Advanced CNC Metal Flow Forming Machines

With its new 2-rubber flow forming machines, MJC has developed the future within flow forming technology. This new concept has revolutionized the metal forming industry. MJC Flow Forming Machines are specially designed for the manufacturing of rotary and shear formed precision components. The cylindrical flow forming process allows great potential for weight optimization, reduction of production steps, and control of tight tolerance wall thicknesses. MJC customers benefit from the best service and support in the industry through locally authorized service centers.

DESIGN FEATURES

- 2-Roller Design
- Superior Feed Rate
- Better Balance in Forming Forces
- Faster Cycle Times
- Rugged Construction
- Oversized Linear Slide Bearings
- Servo Ball-screw Drives
- Rigid X Slide Units
- Trouble-free Operation
- Quick Tooling Changeovers
- Simple Diagnostics
- Low Maintenance
- Siemens Sinumerik Control System
- Custom programming software
“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

Blank/Work piece dimensions: SP-850-4
Min/max work piece Diameter:
Cylindrical length in forward flow forming:
Cylindrical length in reverse flow forming:

Machine Data
Tool mounting main spindle as per DIN 55022:
Power main spindle drive:
Main spindle speed:
Transverse slide unit force:
Transverse slide unit stroke:
Longitudinal slide stroke:
Longitudinal slide force:
Number of radial feed units in the slide:
Tailstock stroke:
Tailstock clamping force:
PLC Control:
CNC control:

Specifications Subject to Change Without Notice

Advanced CNC Equipment for Metal Forming Technology
CNC Flow Forming Machines
SP-850.4

MJC
ENGINEERING AND TECHNOLOGY, INC.

ENGINEERED PERFECTION

US Manufacturer of High Quality CNC Spinforming Equipment