

Heavy Duty “SPT” CNC Liner Forming Machines

MJC “SPT” Liner Spinning machines are specially designed for manufacturing of Aluminum Liner for Type III high pressure cylinders. 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.



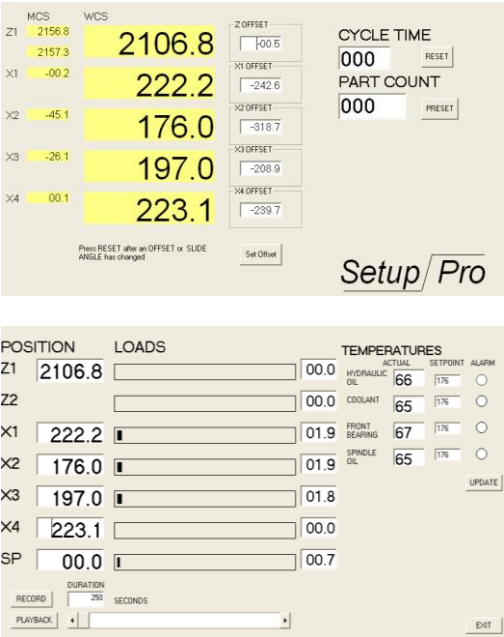
DESIGN FEATURES

- Part Temperature control with Pyrometer
- “SpinCAD”™ Programming Software Suite
- Siemens Sinumerik Control System
- Computer controlled end-stop
- Quick Tooling Changeovers
- Adjustable clamping force
- Trouble-free Operation
- Rugged Construction
- Dual roller System
- Simple Diagnostics
- Low Maintenance



“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



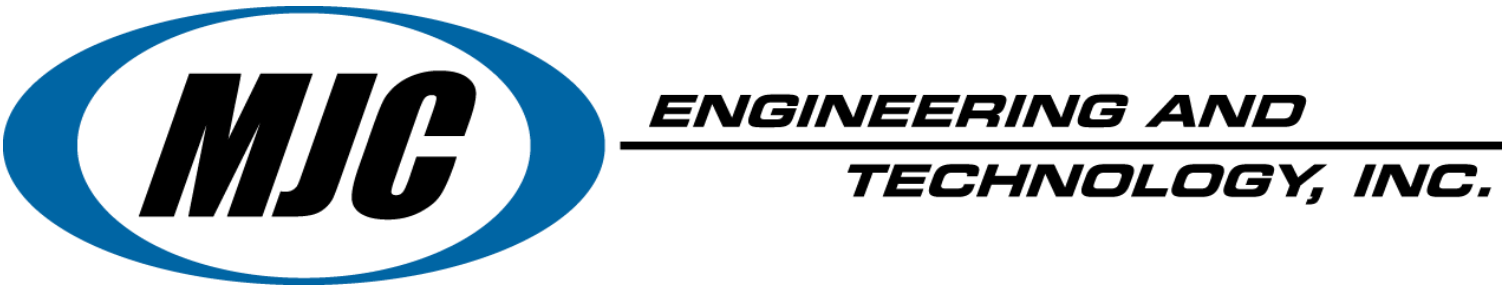
Machine Specifications

Blank/Work piece dimensions	SPT 9.40	SPT 10.75	SPT 16.100	SPT 20.150	SPT 26.150
Work piece Diameter, min/max	50 - 225mm	150 - 250mm	150 - 410mm	275 - 500mm	400 - 660mm
Wall thickness range, min/max	2 - 8mm	3-12 m	3-12mm	5 - 15mm	5 - 15mm
Maximum length:	2000mm	2500mm	3000mm	3000mm	4000mm

Machine Data

Power main spindle drive:	40kW AC	75 kW AC	100 kW AC	150 kW AC	150 kW AC
Max Main spindle speed:	800 rpm	650 rpm	500 rpm	400 rpm	400 rpm
Longitudinal Slide Speed:	0-150mm/sec	0-150mm/sec	0-125mm/sec	0-125mm/sec	0-125mm/sec
Max. Longitudinal Slide Force:	50kN	50kN	70kN	70kN	70kN
Transverse Slide speed:	0-150mm/sec	0-150mm/sec	0-125mm/sec	0-125mm/sec	0-125mm/sec
Max. Transverse Slide force:	50kN	50kN	70kN	70kN	70kN
Hydraulic drive power:	30 kW	30 kW	38kW	38kW	38kW
Chucking Method:	Air Chuck	Air Chuck	Air Chuck	Air Chuck	Spring Chuck
Clamping Force:	110KN/6bar	110KN/6bar	190KN/6bar	190KN/6bar	190KN
Slide Lubrication:	Grease	Grease	Grease	Grease	Grease
Hydraulic components:	Parker	Parker	Parker	Parker	Parker
Siemens PLC Control:	Step 7	Step 7	Step 7	Step 7	Step 7
Siemens CNC control:	840D	840Dsl	840Dsl	840Dsl	840Dsl

Specifications Subject to Change Without Notice



Advanced CNC Equipment for Metal Forming Technology “SPT” CNC Aluminum Liner Forming Machines



ENGINEERED PERFECTION

