



PSF-546-MIL Wet Horizontal MPI Machine

Item #: 10-01-12

Standard Features:

Many Standard Features of the MIL Series Are Optional on Other Equipment Models

- Color Touch Screen with Virtual Instrumentation and Multiple Dynamic Ranges
 - Ultra-Low Range Mode Now Standard with a 1 Amp Resolution
 - Typical Repeatability within 1 to 2 Counts of LSD, Even at Low End Settings!
 - Typical Useful Low End Setting Down to 10 Amps!
 - Automatic Preview Recalibration Keeps Preview within 1-2 Ammeter Counts
 - Built In Eye Adaptation Timer
 - 240VAC / 480VAC 60Hz 3 Phase Input
 - 6,000 Amp Full Wave DC
 - Full Wave Reversing DC Demag
 - 5,000 Amp AC Output
 - Automatic Decaying AC Demag
 - Three Phase Secondary Main Power Transformer
 - 54" Part Length Capacity
 - Large 16" Inside Diameter Coil
 - 16 Ga. Full Stainless Steel Tank and Stainless Steel Hip Bar Construction
 - Fully Variable - Closed Loop Current Control with Controlled Break Feature
 - Shot Selector Switch, Supervisor Settable for Single or Dual Mag Shots
 - Adjustable Height Operator Control Panel
 - Automag Automatic Sequencing Control with Guarded Foot Switch
 - Operator Control Panel Mounted Master Power Switch
 - All Sequencing Is Controlled by a Single Electronic Logic Unit
 - Swing Away Hood Assembly with Powered Ventilator and LED White Light
 - Ventilator and White Light Switches Located on the Operator Control Panel
 - Solid State Head and Coil Switching - No Contactors!
 - Solid State Demag Switching - No Reversing Contactors!
 - Solid State Contactor Operated Pump
 - Equipped With a Power Line Safety Contactor
 - Heavy Duty All Copper Busswork
 - Dual 4/0 Fine Wire Copper Power Cable Feeds For Headstock and Coil Connections
 - All Secondary Cable Connection Located Externally for Easy Maintenance
 - Heavy Duty Cold-Rolled Steel Pneumatic Headstock Construction
 - Heavy Duty Cold-Rolled Steel Crank Driven Tailstock Assembly
 - Heavy Duty Coil Carriage with Sealed Ball Bearing Wheels
 - Heavy Duty Twin 1" x 3" Solid Steel Bed Rails
 - Hard Rock Maple Grates Front and Rear
 - Heavy Duty - Hinged and Gasketed Front Doors with Twist Latches
 - Heavy Duty Gasketed Rear Access Panels with Draw Latches
 - Pneumatic Filter, Regulator, Moisture Separator with Shut Off Valve
 - Paint Color - Magwerks Tan Baked Industrial Powder Coating
- Standard Features, Options and Specifications Subject to Change Without Notice

Magwerks Catalog

Current Product



assembly with powered ventilator removed
 Specifications Subject to Change Without Notice
 Standard Secondary Voltage Line Voltage & Current Requirements

Model is shown above with the Swing-A-Way hood

- VAC: 208, 60Hz, Recommended Service Size: 175, Fuse Type: 175 T/D
Recommended Wire Size: 2/0 AWG - 100 Ft or Less For ≤100 Ft. of Run
- VAC: 240, 60Hz, Recommended Service Size: 150, Fuse Type: 150 T/D
Recommended Wire Size: 1 AWG - 100 Ft or Less For ≤100 Ft. of Run
- VAC: 400, 50Hz, Recommended Service Size: 90, Fuse Type: 90 T/D
Recommended Wire Size: 4 AWG - 100 Ft of Less For ≤100 Ft. of Run
- VAC: 480, 60Hz, Recommended Service Size: 75, Fuse Type: 75 T/D
Recommended Wire Size: 4 AWG - 100 Ft of Less For ≤100 Ft. of Run

Line Voltage & Current Requirements with Optional 18V Secondary Output

- VAC: 208, 60Hz, Recommended Service Size: 225, Fuse Type: 225 T/D
Recommended Wire Size: 3/0 AWG - 100 Ft of Less For ≤100 Ft. of Run
- VAC: 240, 60Hz, Recommended Service Size: 225, Fuse Type: 225 T/D
Recommended Wire Size: 3/0 AWG - 100 Ft of Less For ≤100 Ft. of Run
- VAC: 480, 60Hz, Recommended Service Size: 125, Fuse Type: 125 T/D
Recommended Wire Size: 2 AWG - 100 Ft of Less For ≤100 Ft. of Run

Options Available for the PSF-546 MIL

Option Group

Automation Accessories

- 10-90-03-10: 16" Halo Bathing Group, Add Coil Positioning System Separately
- 10-90-03-12: 20" Halo Bathing Group, Add Coil Positioning System Separately
- 10-90-03-14: 24" Halo Bathing Group, Add Coil Positioning System Separately
- 10-90-38: Automatic Central Conductor Fixture

Option Group

Bath System Upgrades

- 10-90-00-02: Single Stainless Steel Pump Upgrade
- 10-90-60-50: External Stainless Steel Basket Strainer Assembly

Option Group

Cabinet Modifications, Standard 54"

- 10-90-60-02: 120" Tank & Frame Add on Option, Std Materials
- 10-90-60-03: 24" Cabinet and Bed Extension (To Add 24" of Length Capacity to Machine)

10-90-60-15: Lock Set for 54" Cabinet (Keyed Alike); This Replaces The Rear Draw Latches and Adds Door Locks

10-90-60-20: Lock Set & Tool Operated Draw Latch Set, 54" Cabinet

10-90-60-40-04: Conveyor Cutout Block Off Insert, Stainless Steel

10-90-60-40-05: Conveyor Cutout, for Magwerks 18" Conveyor System (During Fabrication)

10-90-60-81-10: Heat Exchanger Cutout & Blockoff Plate, Right Hand End (During Fabrication for Later Installation)

Option Group Coil Options

10-90-75-56: Additional Non-Switched 6kA 12" Coil and Carriage Add On, Select Cables Separately

13-37-20-01: 0.375" Coil Riser Set

13-37-20-04: 0.75" Coil Riser Set

13-37-20-06: 1.5" Coil Riser Set

13-37-20-08: 3" Coil Riser Set

13-37-20-10: 4" Coil Riser Set

Option Group Control Features, PSF-546-MIL

10-01-12-63: 6" Color MicroTouch Menu Option With 4.5 Digit Current Control (Automatic Dual Range)

Option Group Control Features, Shared

10-90-10-03: Remote Mag and Demag Pendant

10-90-10-04: *External Mag Push Button Assembly with 20' Cable

10-90-10-11: Dual Palm Buttons, 54" Cabinet - Adjustable Position, Conventional Buttons

10-90-10-12: Dual Finger Control, 54" Cabinet - Adjustable Position Opto-Touch Finger Style

10-90-10-36: Safety Light Curtain Assembly, 16" Tall, Guarding Operator Side Only

10-90-94: Bar Code Scanner Input Option for P-2000 Systems, (Bar Codes 128 & 39)

Option Group Foot Switch Packages

10-90-10-19-01: *Independent, Guarded, Foot Switch Package - Wet Horizontal

10-90-10-19-02: Dual, Guarded, Foot Switch Package - Wet Horizontal

Option Group Headstock and Tailstock Mounted Parts Rests

01-03-05-70: Quick-Change Receiver for H/S & T/S Mounted Roller Rests

01-03-05-80: Quick-Change Roller Rest Assembly with 6" x 2" Wheels

01-03-05-81: Quick-Change Roller Rest Assembly with 8" x 1" Wheels

01-03-05-82: Quick-Change Roller Rest Assembly with 9" x 1.5" Wheels

Option Group Headstock and Tailstock Options, 6kA S/V

01-02-06: Headstock Assembly, Extended Base, 6kA For Use with Quick-Change Roller Rests, 19" Overall Height

Option Group Heat Exchanger Options

10-90-60-81-04: *4000 BTU Heat Exchanger Option, G280416G050

10-90-60-81-06: 6000 BTU Heat Exchanger Option, G280616G050



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