



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



Model is shown above with the Swing-A-Way hood assembly with powered ventilator removed

Specifications Subject to Change Without Notice

Standard Secondary Voltage Line Voltage & Current Requirements

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 or 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 or 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 or 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 or 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 or 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)

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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

