

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 G 50Hz 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

Option Group Bath System Modifications

10-90-00-02: Single Stainless Steel Pump Upgrade

10-90-60-50: External Stainless Steel Basket Strainer Assembly

Option Group Bed Modification Options

01-01-50: H/D Support Group for 100" Standard Standard Sized Bed

Option Group Cabinet Modifications, Standard 100"

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)

Option Group Coil Options

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

Option Group Coil Substitution Options, Air Core ≤6kA

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)

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

10-90-10-14: 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)

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

Option Group Hood Assemblies, 100" Wet Horizontals

10-90-21: 100" Extended Manual Non-Autobath Hood Assembly

10-90-25: 100" Pneumatically Operated Swing Away Hood System

Option Group Hood Assemblies, 172" Wet Horizontals

10-90-32: 172" Pneumatically Operated Swing Away Hood Frame, Ventilator and Curtain Assembly with White Lighting for 172" part capacity machine



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