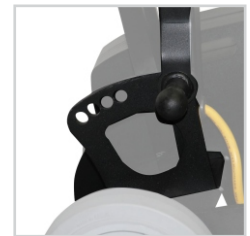
Model #	HP1517MER-BDC (Black)	HP1520MER-BDC (Black)
Part #	F75-17B (Black)	F75-20B (Black)
Model #	HP1517BRUTE-CDC (Chrome)	HP1517BRUTE-CDC (Chrome)
Part #	F75-17C (Chrome)	F75-20C (Chrome)
Machine Size	17 inch	20 inch
Pad Size	16 inch	19 inch
Pad Speed	165 RPM	165 RPM
Amp Draw	7.9 Amp	8.4 Amp
Machine Wt.	233 lbs.	235 lbs.

All Sizes

Motor	1.5 HP, 180 frame, TEFC dual capacitor AC motor
Power	115-230V, 60 Hz power (50 Hz optional)
Power Cord	50 ft. 12-3 SJTOW industrial power cord w/molded plug
Drive System	Triple-planetary XHD 11:1 helical-cut industrial gears
dB Rating	66 dB - Meets GS42 standard



Includes Lift Assist Handle on Merlin 360



4 Handle Heights with Pin-Set Lock



Brush Shroud is Built with 2" Vacuum Port

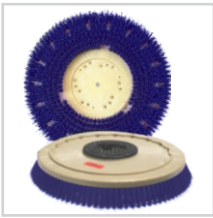


360 Degree Duct in Brush Apron Directs Debris to Vacuum Port

Subject to Change Without Notice



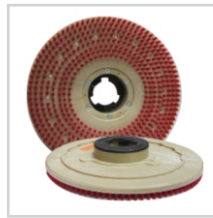
HAWK Merlin 360™ Accessories



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"



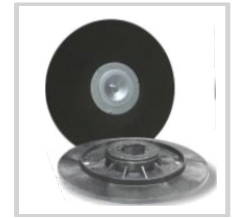
Tufted Pad Driver
3/4" Long Stiff Poly
Bristles, 3/4" Riser
#A0010-4 - 17"
#A0011-3 - 20"



**Premium Double Hook
Pad Driver w/ Riser**
Molded Plastic Block,
1" Riser
#A0010 - 17"
#A0011 - 20"



**Premium Sandpaper
Driver**
Plywood Block, Cushion
Pad, 1" Riser
#A0014-HD - 17"
#A0014-1HD - 20"



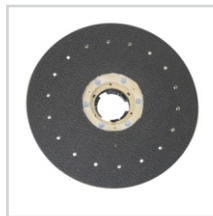
**Economy Sandpaper
Driver**
Molded Plastic Block,
Cushion Pad, 1" Riser
#A0014 - 17"
#A0014-1 - 20"



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
For XHD
#HP0015 - 16X6"
#HP0015-8 - 16X8"



Diamond Pad Driver
For HD & XHD
#A0017DPD - 13"
#A0034 - 15"
#A0010DPD - 17"
#A0011DPD - 20"



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



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



**HAWK Surface Prep
Scraper**
with Replaceable
Cutting Blades
#HP0033 - 17"
#Hp0034 - 20"

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