



CNC mandrel bending machines for large tube diameters

Machine model	DB 40120-3A-CNC	DB 40120-CNC	DB 40120-CNC-VE	DB 40139-3A-CNC
Max. capacity steel tube (mm)	120 x 4,0	120 x 4,0	120 x 4,0	140 x 6,0
Max. capacity stainless steel tube (mm)	120 x 3,0	120 x 3,0	120 x 3,0	140 x 4,0
Steel pipe SCH 10	4" SCH 10	4" SCH 10	4" SCH 10	5" SCH 40
Square section (mm)				
Max. radius (mm)	300	300	300	350
Section modulus (cm³)	41,7	41,7	41,7	82,6
Usable length (mm)	6096	6096	6096	6096
Extension usable length (mm)				
Bending speed (°/sec.)	15	30	30	10°
Speed of front feed (mm/sec.)	300	800	800	300
Speed of rotation (°/sec.)	45	75	75	40
Bending axis repeatability (°)	+/-0,2	+/-0,1	+/-0,1	+/-0,2
Longitudinal repeatability (mm)	+/-0,5	+/-0,1	+/-0,1	+/-0,5
Rotational repeatability (°)	+/-0,2	+/-0,1	+/-0,1	+/-0,2
Power (kW)	40	45	45	40
Weight (kg)	14200	14200	14200	17200
L x W x H (mm)	8900 x 2300 x 1800	9000 x 2200 x 1850	9000 x 2200 x 1850	8900 x 2600 x 1900
Bending direction				
Bending drive				
Ancillary axes drive				
Available equipment options				
Radii changer/changing height (mm) 2-level/3-level		180 / 360	180 / 360	
Automatic loading	✗	✓	✓	✗
Push bending device	✗	✓	✓	✗
Booster		✓	✓	

On request
 Right or left

Electric
 Hydraulic

Subject to change without notice.
Weights and dimensions may vary depending on equipment options.



CNC mandrel bending machines for large tube diameters

Machine model	DB 40168-3A-CNC	DB 40220-3A-CNC	DB 60273-3A-CNC	DB 80330-3A-CNC
Max. capacity steel tube (mm)	170 x 8,0	220 x 12,0	273 x 16,0	325 x 20,0
Max. capacity stainless steel tube (mm)	170 x 6,0	220 x 10,0	273 x 14,0	325 x 18,0
Steel pipe SCH 10	6" SCH 40	8" SCH 80	10" SCH 80	12" SCH 80
Square section (mm)				
Max. radius (mm)	425	700	820	950
Section modulus (cm³)	160,4	394	799	1402,8
Usable length (mm)	6096	6096	6096	6096
Extension usable length (mm)				
Bending speed (°/sec.)	7	5	3	2
Bending speed (°/sec.)	300	300	250	200
Speed of rotation (°/sec.)	40	20	20	15
Bending axis repeatability (°)	+/-0,2	+/-0,3	+/-0,3	+/-0,3
Longitudinal repeatability (mm)	+/-0,5	+/-0,5	+/-0,5	+/-0,5
Rotational repeatability (°)	+/-0,2	+/-0,3	+/-0,3	+/-0,3
Power (kW)	60	85	90	90
Weight (kg)	23200	38700	55200	68000
L x W x H (mm)	9500 x 3000 x 2100	10500 x 4750 x 2400	11200 x 5400 x 2450	12300 x 6100 x 2450
Bending direction				
Bending drive				
Ancillary axes drive				
Available equipment options				
Radii changer/changing height (mm) 2-level/3-level				
Automatic loading	✗	✗	✗	✗
Push bending device	✗	✗	✗	✗
Booster				

On request
 Right or left

Hydraulic

Subject to change without notice.
Weights and dimensions may vary depending on equipment options.

