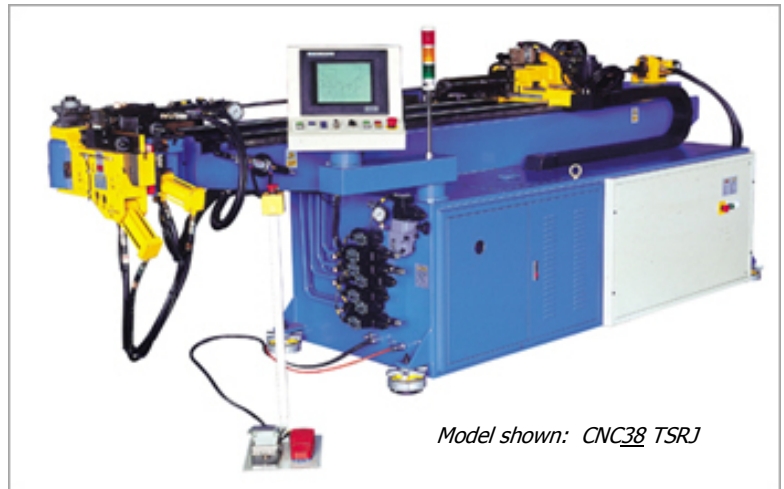


Data Sheet – CNC50 TSRJ

The CNC 50TSRJ is a 3 axis CNC tube bender for accurate bending of complex tubular components. The bending head drive is provided by hydraulics. Linear movements and rotations are performed Automatically, using AC Servo motors. The machine is designed to offer flexibility, accuracy and a high production capability.



Model shown: CNC38 TSRJ

TubeMart Tube Bending Machines:

Machine Model CSM CNC50TSRJ

Standard features:

Powered Follower Slide
Rise & fall clamping
Right Hand Bending
Single Stack for Draw Bending
Y, B Axes – CNC controlled Feeding and Rotation
C Axis - 2 Speed Hydraulic Driven Bending Head
Water Cooling System
Foot Pedal Cycle start
Wiper die Bracket
Operation and Maintenance Manual
CE Certification, safety mats and surround fencing

Master I Controller

PLC base 10" B & W LCD Touch Screen control - Easy and fast programming
100 sets of Program Storage
Metric and Inch setting conversion
English language display
Independent programmable speeds Y and B axes (10x8)

Technical Specifications: Model CNC50TSRJ

Bending Capacity / Round Tube / Mild Steel (S=40kgf/mm ²)	50.8 x 3.0mm	DBB (Feeding) speed	1300 mm/ sec
Bending Capacity / Round Tube / Non-Ferrous S=25kgf/mm ²)	50.8 x 5.0mm	Accuracy of DBB (Feeding)	±0.1mm
Bending Capacity / Round Tube / Stainless S=60kgf/mm ²)	50.8 x 1.8mm	POB (Rotation) Speed	300 deg / mm
Bending Capacity / Square Tube / Mild Steel (S=40kgf/mm ²)	40 x 3.0mm	Accuracy of POB (Rotation)	±0.1 degrees
Bending Capacity / Solid Bar / Mild Steel (S=40kgf/mm ²)	25mm	Motor for Hydraulic	7.5 Kw
Max. Bending Radius	30 – 220mm	Total Power	9.5 Kw
Max. Bending Angle	190 degrees	Max. Pressure	140 kgf / cm ²
Max. Length over Mandrel	2200mm	Hydraulic Tank Capacity	180 Litres
Working Height	1100mm	Machine Length	4030mm
Tooling Centre Line Height	40mm	Machine Width	1200mm
DOB (Bending) Speed	80 deg / sec.	Machine Height	1350mm
Accuracy of DOB (Bending)	±0.1 degrees	Machine Weight	2500 kgs

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