

The testing machine is used for bending tests of metal materials such as bars, plates and rebar for construction. It consists of four parts: the test host, hydraulic power source, standard bending head, and control system, with a test force of 400kN. It is loaded by a two-way hydraulic cylinder, and the distance between the support rollers is adjusted by the hand wheel and can be self-locked.

BENDING HEAD SPECIFICATIONS

Quantity	22 bending heads, 4 bending head bases
Diameter	6-192mm 24/30/32/40/48/50/56/60/64/70/72/80/88/90/100/110/125/140/160/168/192mm
Application range	HRB400/HRBF400/HRB400E/HRBF400E rebar with diameter 6-32mm
Weight	Net weight 55kg, total weight 60kg
Dimensions	650 × 370 × 135mm

*Bending heads of other specifications can be ordered separately if required.



TECHNICAL SPECIFICATIONS

Max loading capacity	400kN
Piston stroke	350mm
Working pressure	25Mpa
Application	Bend and reverse bend test
Specimen diameter	φ6-φ50mm
Installable bending head diameter	φ6-φ450mm
Support roller spacing	620mm
Cylinder loading speed	About 120mm/min
Host dimensions	1450mm × 640mm × 2000mm
Total power	1.1kW
Host weight	Approx. 1200 kg
Power supply	380V 3phase, 50Hz

