

Data Sheet – CNC38 TSRJ

CNC 38TSRJ 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.



TubeMart Tube Bending Machines:

Machine Model CSM CNC38TSRJ

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 CNC38TSRJ

Bending Capacity / Round Tube / Mild Steel (S=40kgf/mm ²)	38.1 x 3.0mm	DBB (Feeding) speed	1300 mm/ sec
Bending Capacity / Round Tube / Non-Ferrous S=25kgf/mm ²)	38.1 x 6.0mm	Accuracy of DBB (Feeding)	±0.1mm
Bending Capacity / Round Tube / Stainless S=60kgf/mm ²)	38.1 x 1.8mm	POB (Rotation) Speed	300 deg / mm
Bending Capacity / Square Tube / Mild Steel (S=40kgf/mm ²)	30 x 3.0mm	Accuracy of POB (Rotation)	±0.1 degrees
Bending Capacity / Solid Bar / Mild Steel (S=40kgf/mm ²)	20mm	Motor for Hydraulic	5.5 Kw
Max. Bending Radius	25 – 150mm	Total Power	7 Kw
Max. Bending Angle	190 degrees	Max. Pressure	140 kgf / cm ²
Max. Length over Mandrel	2200mm	Hydraulic Tank Capacity	135 Litres
Working Height	1060mm	Machine Length	3700mm
Tooling Centre Line Height	35mm	Machine Width	1100mm
DOB (Bending) Speed	100 deg / sec.	Machine Height	1300mm
Accuracy of DOB (Bending)	±0.15 degrees	Machine Weight	1400 kgs

e & o.e.