

SANCO

FULLY AUTOMATIC | SEMI AUTOMATIC TUBE BENDING MACHINES

CNC FULLY AUTOMATIC TUBE BENDING



- Touch screen controller with PLC or IPC.
- 3 axis / 5 axis CNC machines with various optional functions.

SEMI AUTOMATIC TUBE BENDING



- Clamping and bending pipe by hydraulic action.
- Feeding and Rotating pipe by hand.
- Bending accuracy upto $\pm 0.15^\circ$.

MACHINE FEATURES

Colour LCD Touch Screen control with PLC. • Can connect with internet for remote access
Input data of Y, B & C (Optional X, Y & Z) • Centralised Lubrication System • Compensation of tube spring back

OPTIONAL FEATURES

Mould as per requirement • Infrared Safety Fence • Automatic loading & Unloading

INDUSTRY PC CONTROLLER

Connectivity to internet, Team Viewer

BENDING APPLICATION

Material Types - Mild Steel • Stainless Steel • Aluminium • Copper Tubes
Shapes - Round • Square • Rectangular • Profile Tubes

PRODUCT RANGE

MODEL	CNC axis	Bending	Feeding	Rotation	Stack Up & Down	Stack Left & Right	No. of Stack	Optional Function
SRH	3	Hydraulic	Servo	Servo	-	-	Single	-
SRE	3	Servo	Servo	Servo	-	-	Single	-
SRE-R	3	Servo	Servo	Servo	-	-	Single	Rolling
DRE	5	Servo	Servo	Servo	Hydraulic	Hydraulic	Double	-
DRE-R	5	Servo	Servo	Servo	Hydraulic	Hydraulic	Double	Rolling
TRE	5	Servo	Servo	Servo	Hydraulic	Hydraulic	Three	-
TRE-R	5	Servo	Servo	Servo	Hydraulic	Hydraulic	Three	Rolling

Optional Functions : P - Punching / C - Cutting / LR - Left & Right Bending

CNC FULLY AUTOMATIC TUBE BENDING - TECHNICAL PARAMETERS

SPECIFICATIONS	Unit	38-CNC	50-CNC	65-CNC	75-CNC	89-CNC
Bending Capacity (Mild Steel)	mm	ø 38 x 2 t	ø 50 x 3 t	ø 65 x 4 t	ø 75 x 4 t	ø 89 x 6 t
Maximum Bending Radius	mm	200	300	350	400	450
Minimum Bending Radius	mm			1.5 x D		
Mandrel Length	mm	3000	3800	4000	4200	4500
Maximum Feeding One Time	mm	2500	2500	3000	3000	3000
Maximum Bending Angle	degree			190°		
Controller				PLC + Touch Screen		
Data Input				Working value Y, B & C		
Bending Precision	degree			± 0.15°		
Rotating Precision	degree			± 0.10°		
Feeding Precision	mm			± 0.10		
Bending Speed	deg / sec	120	90	90	70	60
Rotating Speed	deg / sec	200	200	200	160	120
Feeding Speed	mm / sec	900	800	600	500	500
Feeding Motor Power	W	1000	1000	1000	1500	1500
Rotating Motor Power	W	750	750	750	1000	1000
Hydraulic Motor Power	kW	4	5.5	5.5	7.5	11
Maximum Pressure	Mpa	12	12	14	14	14

* Specifications may change without notice / * More capacities available up to ø 219 mm

SEMI AUTOMATIC TUBE BENDING - TECHNICAL PARAMETERS

SPECIFICATIONS	Unit	38-NCB	50-NCB	65-NCB	75-NCB	89-NCB
Bending Capacity (Mild Steel)	mm	ø 38 x 2 t	ø 50 x 3 t	ø 65 x 4 t	ø 75 x 4 t	ø 89 x 6 t
Maximum Bending Radius	mm	200	300	350	400	450
Minimum Bending Radius	mm			1.5 x D		
Mandrel Length	mm	1600	2800	3000	3000	4000
Maximum Bending Angle	degree			190°		
Hydraulic Motor Power	kW	4	5.5	5.5	7.5	11
Maximum Pressure	Mpa	12	12	12	14	14

* Specifications may change without notice / * More capacities available up to ø 219 mm

Imported & Distributed in **INDIA** by



SANMACMACHINES

T-348, Sidco Women's Industrial Park, Vellanur Village, Thirumullaivoyal, Chennai - 600 062

admin@sanmacmachines.com

CHENNAI - WAREHOUSE & SALES OFFICE
Ph: 98421 50170, 73730 80170

COIMBATORE - SALES OFFICE
Ph: 98429 02430

MADURAI - HEAD OFFICE
Ph:94430 50170, 94430 30170

Manufactured by: **SANCO** SANCO GROUP, China. | www.sancomachine.com