

SHIPBUILDING STEEL

CNC Tuber Bender For Shipyard

CNC Tuber Bender Features • Bend-arm (C-axis) by hydraulic. Clamp dies by hydraulic, Pressure die by hydraulic. • Carriage (Y-axis) by servo motor. Collets (B-axis): rotation by servo motor, grip by hydraulic...

ISO9001 Supplier

Class Certificate

Export Supply



Key Highlights

Category	Shipbuilding Steel
Standard	ISO
Material	The machine is the ideal choice for the steel pipe processing.
Weight / Size	• CE, ISO9001 Certification CNC Tuber Bender Technical Specifications Mo...
Certificate	ABS, LR, BV, DNVGL, NK, KR, IRS, RMRS, CCS

We can supply according to your requirement, drawings, class certificate needs, and delivery schedule.

Technical Specifications			
Category	Shipbuilding Steel	Model / SKU	CNC-Tuber-Bender-For-Shipyard
Standard	ISO	Material	The machine is the ideal choice for the steel pipe processing.
Weight / Size	CE, ISO9001 Certification CNC Tuber Bender Technical Specifications Model CNC38 CNC50 CNC63 CNC75 Max bending capacity $\Phi 38$ mm$\times$2 mm $\Phi 50$ mm$\times$2 mm $\Phi 63$ mm$\times$3 mm $\Phi 75$ mm$\times$4 mm Max bending radius R200mm R250mm R270mm R270mm Min bending radius R18mm R20mm R25mm R30mm Max feeding length 2500mm 3000mm 3000mm 3000mm Max bending degree 190 Degree 190 Degree 190 Degree 190 Degree Bending unit 16 Pieces 16 Pieces 16 Pieces 16 Pieces Working speed Bending speed 150 Deg/sec 100 Deg/sec 85 Deg/sec 45 Deg/sec Rotary speed 200 Deg/sec 200 Deg/sec 180 Deg/sec 150 Deg/sec Feeding speed 1000 mm/sec 1000 mm/sec 900 mm/sec 800 mm/sec Accuracy Feeding ± 0.05 mm ± 0.05 mm ± 0.05 mm ± 0.05 mm Rotary ± 0.05 Degree ± 0.05 Degree ± 0.05 Degree ± 0.05 Degree Bending ± 0.05 Degree ± 0.05 Degree ± 0.05 Degree ± 0.05 Degree Oil motor power 4 Kw 5.5 Kw 4 Kw 7.5 Kw Max storage units 1000 Group 1000 Group 1000 Group 1000 Group Max pressure 12 MPa 12 MPa 12 MPa 12 MPa Oil tank 300 L 300 L 300 L 300 L Machine weight 1500 Kg 2500 Kg 3500 Kg 4600 Kg Machine size 3850$\times$760$\times$1200mm 4900$\times$1300$\times$1300mm 5000$\times$1400$\times$1300mm 5000$\times$1400$\times$1300mm	Certificate	ABS, LR, BV, DNVGL, NK, KR, IRS, RMRS, CCS
Warranty	12 Months unless specified otherwise	Origin	China

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CNC Tuber Bender Features

- Bend-arm (C-axis) by hydraulic. Clamp dies by hydraulic, Pressure die by hydraulic.
- Carriage (Y-axis) by servo motor. Collets (B-axis): rotation by servo motor, grip by hydraulic.
- Anticipated mandrel retraction unit.
- Fan-cooling system (much better than water-cooling system).
- Foot pedal for safe start.
- It is fully automatic tube bender, with PLC control system, two servo motor for rotary, feeding.
- Touch screen panel display English, have different bending degree prefabricate, dialogue operation, can choose manual, semi-automatic and full automatic operation manual, portable pedal switch with start and emergency stop function.
- Bending pipe — Automatic. Rotating pipe — Automatic. Feeding pipe — Automatic.
- Security code for the protection the data setting and selected operation features.
- To access to the history bending setting data to the facilitate study of malfunction with one set of tooling.
- All the parts of hydraulic system, control system, driver system and display system are imported from famous brand, with high accuracy, high efficient, suitable for mass production.
- The machine is convenient operation, stable performance and high safety factor. The machine is the ideal choice for the steel pipe processing.
- CE, ISO9001 Certification

CNC Tuber Bender Technical Specifications

Model		CNC38	CNC50	CNC63	CNC75
Max bending capacity		Φ38 mm×2 mm	Φ50 mm×2 mm	Φ63 mm×3 mm	Φ75 mm×4 mm
Max bending radius		R200mm	R250mm	R270mm	R270mm
Min bending radius		R18mm	R20mm	R25mm	R30mm
Max feeding length		2500mm	3000mm	3000mm	3000mm
Max bending degree		190 Degree	190 Degree	190 Degree	190 Degree
Bending unit		16 Pieces	16 Pieces	16 Pieces	16 Pieces
Working speed	Bending speed	150 Deg/sec	100 Deg/sec	85 Deg/sec	45 Deg/sec
	Rotary speed	200 Deg/sec	200 Deg/sec	180 Deg/sec	150 Deg/sec
	Feeding speed	1000 mm/sec	1000 mm/sec	900 mm/sec	800 mm/sec
Accuracy	Feeding	±0.05 mm	±0.05 mm	±0.05 mm	±0.05 mm
	Rotary	±0.05 Degree	±0.05 Degree	±0.05 Degree	±0.05 Degree
	Bending	±0.05 Degree	±0.05 Degree	±0.05 Degree	±0.05 Degree

Oil motor power	4 Kw	5.5 Kw	4 Kw	7.5 Kw
Max storage units	1000 Group	1000 Group	1000 Group	1000 Group
Max pressure	12 MPa	12 MPa	12 MPa	12 MPa
Oil tank	300 L	300 L	300 L	300 L
Machine weight	1500 Kg	2500 Kg	3500 Kg	4600 Kg
Machine size	3850×760×1200mm	4900×1300×1300mm	5000×1400×1300mm	5000×1400×1300mm