RBH / MBH

60 NC | 75 NC / 32 | 38

Rotary Draw and Mandrel Benders

Mandrel and **non-mandrel bending**, MBH & RBH, are two pivotal techniques for manipulating pipes, tubes, and various cylindrical materials. Each method offers **unique characteristics** that cater to specific industrial needs and provide tailored solutions for **creating precise bends**. Mandrel bending involves **inserting a mandrel** into the tube or pipe during the bending process. Non-mandrel bending, also known as freeform or rotary draw bending, uses **external dies** or **rollers** to apply force to achieve the desired curvature.

RBH			60 NC	75 NC
			2.36”	3”
Min. Radius		mm	R60 Ø16x4 (0.63x0.15”)	R75 Ø16x3 (0.63x0.11”)
Max. Radius		mm	R150 Ø60x2.8 (2.36x0.11”)	R220 Ø76x3.5 (3x0.14”)
Working Speed		rpm	0-4.5	0-4
Tube Type	Boiler	mm	60x2.8 (2.36x0.11”)	76x3 (3x0.12”)
	Mild Steel	mm	48x4 (1.8x0.15”)	76x3.5 (3x0.14”)
	Aluminium	mm	60x4 (2.36x0.15”)	76x6 (3x0.24”)
	Round Bar	mm	40 (1.57”)	45 (1.77”)
	Square	mm	40x40x4 (1.57x1.57x0.15”)	40x40x5 (1.6x1.6x0.2”)
Motor		kW	2.2 (3 Hp)	3 (4 Hp)
Dimensions (L/W/H)		mm	850x750x1200 (34x30x48”)	950x850x1250 (37x34x49”)
Weight		kg	330 (725 lbs)	500 (1,100 lbs)
Item No.			9410001	9410002

MBH		32	38
		1.25”	1.5”
Max. Material Ø	mm	Ø32x3 (1.25x0.11”)	Ø38x3 (1.5x0.11”)
Max. Bending Radius	mm	250 (9.8”)	
Max. Bending Angle		190°	
Hydraulic Pressure	bar	50-220 (725-3200 psi)	
Working Length	mm	2100 (83”)	3600 (141.73”)
Motor	kW	3.7 (5 Hp)	5.2 (7 Hp)
Tank Capacity	lt	20 (5.25 gal)	40 (10.5 gal)
Dimensions (L/W/H)	mm	2400x1200x1100 (95x48x44”)	4500x1150x1400 (177x45x55”)
Weight	kg	420 (920 lbs)	950 (2,090 lbs)
Item No.		9002206	9002207

RBH STANDARD CONFIGURATION

- NC Control
- Holder Attachment
- Free Holes
- Steel Welded Frame
- Thermal Power Reset Gauges
- 500 Program Memory
- Infinite Speed Adjustment
- 1 Set of Pipe Dies

MBH STANDARD CONFIGURATION

- 4.7” NC Control
- 100 Program Memory
- Hydraulic Clamping
- Motor Brake
- Square & Gauge Distance Attachment
- Support Pully
- Overload Protection
- Foot Pedal

MBH OPTIONAL CONFIGURATION

- Extra Die Sets
- Manual Lubrication System
- Hydraulic Oil Heater
- Extra Mandrel Length
- Flexible Mandrel

*The above specifications are subject to change without prior notice. No liability for printing mistakes. Machine may be shown with optional equipment.