

The Merlin



ELKHART, IN



The Merlin is a 2-speed machine that performs Xtra Heavy-Duty scrubbing, stripping and surface preparation on all hard floors. Utilizing a floating head design which insures 100% pad contact at all times. Being able to disconnect the handle from the running unit allows for easy storage.

Features

- Handle and carriage is easily removable for transport and storage.
- Low current draw
- UL / CUL - Approved for safe performance
- Thumb operated safety switch
- Negative pressure on/off switch
- Dual steel operating triggers for left or right hand operation
- One-piece, heavy duty, industrial, powder coated, steel handle for optimum durability
- Welded frame for rugged, reliable performance
- 2"x8" non-marking ball bearing wheels
- Variable position positive lock handle for operator comfort and safety
- Comfort style vinyl handle grips for ease of use
- 360 - degree wraparound-and-under snug fit bumper- no tools needed for replacement



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Handle and carriage



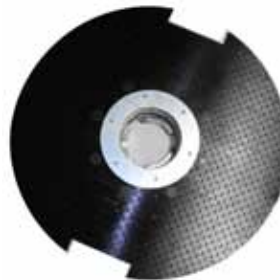
Optional Load Amp Meter



The Merlin's head can rotate to change brush cover quickly and efficiently.



SCRAPER
Six 1-Inch
Cutting Heads
(Option of 6 Additional
Cutters For a Total of
12 Cutters)



**WEIGHTED
DIAMOND
PAD
DRIVER**



ORBITEC
Six
Independently
Rotating
Applix Faces



Technical Specifications

Model #	HP1517-2S	HP2520-2S	HP2517-2S	HP2520-2S
Part #	F0040-17-1.5	F0040-20-1.5	F0040-17-2.5	F0040-20-2.5
Pad Size	17 inch	20 inch	17 inch	20 inch
Power Source	115V	115V	230V 50/60Hz	230V 50/60Hz
Motor/HP	66 Frame, 1-1/2 HP DC Rectified	66 Frame, 1-1/2 HP DC Rectified	66 Frame, 2-1/2 HP DC Rectified	66 Frame, 2-1/2 HP DC Rectified
Amp Draw (Low / High)***	8.5 / 9.1	9.2 / 9.6	8.5 / 9.1	9.2 / 9.6
Gear Box	3-Idler 11:1	3-Idler 11:1	3-Idler 11:1	3-Idler 11:1
Brush RPM (Low / High)	270 / 535	270 / 535	270 / 535	270 / 535
Cord*/**	2-piece 50' 12-3 SJTOW	2-piece 50' 12-3 SJTOW	2-piece 50' 12-3 SJTOW	2-piece 50' 12-3 SJTOW

Accessories for Every Application

Size	17 Inch	20 Inch
Pad Driver	A0010	A0011
Orbitec Driver	HP0017	HP0020
Sand Paper Driver	A0014-HD	A0014-1HD
Surface Prep Tool	HP0033	HP0034
Diamond Pad Driver	A0010DPD	A0011DPD
Weighted DPD	A0010WTDPD	A0011WTDPD
Polish Brush	A0004	A0005
Poly Brush	A0002	A0003
Nylon Brush	A0006	A0007
Grit Brush	A0008	A0009
Polish (Porko) Pads (5 Per Case)	A0025-17P	A0025-20P
Scrub (Red) Pads (5 Per Case)	A0026-17R	A0026-20R
Strip (Black) Pads (5 Per Case)	A0027-17BK	A0027-20BK
4-Gallon Solution Tank	Available in 5 colors	Available in 5 colors

* 75' Cord Available (12-3)
 **100' Cord Available (12-3)
 *** Amp Draw with
 Appropriate Pad Driver

dB Rating:

Low Speed - 62
 High Speed - 69
 Meets GS42
 Requirements

*Specifications subject to change
 without notice.*

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