



Double Axis CNC Pipe Bending Machine means that we have 3 Axis to perform one is bending and another one will be linear positional axis which is operated by electric servo motor & Third Axis will perform to rotate the pipe.

Linear positional Axis will give the accurate positional displacement between two bends.

Rotational Axis will give the Accurate Degree of rotation of the pipe.

Our high efficiency 3D CNC automatic hydraulic pipe bending machine with the simple operation interface in English, high precision, high degree of automation and multi-function, each action of machine is controlled by PLC programmer control system

Main Features :

- Colour LCD Touch Screen Provided for Data Entry and Editing.
- Equipped with servo motor programmable axis, 2 axis 3 axis.
- Feeding : servomotor drive, rotation: servomotor drive
- Bending : hydraulic Cylinder and Bending Degree is encoder controlled.
- Highly Precise and Durable Hydraulic system and PLC unit.
- Multiple groups' pipe-bending information storage.
- Electric cabinet cooling fan and the hydraulic cooling system ensure the equipment longtime work stably under the high temperature.
- Touch screen control provide user friendly operations with the safety precautions.
- Push, turn axes powered by AC servo motors
- Data entry values are in terms of the Bending Angle, Bending Distance & Rotation Angle.
- Programmable position control for bend and position-speed control for push and turn.
- Independent pressure Die assist (friction boost).
- Anticipated Mandrel Withdrawal system provided. So that your cycle time get reduce when bending doesn't need the mandrel for the bend.
- Automatic Oil Lubrication System is provided so that sliding parts get lubricated periodically and get more life of the slides.
- Oil Cooling Heat Exchanger is Provided with Machine.

SPECIFICATION

Model	TLPPBM
Range of Bending Size	12-65 mm (1/2"-2 1/2")
Range of Wall Thickness	0.8-6 mm
Maximum Length	as per requirement
Controller	PLC
Screen	HMI Touch Screen
Axis	Controlled by servo
Range of Bending Radius	20-250 mm
Range of Bending Degree	5-180 degree
Bending Speed	60 degree/sec
Bend angle accuracy	+/- 25 degree

OUR LOCATIONS

H & O SHOWROOM

116,117,G.T. ROAD, SALKIA
HOWRAH-711 106

BOMBAY ROAD WORKS

NH-6 (BOMBAY RD),
P.O. - ARGORI, HOWRAH-711 302

DELHI ROAD WORKS(MANUFACTURING UNIT)

DURGAPUR EXPRESSWAY,
VILL - GOYE, PS. - DADPUR, PO. - DANRUPUR
HOOGHLY- 712 305

ODISHA WORKS

Plot No. 133,Phase-1,New
Industrial Estate, Cuttack-754021,Odisha

PUNJAB (MANUFACTURING UNIT)

G.T. Road,Dhandari,Kalan,
Punjab-141010

KOLKATA SHOWROOM

71, GANESH CHANDRA AVENUE
CHADNI CHOWK, KOLKATA- 700013,
WEST BENGAL.



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