

Providing quality machine tools and customer satisfaction since 1974

## Magnetic Particle Inspection System 3062



*Find it before you  
fix it!*

AC/DC Magnetic Particle Inspection (MPI) is the most cost effective method of detecting both surface and internal cracks and imperfections in weld-joints or ferrous components such as shafts, castings, fasteners and more.

## The DCM Difference

- 62" Capacity
- Demag Cycle Includes Residual End Fields
- 16" Coil (20" Optional)
- Adjustable Head and Tailstock
- Pneumatic Tailstock Extension
- Stainless Steel Reservoir
- Variable Current Control
- Flashing Display During Demag Cycle
- Optional Remote Cable & Prods
- Optional Hood & Fan Assembly
- 3000 amps AC Output
- 7500 Ampere Turn Coil

## The DCM Difference



### Find it before you fix it

Magnetic particle inspection (MPI) is the most effective method of detecting cracks & imperfections in automotive parts including: crankshafts, cylinder heads, and connecting rods. The MPI procedure can be applied to any finished or inprocess ferrous metal parts. Crankshaft application shown. Both Head & Tailstock adjust to accomodate cranks of varying sizes

**DCM Tech's MPI 3062 is designed for quick, easy operation.**

### Features:

- State-of-the-Art electronic controls for convenient operation and easy visibility
- Flashing electronic display identifies the demag phase of operation
- Both head & tailstocks adjust for easy access of parts up to 62" in length. Extended lengths of 80" and 100" available

### Production Cylinder Head Fixture

Now you can examine all sides easily with the convenience of production cylinder head fixturing from DCM. Parts can be rotated without removing or manually lifting.



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### General Specifications

**Max Part Length:** ..... 62" (1575 mm)  
**Electrical System\*:** ..... 230V 1Ø, 100 Amps  
**Optional:** ..... 460V 1Ø, 50 Amps  
**Capacity:** ..... 500 lbs. (226.8 kg)  
**Floor Space:** ..... 36" D x 86" L (914 mm D x 2185 mm L)  
**Weight** ..... 1500 lbs. (680 kg)  
**Tank Capacity:** ..... 10 gal. (57 liters)  
**3000 Amp AC**  
**7500 Ampere Turn Coil AC**



## MPI 3062

The MPI 3062 series of magnetic particle inspection units offer enhanced features with head and coil shot, pneumatic tailstock, and increased capacity. Length options from 62" to 100" make this machine the Heavy Duty shop choice.



*DCM designs and builds a line of Industrial Rotary Surface Grinders and Automotive Rebuilding equipment. We have provided quality machine tools and customer satisfaction since 1974. Our response to customer needs over the years has allowed us to provide long lasting, application specific solutions to customers worldwide. Use of the DCM Tech Vertical Spindle Rotary Table Surface Grinders has consistently brought dollars to our customers' bottom line via process improvement.*