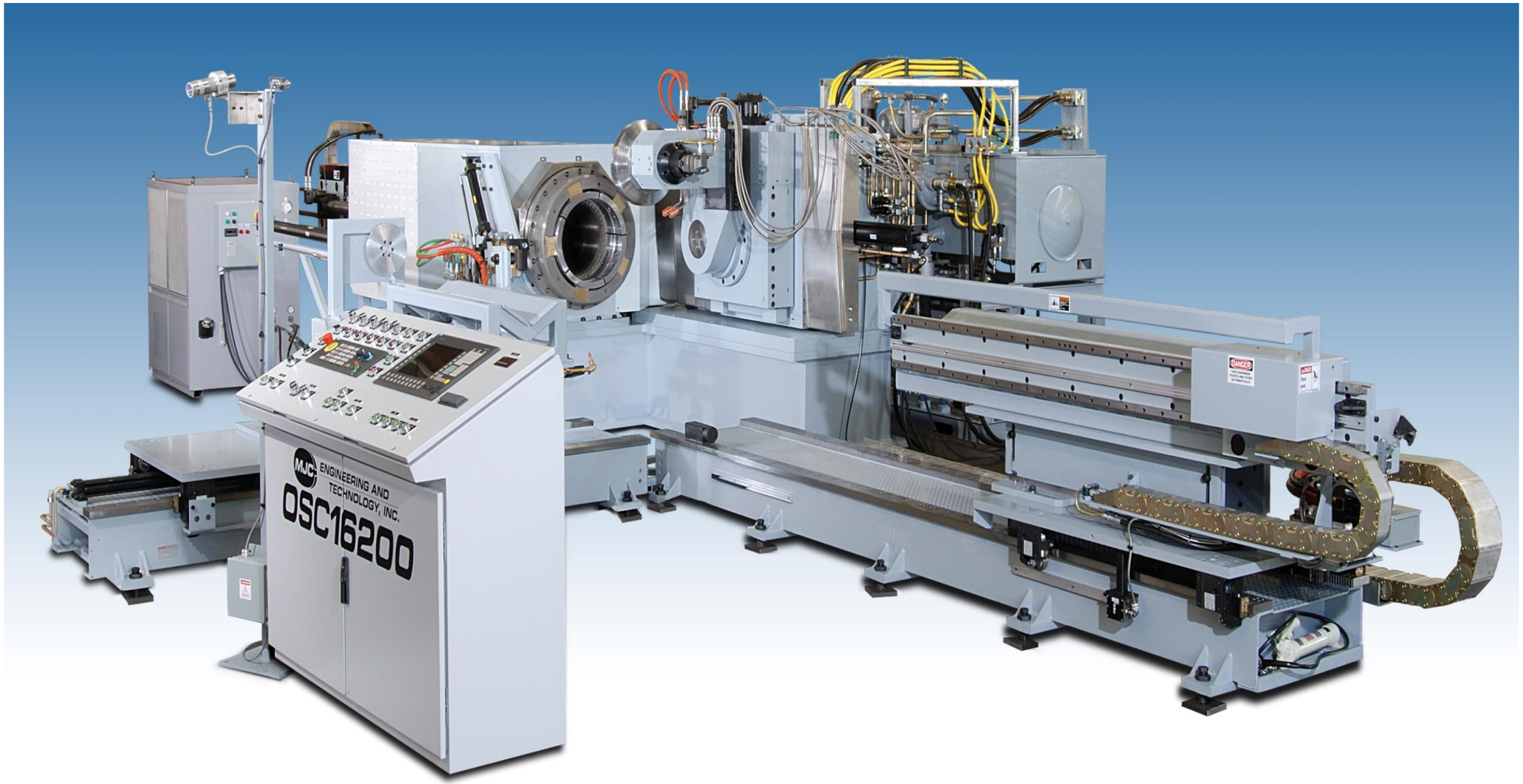
Heavy Duty CNC Neck Forming Machines

MJC Neck Forming Machines are specially designed for manufacturing of high pressure cylinders for a wide variety of industrial and commercial applications. This includes neck forming and end closing. Using the latest technology available and standard components ensures the highest productivity while keeping maintenance and cost of ownership the lowest in the world. MJC customers benefit from the best service and support in the industry through locally authorized service centers.



DESIGN FEATURES

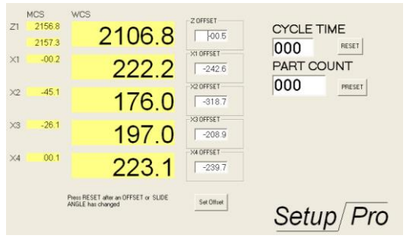
- 4-Roller Design
- Increased Feed Rate
- Better Balance in Forming Forces
- Faster Cycle Times
- Rugged Construction
- Massive Main Components
- Oversized Linear Slide Bearings
- Dual Z Axis Ball-screw Drives
- Hydraulic X Axes
- Extremely Rigid X Slide Units
- Trouble-free Operation
- Quick Tooling Changeovers
- Simple Diagnostics
- Low Maintenance
- Siemens Sinumerik Control System
- Custom Programming Software

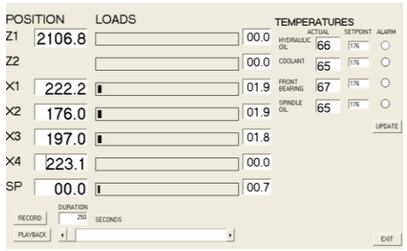
www.mjcengineering.com

15401 Assembly Lane, Huntington Beach, CA 92649 • Tel: (714) 890-0618 • Fax: (714) 895-3561 • Sales@mjcengineering.com

“SetupPRO”©
Machine Monitoring Software

- **Revolutionary software solutions from MJC that ease the use and setup of modern CNC flow forming machines.**
- **Roller Positioning and Offset Control**
- **Individually and Programmable Axial Roller Force Control**
- **Longitudinal Axis Force Feedback**
- **Main Spindle Motor Load Feedback**
- **Actual Cycle Time Timer for Production Cycle Optimization**
- **Production Part Counter for counting up or down**
- **Programmable Machine System Temperature Monitoring**





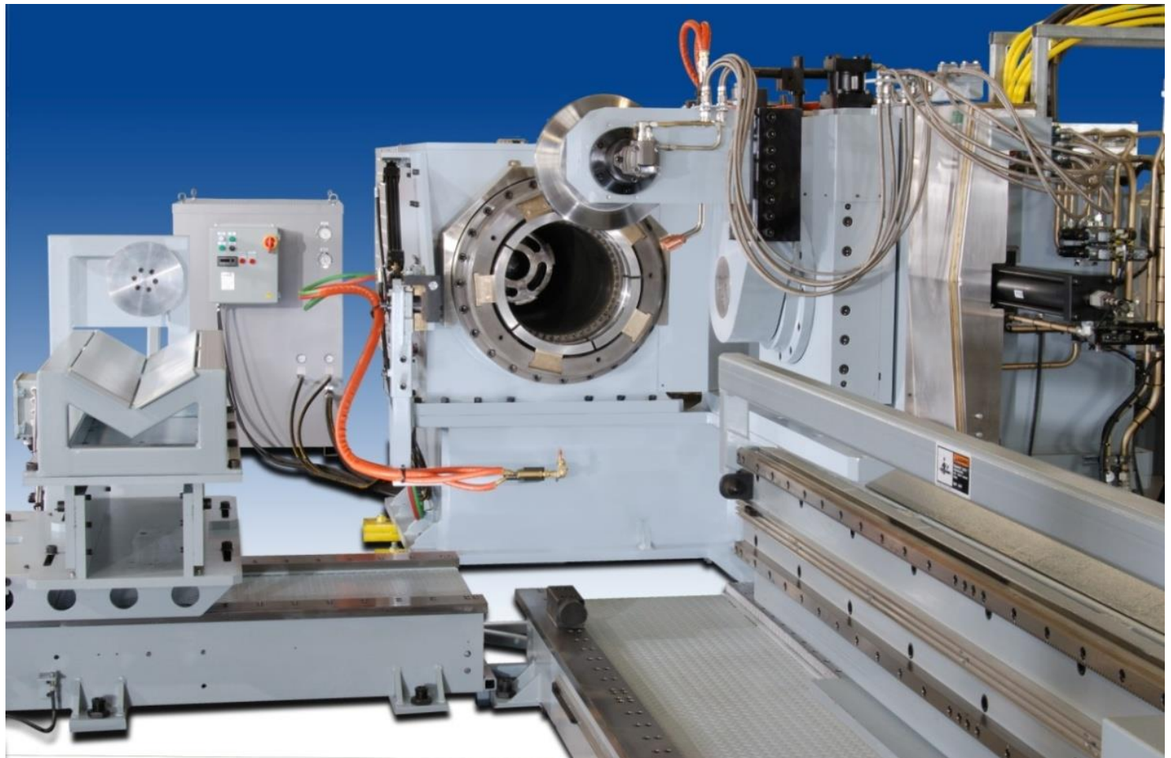
Machine Specifications

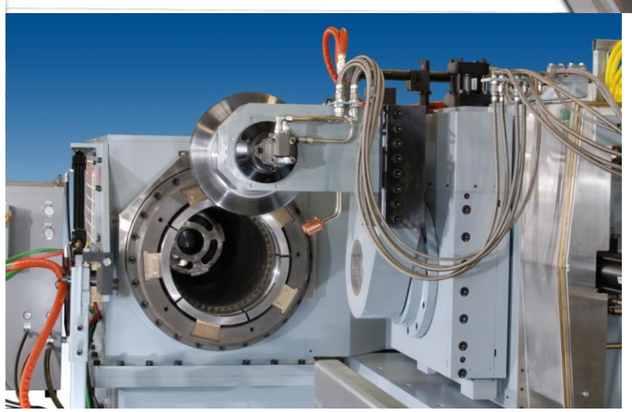
		OSC16.200	OSC11.100
Blank/Work piece dimensions			
Work piece Diameter:	**min/max**	**232 mm / 425 mm**	**150 mm / 285 mm**
Maximum length:		**2,500 mm**	**2,000 mm**
Machine Data			
Power main spindle drive:		**160 kW AC Vector**	**100 kW AC Vector**
Main spindle speed:		**max. 800 rpm**	**max.1000 RPM**
Longitudinal slide speed:		**0-160mm/sec**	**0-160mm/sec**
Longitudinal slide force:		**max. 165kN**	**max 75kN**
Rotation Travel:		**110 degrees**	**110 degrees**
Rotation Speed:		**0 – 60 degrees/sec.**	**90degrees/sec.**
Hydraulic drive power:		**65 kW**	**38kW**
Chucking Method:		**Hydraulic Draw Tube**	**Hydraulic Draw Tube**
Clamping Force:		**500kN**	**250kN**
Chuck Opening Stroke:		**17mm**	**10mm**
Slide Lubrication Method:		**Automatic**	**Automatic**
Hydraulic components:		**Parker Hannifin**	**Parker Hannifin**
PLC Control:		**Siemens Step 7**	**Siemens Step 7**
CNC control:		**Siemens 840Dsl**	**Siemens 840Dsl**

Specifications Subject to Change Without Notice

MJC ENGINEERING AND TECHNOLOGY, INC.

Advanced CNC Equipment for Metal Forming Technology
CNC Neck-Forming and End-Closing Spinning Equipment





ENGINEERED PERFECTION

MADE IN THE USA