

REBAR BEND & RE- BEND TESTING MACHINE - TTRBM



ASTM A615, ASTM A615M, ASTM E290, BS 4449, DIN 488-2, API 5L, ISO 15630-1, ISO 7438

APPLICATIONS

TTRBM Rebar Bend and Re-bend Testing Machine is specially designed to test bend resistance performance of reinforced rolling steel bars, building steel reinforcements and steel plates which completely meet the requirement of ASTM A615, ASTM A615M, ASTM E290, BS 4449, DIN 488-2, API 5L, ISO 15630-1, ISO 7438 and other international/national specifications. Generally, the deform and plain carbon steel bar for concrete reinforcement on cut length shall withstand being bent around a pin without cracking on the outside radius of the bent portion, this machine is capable to be customized for guided-bend (U bend) test on steel plates/welds. It is the ideal testing equipment that is used for testing rebar or rebend performance of steel bars for steel industries and construction industries.

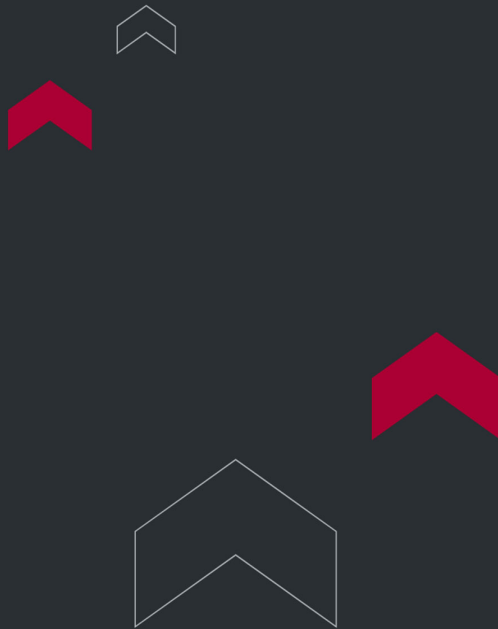
ASTM A615 / ASTM A615M Standard Specification for Deformed and Plain Carbon-Steel Bars for Concrete Reinforcement. This specification covers deformed and plain carbon-steel bars in cut lengths and coils for concrete reinforcement. Steel bars containing alloy additions, such as with the Association for Iron and Steel Technology and the Society of Automotive Engineers series of alloy steels, are permitted if the resulting product meets all the other requirements of this specification.

FEATURES

- Possible to perform bend and re-bend test on rebar
- Easy to operate, user friendly operation height
- Tight structure, steady running, low noise
- Interchangeable mandrel and user configurable bending angel

TECHNICAL SPECIFICATIONS

Model	TTRBM
Bending Angle	$\leq 180^{\circ}$
Rebar Diameter	$\Phi 5.5\text{-}\Phi 40$ (others upon request)
Steel Plate Thickness	6-25mm (others upon request)
Rotational Speed of Table	$\leq 3.7\text{RPM}$
Mandrel Center to Holding Arm	165mm
Diameter of Rotating Table	$\Phi 560\text{mm}$
Machine Dimensions	1050 × 740 × 1170mm (L × W × H)
Weight	700kg
Power	380V $\pm$ 10%, 3phase, 105kw
Note: 1. Mandrels upon request. 2. Custom power system for different countries and regions are available 3. 40 Liters 46# or 68# anti-wear hydraulic oil should be prepared by customer	



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