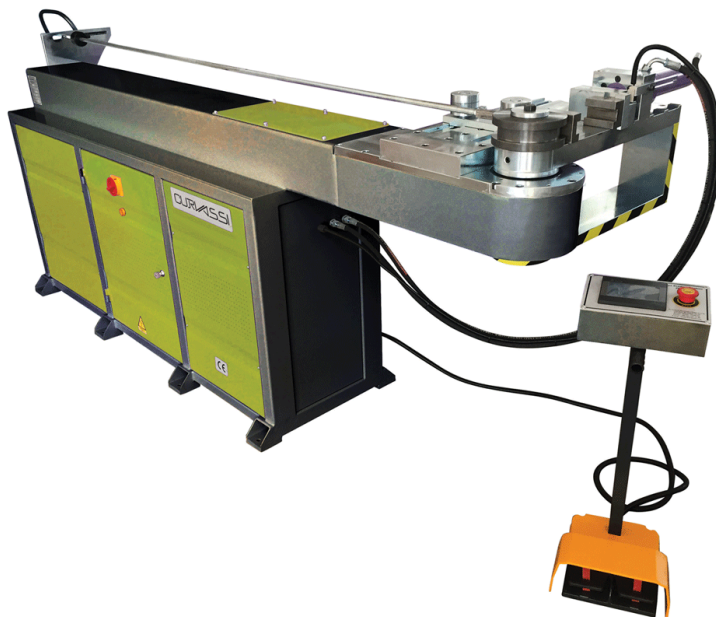


# CURVIASSI

## MTX 38 Mandrel Tube Benders

Capable of bending up to 38mm pipe diameter, the MTX 38 features a hydraulic vice, and a 4.7" Touch Screen programmable controller, for multi-step bending.

The Curvassi range of bending machines achieve fast and accurate bending in round and square tube, flat bar, round bar and square bar. Thin wall tube is effortlessly bend to a tight radius with the aid of a mandrel bar. The machines are ideally suited to production environments as a 180° bend is performed in just three seconds.



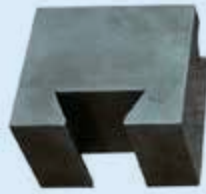
### Features

- 7" OMRON colour touch screen
- OMRON Safety PLC and 3kW inverter (variable speed and bending sensitivity)
- Safety emergency stop relay
- Real-time communication
- Hydraulic clamping, mandrel, and pressure die with linear slide system
- Mandrel early pull, ball mandrel, and wiper die capability
- Manual and automatic operation modes
- Pedal control and safety switches for precision
- Automatic angle compensation for material variation
- Smart energy-saving software mode
- Program recovery after power loss or emergency stop
- Remote assistance and software updates
- CE compliant

**THE FREE TOOLING INCLUDES BENDING DIE, CLAMP DIE AND PRESSURE DIE**



Bending Die



Clamp Die



Pressure Die

**MANDREL AND WIPER DIE ARE EXTRA PARTS AND PRICED EXTRA BASED ON THE DIAMETER OF THE PRODUCT TO BE BENT IF NEEDED**



Mandrel



Wiper Die

**THE FREE TOOLING INCLUDES:**

## **BENDING DIE, CLAMP DIE AND PRESSURE DIE**

### **Mandrel and Wiper Die**

Optional components, priced separately based on the pipe diameter if required.

### **Bending Die**

Standard component supplied with every tooling set, manufactured to the customer's specified diameter and radius.

### **Clamp Die**

Standard component included in all tooling sets.

### **Pressure Die**

Standard component included in all tooling sets.

### **Mandrel**

Available as either a ball or plug type, selected by the manufacturer according to the pipe and bend requirements. A ball mandrel is only used when essential.

### **Wiper Die**

Used only when necessary for thin-walled or tight-radius bends, typically in stainless steel. Its use is determined by the manufacturer.

MODEL		MTX 38 Mandrel	
Max Pipe Diameter	mm		38
Max Wall Thickness	mm		2
Max. Bending Degree			190
Max. Bending Radius			250
Min. Bending Radius	mm		45
Max. mandrel pipe taking length	mm		2500
WORKING SPEED Bending speed	D/min		6.5
WORKING TOLERANCE Bending	± 0.25		Hydraulic
Bending angle movement	kw		3
Hydraulic system	kw		1.5
Max. Hydraulic Pressure	Kg. / cm2 (bar)		140
Oil tank capacity	lt		50
Height	mm		1100
Width	mm		1000
Length	mm		3000