



PLC Controlled MPI Machine.



Features

- ✓ Easily serviceable.
- ✓ Standard make PLC & HMI.
- ✓ Reverse agitation bath system.
- ✓ Stainless Steel collection tray.
- ✓ Steady Rollers for job placement.
- ✓ Digital, stepless current control.
- ✓ Both sides have Pneumatic clamping.
- ✓ Stainless Steel liquid storage tank.
- ✓ 7 Inch Touch Screen for control & display.
- ✓ Operator controlled an automatic double shot.
- ✓ Continuously movable tail stock with cam lock.
- ✓ PLC-Based Control. Automatic Cycle for faster testing.
- ✓ Error displayed on a touch screen for easy diagnostics.
- ✓ 50 Program memory to store settings for different parts.
- ✓ Heavy-duty transformers. No need to wait between two shots.
- ✓ AC to DC changeover for headshot uses solid-state circuitry.
- ✓ Integrated decaying-AC demagnetization with automatic control.
- ✓ Feedback loop-based current control with current failure indicator.
- ✓ Independent transformers & current control for Circular & longitudinal magnetization.

**TOP MAGNETIC PARTICLE TESTING
EQUIPMENT MANUFACTURERS
IN INDIA**

28
SINCE 1996
YEAR'S
Experience



Specifications

Control Voltage	24V DC	Power Supply	3 Phase 3 Wire 415V AC/220V AC
Frequency	50Hz or 60Hz	Maximum Part Length Accommodation	Starting from 600mm going up to 1500mm
Pneumatic Pressure Required	4-6 Kg/cm ²	Maximum Part Diameter	Starting from 100mm going up to 300mm
Maximum Part Weight	300Kg	Coil Diameters	300mm, 400mm, 500mm
Storage Bath Capacity	25 L	Headshot Current Capacity	Models starting from 2000A going up to 6000A
Touch Screen Display Size	7" Diagonal	Shot Time	Adjustable from 0.5 sec 2.0 sec

Horizontal Clamping Models

Model	Head Shot Capacity	Coil Shot Capacity	Coil Inside Diameter	Max. Part Length	Maximum Part Diameter
MK-20-C-60-A	2000A AC & HWDC	7.5 KAT AC	300mm	600mm	100mm
MK-20-C-120-A	2000A AC & HWDC	7.5 KAT AC	300mm	1200mm	100mm
MK-30-C-60-A	3000A AC & HWDC	10.0 KAT AC	300mm	600mm	150mm
MK-30-C-120-A	3000A AC & HWDC	10.0 KAT AC	300mm	1200mm	150mm
MK-40-C-100-A	4000A AC & HWDC	10.0 KAT AC	400mm	1000mm	200mm
MK-40-C-150-A	4000A AC & HWDC	10.0 KAT AC	400mm	1500mm	200mm
MK-50-C-100-A	5000A AC & HWDC	10.0 KAT AC	400mm	1000mm	250mm
MK-50-C-150-A	5000A AC & HWDC	10.0 KAT AC	400mm	1500mm	250mm
MK-60-C-100-A	6000A AC & HWDC	10.0 KAT AC	500mm	1000mm	300mm
MK-60-C-150-A	6000A AC & HWDC	10.0 KAT AC	500mm	1500mm	300mm

Vertical Clamping Models

Model	Head Shot Capacity	Coil Shot Capacity	Coil Inside Diameter	Max. Part Length	Max. Part Diameter
MK-20-C-20-V-A	2000A AC & HWDC	7.5 KAT AC	200mm	200mm	100mm
MK-20-C-30-V-A	2000A AC & HWDC	7.5 KAT AC	300mm	300mm	100mm
MK-60-BG (For Bull Gears)	6000A HWDC	10.0 KAT AC	450mm	100mm	400mm

Related Products



Demagnetizers



LED UV Lights



Residual Field Indicators



UV Light Intensity Meter

Accessories included

ASTM Pie Gauge

Centrifugal Tube with Stand

Copper Braided Contact Pads



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WE ARE HAPPY TO SERVE YOU

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