

XM-B325NC Pipe Bending Machine brief introduction

Product controlled by a microcomputer, hydraulic drive, with a variety of different pre-bending angle, Chinese subtitles, interactive operation, can choose manual, semi-automatic operation mode, Mobile pedal switch both start, emergency stop two functions.

The machine is easy to operate, stable performance, high efficiency, high safety factor, is the ideal equipment fittings processing industry.

It applies to a wide range of fields, such as auto parts (brake tubing, bumpers, mufflers, seats, etc.), motorcycle manufacturing, shipbuilding industry, boiler industry, power industry, railway industry, fitness equipment, air-conditioned, the bicycle industry, steel home, bathing equipment and other industries.

Specifications

Parameter No. Name Unit Symbol Remarks

1 maximum bending diameter $\times \Phi 325 \times 32$ mm wall thickness steel

2 Maximum bending radius R1500 mm can be customized to increase

3 mm minimum bend radius based on the diameter

4 maximum bending angle of 190 degrees

5 control microcomputer control system

6 Standard wear core length 8000 mm according to customer requirements

7 pieces allow several elbow 16

8 can store the number of parts 16×16 Ge

9 Far micro motor 50KW

10 Maximum system pressure 16 MPa adjustable

11 hydraulic system control solenoid valve Yuken

Fuel tank capacity 2000 L 12 homemade

13 Overall dimensions 11000 $\times$ 3450 $\times$ 2480 mm

14 Machine weight about 48000 KG

XM-B325NC large hydraulic pipe bender structure of the program description

□, the device consists of the following components:

□ Host: Including elbow institutions, auxiliary push mechanism, the mandrel body, care feeding mechanism, electrical tank rack mechanism.

□ hydraulic system: Includes motors, pumps, various hydraulic valves.

□ PLC Control System: Includes PLC, liquid crystal displays, electrical components assembly.

□, the host part of the structure description:

□ elbow agency: elbow clamp, guide clip clamping are hydraulic clamping, structure type with a combination of both horizontal push rod clamping type.

Advantages: reliable clamping with self-locking function, pipe bends After taking convenient tube. The main parts, the head, the arms are made of whole cast elbow, tempering stress relief, reduce the deformation. Quenched and increase the overall rigidity of patience.

□ auxiliary push mechanism: with adjustable dovetail guide assembly type, hydraulic auxiliary push.

Advantages: increased fullness at the elbow arc, arc bends reduce the thinning rate. Adjustable dovetail guide clearance to ensure the accuracy of the elbow.

□ mandrel mechanism: hydraulic drive, automatic displacement of the mandrel can be driven by increased fullness at the elbow arc.

□ care feeding mechanism: manual feed tray type mechanism, adjustable retractable prevent tube falling from the mold, so that bends smoothly.

□ chassis, fuel tanks, electrical boxes agency: The frame is welded steel, equipped with inlaid open independent tank, insert open independent electrical box. Rack split a mesh cloth below the ribs, can carry loads in line. After tempering the overall frame welding, removal of stress concentration to ensure the machine without deformation

□, hydraulic system structure description: A variety of elbow operation as a power source, and a reasonable selection, to ensure plenty of power, stable and reliable.

□, PLC control system Description: The PLC + liquid crystal display, all actions are integrated operator interface, it can be any combination of a variety of actions, to avoid interference elbow.

For any questions,pls feel free to contact me.

Best regards,

Crystal



