



**ENGINEERING AND
TECHNOLOGY, INC.**



Huntington Beach, California, USA

Advanced CNC Equipment for Metal Forming Technology
Heavy-Duty Necking Machines
Model MJC OSC 975





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MJC Design Features and Benefits

Revolutionary Design

- Increased Feed Rate
- Better Balance in Forming Forces
- Faster Cycle Times

Rugged Construction

- Massive Main Components
- Oversized Slide Bearings
- Extremely Rigid Forming Slide Units

Trouble-free Operation

- Quick Tooling Changeovers
- Low Maintenance
- Simple Diagnostics

Better Parts Faster

Proven Design

Economics





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MODEL OSC 9.75 Technical Specifications

Work piece dimensions:

Work piece Diameter
Maximum length

min. 50 mm/ max. 220 mm
max.. 1,300 mm

Machine Data:

Power main spindle drive:
Main spindle speed:
Longitudinal slide speed:
Longitudinal slide force:
Rotation Travel:
Rotation Speed:
Hydraulic drive power:
Chucking Method:
Clamping Force:
Chuck Opening Stroke:
Slide Lubrication Method:
Hydraulic components:
PLC Control:
CNC control:

55 kW AC Vector
max. 1000 rpm
0-160mm/sec
max. 55kN
110 degrees
0 – 90 degrees/sec.
30 kW
Hydraulic Draw Tube
200kN
12mm
Automatic
Parker Hannifin
Siemens Step 7
Siemens 840D



**ENGINEERING AND
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- ***Our Mission:*** To design and build factory equipment specifically for efficient, high production manufacturing of metal-formed parts.

- ***Applying the Appropriate Technology*** is MJC's specialty.
 - Appropriate for high tech or cost-effective, lean factories.
 - We match the customer's needs.
 - Automated factory machines
 - Advanced metal forming process technologies.
 - Composite material technology, training, and testing.



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SIEMENS SINUMERIK 840D

Computer Numeric Control System

- MJC utilizes Siemens SINUMERIK 840D control system which is utilized by most modern machine-tool builders today.
- The SINUMERIK 840D provides modularity, openness, a uniform structure for operating, programming and visualizing and provides a system platform with innovative functions for almost all technologies.
- The SINUMERIK 840D powerline offers a complete digital system which is especially suitable for complex processing tasks and is characterized by maximum dynamics and precision through the modular 32-bit microprocessor CNC continuous path control.
- The SINUMERIK 840D is serviced by Siemens worldwide.
- MJC provide a 2 year full warranty on all Siemens control systems.



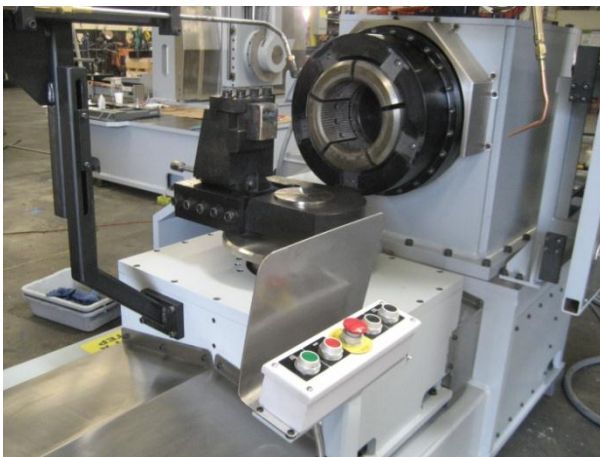


**ENGINEERING AND
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Providing world class technology and factory support to maintain your factory as a world-leader through the new century.

- MJC provides training and consulting to maximize your production processes.
- MJC provides full factory service and support worldwide.
- All MJC equipment carries a 12 month warranty.





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***MJC's Goal is to Create Good
Partnerships with Our Customers
to Ensure Long Term Success!***





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