

HST-BT300H Three Cylinders Vertical Hydraulic Bending Testing Machine



Picture is for reference only

1.Product introduction

HST-BT300H vertical hydraulic Bending Testing Machine adopts the technology of combining hydraulic loading and single-chip microcomputer system, and is mainly used for bending test of metal materials such as steel bars, steel plates or round bars. It consists of four parts: test host, oil source (hydraulic power source), measurement and control system, and test accessories.

HST-BT300H Bending Test Machine meets the requirements of GB/T 232-99 bending test of metal materials. The bending distance is adjusted by the horizontal cylinder stroke, which is very convenient to use. The testing machine can be used not only for metallurgical construction quality inspection departments, production enterprises to bend steel plates and rebars, but also for construction engineering raw materials, steel welding point bending performance testing, metallurgical enterprises, scientific research institutions, quality inspection, construction engineering, railway, Common equipment for testing and researching material bending properties in transportation, colleges and non-ferrous metal industries.

2.Test standard:

GB/T 232-2010 "Bending Test Method for Metallic Materials"

GB 1499.1-2007 "Steel for Reinforced Concrete Part 1: Hot Rolled Round Bar"

GB 1499.2-2007 "Steel for Reinforced Concrete Part 2: Hot Rolled Ribbed Steel Bar" and other relevant standard requirements.

3. Technical parameter:

Maximum thickness of bending flat specimen	20mm (width not greater than 60)
Maximum diameter of round specimen	Φ40mm
Bending angle range	0~180 degrees
Rated system working pressure	≤25MPa
Maximum test force for vertical bending	300kN
Vertical piston working stroke	300mm
Maximum force of double-position horizontal clamping	300kN
Single stroke of double-position piston	200mm
Motor power	1.5kw
Working voltage	380V/220V
Dimensions	1426×500×1850mm
Machine weight	1020KG