



CBC Rotary ETM Tube Bending Machines

The CBC tube bending machines range from 'easy to use' simple machines to precision programmable production machines. A comprehensive tooling range ensures high bend quality on all models. All formers can be specified with either counter formers or guide rollers depending on material and wall thickness. Optional equipment includes moving arm with positioning stops and plane of bend indicator. The new large capacity CBC UNI 89 can effortlessly bend 88.9mm x 8mm wall mild steel tube.



**UNI 60 WITH
OPTIONAL BASE**

Machine Features

- Manual UNI 42 provides quality bending at competitive pricing.
- Superb bend quality.
- Complete tooling service.
- Adjustable limit switch with angle scale standard on UNI 42 and UNI 60. Programmer with memories including 'spring back' allowance standard on
- UNI42 digital, UNI 60 digital, UNI 70/C.
- NEW CBC UNI 89 with large 88.9mm x 8mm bending capacity.

Optional Equipment

- 2 wheeled cabinet available for UNI 42, UNI 42 digital, UNI 60 and UNI 60 digital.
- Moving arm with plane of bend indicator available for UNI 42, UNI 42 Digital, UNI 60 and UNI 60 Digital.
- 110V models.



All models pictured with optional tooling



CAST IRON FORMER



**COUNTER
FORMER**



ROLLER HOLDER



TIE ROD



**PLANE OF BEND
INDICATOR**



**ELECTRO MAGNETIC SWITCH FOR
ANGLE SETTING - STANDARD MODELS**



**UNI 42 MANUAL
C/W STAND**

CBC TUBE BENDING CAPACITIES

MODEL WITHOUT MANDREL	TYPE OF PIPE	Hard and soft copper pipes, annealed brass pipes	Steel pipes for electrical installations	Stainless steel AISI 304/316 pipes	Hydraulic steel tubes ST.35.4	Furniture tubes	FE boiler pipes	Aluminium pipes	Gas pipes UNI 5745	Double coated aluminium pipe	Standard bending radii
UNI 42 MAN	Ø (mm)	42	40	30	42	42	42	42	1" 1/4	50	3D and 4D
	Wall Thickness (mm)	1.5	1.5	2	3	3	3	3	Standard	Standard	
UNI 42	Ø (mm)	42	40	30	42	42	42	42	1" 1/4	50	3D and 4D
	Wall Thickness (mm)	1.5	1.5	2	3	2	3	3	Standard	Standard	
UNI 42 DIG	Ø (mm)	42	40	30	42	42	42	42	1" 1/4	50	3D and 4D
	Wall Thickness (mm)	1.5	1.5	2	3	2	3	3	Standard	Standard	
UNI 60	Ø (mm)	54	50	35	48	48	48	54	1" 1/2	63	3D and 4D
	Wall Thickness (mm)	2	1.5	3	4	3	3	3	Standard	Standard	
UNI 60 DIG	Ø (mm)	54	50	35	48	48	48	54	1" 1/2	63	3D and 4D
	Wall Thickness (mm)	2	1.5	3	4	3	4	3	Standard	Standard	
UNI 63	Ø (mm)	54	50	35	48	48	48	54	1" 1/2	63	3D and 4D
	Wall Thickness (mm)	2	1.5	3	4	3	3	3	Standard	Standard	
UNI 70/C	Ø (mm)	60	60	60	60	60	60	60	2"	50x50	3D and 4D
	Wall Thickness (mm)	4	2	3	4	3	4	5	Standard	4	
UNI 76	Ø (mm)	76	76	76	76	76	76	76	3"	60x60	3D and 4D
	Wall Thickness (mm)	8	6	4	6	6	6	8	Standard	3	
UNI 89	Ø (mm)	90	90	89	89	89	89	89	3"	70x70	3D and 4D
	Wall Thickness (mm)	10	8	6	8	10	8	10	Standard	5	

Special diameters and bending radii on request

TECHNICAL SPECIFICATIONS

MODEL		UNI 42 MAN	UNI 42	UNI 42 DIG	UNI 60	UNI 60 DIG	UNI 63	UNI 70/C	UNI 76	UNI 89
STOCK CODE		21194	21195	21196	21197	21198	21198/3	21199	21314	21364
Capacity (Mild Steel)	mm	42.4 x 3.2	42.4 x 3.2	42.4 x 3.2	48.3 x 3.2	48.3 x 3.2	48.3 x 3.2	60.0 x 4.0	76.0 x 6.0	88.9 x 8.0
Max. Bending Angle		180	180	180	180	180	180	180	180	180
Motor	Kw	-	0.56	0.56	0.98	0.98	1.5	1.5 / 2.2	3 / 4	4.8
Programs		-	-	50	-	50	50	70	50	50
Bends / Program		-	-	9	-	9	9	6	9	9
Length	mm	400	520	520	520	520	740	810	1000	1200
Width	mm	200	170	170	210	210	900	400	710	650
Height	mm	250	350	350	410	410	1000	1100	1100	1200
Weight	Kg	18	35	35	60	60	120	210	450	650

**WATCH THE
MACHINE IN
ACTION**

