

CURVASSI

Rotary RTS Tube Bending Machines

The Curvassi RTS range of bending machines have been designed for high quality tube bending. Formers for bending metric tubes and gas pipes are readily available together with guide rollers and counter formers.

Four models are available with tube bending capacities of up to 100mm all with programmers for high efficiency production bending.



**Curvassi RTS
Tube Bender**

**WATCH THE
MACHINE IN
ACTION**



Machine Features

- Heavy duty construction
- Excellent bend quality
- Quick release guide block
- Digital read out of bending angle
- Counter read out for guide block position
- Variable bending speed
- Complete tooling service



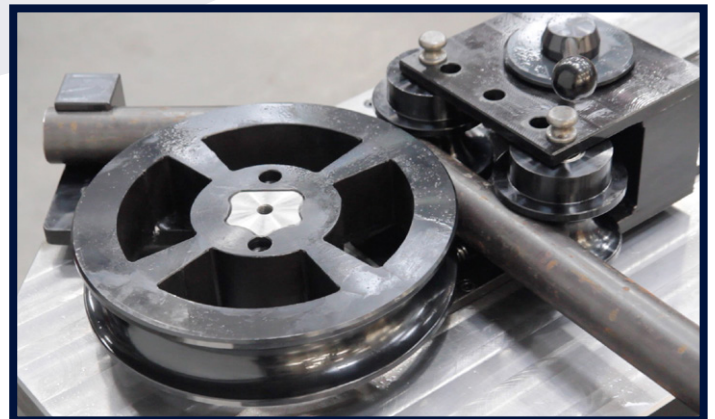
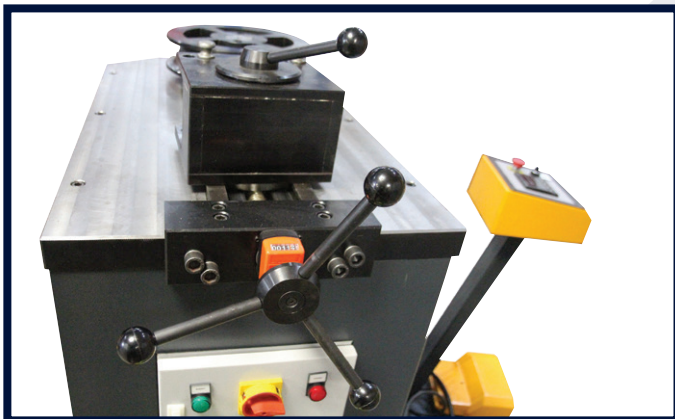
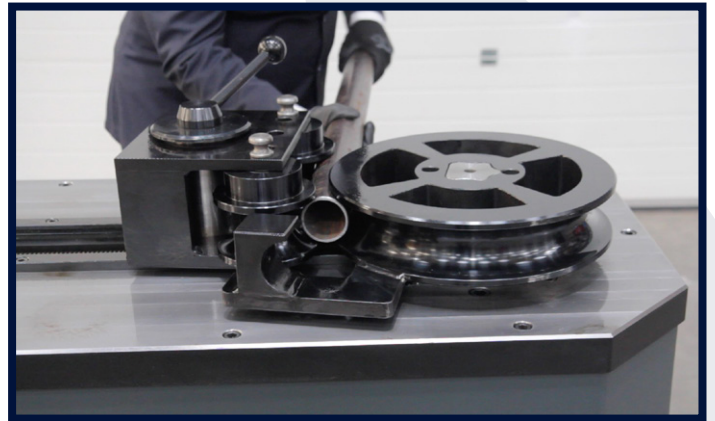
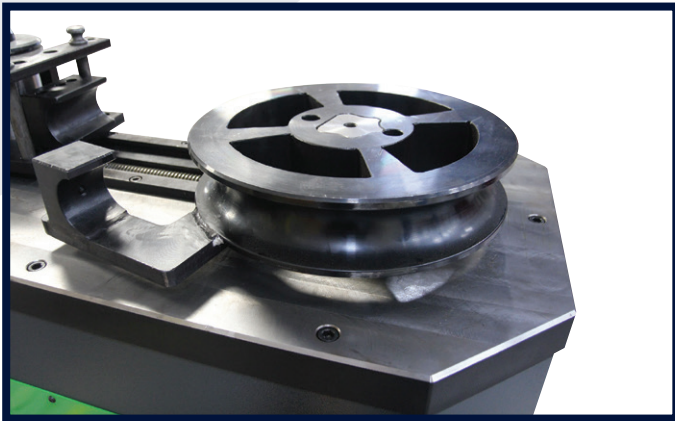
TOOLING



CONTROLLER



CONTROL PANEL



TECHNICAL SPECIFICATIONS

MODEL		RTS 48	RTS 60	RTS 76	RTS 100
STOCK CODE		21733	21730	21731	21732
Max. Tube Capacity (Mild Steel)	mm	Ø 48.3 x 3.5	Ø 60.3 x 4	Ø 76.1 x 4	Ø 100 x 4
Max. Profile Capacity (Mild Steel)	mm	40 x 40 x 4	50 x 50 x 4	60 x 60 x 4	80 x 80 x 4
Min. Bending Radius	mm	59	59	59	99
Max. Bending Radius	mm	350	425	450	475
Max. Bending Angle	deg	180	180	180	180
Height of Bending Head	mm	68	80	80	134
Motor	Kw	1.1	1.5	4.0	11
Bending Speed	RPM	2.5	2.25	3	1.7
Torque	Nm	4,202	6,367	12,000	61,717
Length	mm	800	1,200	1,300	1,400
Width	mm	566	600	700	800
Height	mm	1,000	1,200	1,300	1,700
Weight	Kg	315	510	650	1,600

CURVASSI RTS 48, 60 & 76 MINIMUM CENTRE LINE DIAMETER (CLD)

		PIPE DIAMETER (MM)								
		16	19	21.7	26.9	33.7	38	42.4	48.3	50.8
WALL THICKNESS (MM)	1	Ø118	Ø128	Ø142	Ø208	Ø258	N/A	N/A	N/A	N/A
	1.5	Ø118	Ø128	Ø142	Ø188	Ø238	N/A	N/A	N/A	N/A
	2	Ø118	Ø118	Ø142	Ø188	Ø198	Ø258	Ø258	Ø358	N/A
	2.5	Ø118	Ø118	Ø142	Ø178	Ø188	Ø258	Ø248	Ø348	Ø358
	3	Ø118	Ø118	Ø128	Ø178	Ø178	Ø248	Ø228	Ø298	Ø338
	3.5	Ø118	Ø118	Ø128	Ø168	Ø168	Ø228	Ø198	Ø288	Ø318
	4	Ø118	Ø118	Ø128	Ø158	Ø158	Ø198	Ø198	Ø268	Ø298

CURVASSI RTS 100 MINIMUM CENTRE LINE DIAMETER (CLD)

		PIPE DIAMETER (MM)													
		16	19	21.7	26.9	33.7	38	42.4	48.3	50.8	60.3	63	76.1	88.9	100
WALL THICKNESS (MM)	1	Ø198	Ø198	Ø198	Ø208	Ø258	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	1.5	Ø198	Ø198	Ø198	Ø198	Ø238	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	2	Ø198	Ø198	Ø198	Ø198	Ø198	Ø258	Ø258	Ø358	N/A	N/A	N/A	N/A	N/A	N/A
	2.5	Ø198	Ø198	Ø198	Ø198	Ø198	Ø258	Ø248	Ø348	Ø358	Ø408	Ø408	N/A	N/A	N/A
	3	Ø198	Ø198	Ø198	Ø198	Ø198	Ø248	Ø228	Ø298	Ø338	Ø398	Ø398	Ø550	N/A	N/A
	3.5	Ø198	Ø198	Ø198	Ø198	Ø198	Ø198	Ø198	Ø288	Ø318	Ø368	Ø368	Ø550	Ø750	Ø750
	4	Ø198	Ø198	Ø198	Ø198	Ø198	Ø198	Ø198	Ø268	Ø298	Ø348	Ø348	Ø498	Ø700	Ø750

Capacities are given for ST37 Steel Tube