



## PSF-1006-MIL Wet Horizontal MPI Machine. 6000A FWDC, 4000A AC 100" Capacity

Item #: 10-01-15

### Standard Features:

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!  
Typical Useful Low End Down to 10 Amps!  
Automatic Preview Recalibration Keeps Preview within 1-2 Ammeter Counts  
Many Standard Features of the MIL Series Are Optional on Other Equipment  
240VAC / 480VAC 60Hz 3 Phase Input  
6,000 Amp Full Wave DC  
Full Wave DC Reversing Demag  
5,000 Amp AC Output  
Automatic Decaying AC Demag  
100" 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 Controlled by a Single Electronic Logic Unit  
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 Power Line Safety Contactor  
Heavy Duty All Copper Busswork  
Dual 4/0 Fine Wire Copper Power Cable Feeds For Headstock and Coil Connections  
Swing Away Hood, Ventilator & White Light  
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 Powder Coating  
Standard Features, Options and Specifications Subject to Change Without Notice



Specifications Subject to Change Without Notice

#### Standard 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 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

### Option Group 1 Line Frequency Pump Group

50Hz 1-Phase, 1-Pump G50Hz 1-Phase, 1-Pump Group

\*60Hz 1-Phase, 1-Pump \*60Hz 1-Phase, 1-Pump Group

Group:

### Option Group Automation Accessories

10-90-03-02: Automatic Lead Screw Coil or Halo Positioning System for 100" S/V-W/H, \*\*Add Halo Option Separately\*\*  
[Must have 6" MT Option]

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

<b>Option Group</b>	<b>Bath System Modifications</b>
10-90-00-02:	Single Stainless Steel Pump Upgrade
10-90-60-50:	External Stainless Steel Basket Strainer Assembly
<b>Option Group</b>	<b>Bed Modification Options</b>
01-01-50:	H/D Support Group for 100" Standard Standard Sized Bed
<b>Option Group</b>	<b>Cabinet Modifications, Standard 100"</b>
10-90-60-01:	72" Tank & Frame Add on Option for a 172" part capacity, Std Materials
10-90-60-21:	100" Cabinet Lock Set & Tool Operated Draw Latch Set
10-90-60-40-05:	Conveyor Cutout, for 18" Conveyor System (During Fabrication)
10-90-60-81-10:	Heat Exchanger Cutout, Right Hand End During Fabrication (For Later H/E Installation)
<b>Option Group</b>	<b>Coil Options</b>
10-90-75-60:	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
<b>Option Group</b>	<b>Coil Substitution Options, Air Core ≤6kA</b>
04-01-18 Substitution:	18" Coil For Use On Machines Up To 6kA
04-01-20 Substitution:	20" Coil For Use On Machines Up To 6kA
04-01-24 Substitution:	24" Coil For Use On Machines Up To 6kA
04-01-26 Substitution:	26" Coil For Use On Machines Up To 6kA
04-01-28 Substitution:	28" Coil For Use On Machines Up To 6kA
04-01-30 Substitution:	30" Coil For Use On Machines Up To 6kA (Casting)
<b>Option Group</b>	<b>Control Features, Shared</b>
10-90-10-03:	Remote Mag and Demag Pendant
10-90-10-04:	*External Mag Push Button Assembly with 20' Cable
10-90-10-14:	Dual Finger Opto-Touch Control, 100" Cabinet, Adjustable Position
10-90-10-14:	Dual "Palm" Control, 100" Cabinet - Adjustable Position, Conventional Buttons
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)
<b>Option Group</b>	<b>Foot Switch Packages</b>
10-90-10-19-01:	*Independent, Guarded, Foot Switch Package - Wet Horizontal
10-90-10-19-02:	Dual, Guarded, Foot Switch Package - Wet Horizontal
<b>Option Group</b>	<b>Headstock and Tailstock Mounted Parts Rests</b>
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
<b>Option Group</b>	<b>Headstock and Tailstock Options, 6kA S/V</b>
01-02-06:	Headstock Assembly, Extended Base, 6kA For Use with Quick-Change Roller Rests, 19" Overall Height
<b>Option Group</b>	<b>Heat Exchanger Options</b>
10-90-60-81-04:	*4000 BTU Heat Exchanger Option, G280416G050
10-90-60-81-06:	6000 BTU Heat Exchanger Option, G280616G050
<b>Option Group</b>	<b>Hood Assemblies, 100" Wet Horizontals</b>
10-90-21:	100" Extended Manual Non-Autobath Hood Assembly
10-90-25:	100" Pneumatically Operated Swing Away Hood System
<b>Option Group</b>	<b>Hood Assemblies, 172" Wet Horizontals</b>
10-90-32:	172" Pneumatically Operated Swing Away Hood Frame, Ventilator and Curtain Assembly with White Lighting for 172" part capacity machine

