

## 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 114mm 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



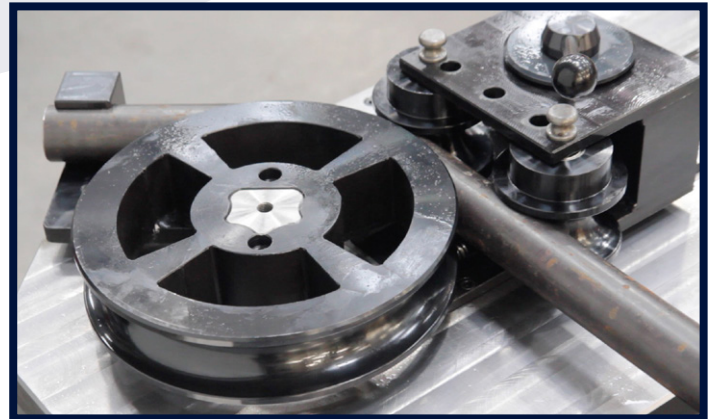
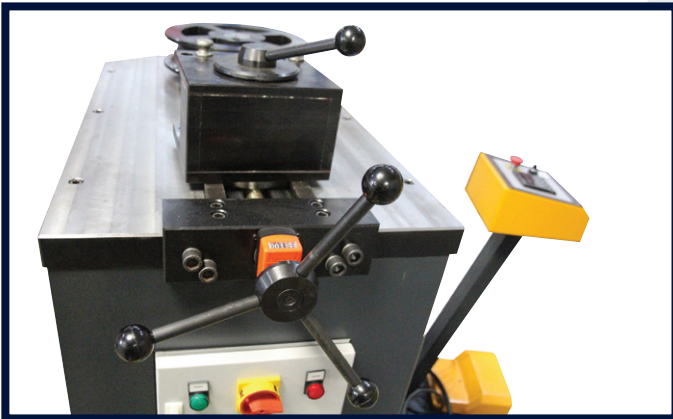
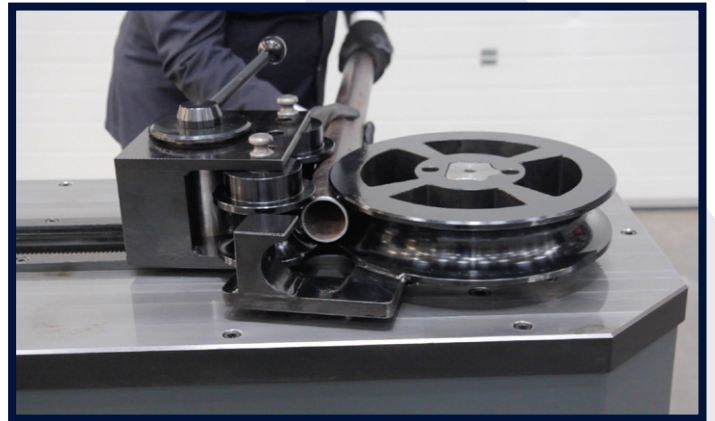
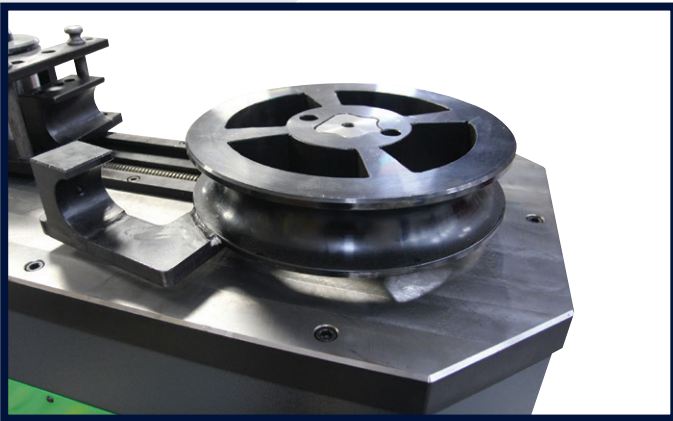
**TOOLING**



**CONTROLLER**



**CONTROL PANEL**



# TECHNICAL SPECIFICATIONS

MODEL		RTS 50	RTS 60	RTS 76	RTS 114
STOCK CODE		21733	21730	21731	21732
Tube Capacity (Mild Steel)	mm	48.3 x 3.5	60.3 x 4	76.1 x 4	114 x 4
Square Capacity (Mild Steel)	mm	50	40	60	80
Max. Bending Radius	mm	350	450	500	500
Max. Bending Angle	deg	180	180	180	180
Motor	Kw	1.1	1.5	4.0	7.5
Bending Speed	RPM	2.5	2.25	3	2.2
Length	mm	800	1200	1300	1600
Width	mm	566	600	700	1000
Height	mm	1000	1200	1300	1600
Weight	Kg	315	510	650	1200

## CURVASSI RTS 50, 60 & 76 MINIMUM CENTRE LINE RADIUS (CLR)

		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 114 MINIMUM CENTRE LINE RADIUS (CLR)

		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