

BMT-150CF Besmak Cold Bend Testing Machine, 150 kN Capacity



TECHNICAL FEATURES:

Standards: EN ISO 15630-1, EN ISO 7438, EN 10080, ASTM A615

Used for bending and straightening steel reinforcing bars. Two types of tests can be performed:

1. Bending the specimen through 90° and then straightening it again up to a minimum of 20°.
2. Bending through 180°.

The 150 kN machine consists essentially of a hydraulic jack (linear actuator with stroke 600 mm) with cylindrical mandrel-stem, mounted horizontally within a strong steel frame which also carry two fixed reaction rollers. Two 50 and 100 mm dia. rollers are supplied with the machine. They may easily be adjusted with hand operated wheel in distance to be in accordance with the Standards. Fixing and changing the mandrels on top of the thrust cylinder is easy and practical and grants the operator a perfect interchangeability of the same. The machine is cased to protect every single component from the dust, and the operator from any possible danger.

Mandrels which are given with the machine are according to EN ISO 15630-1 and ASTM A615& A615M standards. Please specify your requested standard of mandrels when ordering.

BESMAK Code	Mandrel Diameter (mm)	Re-bar diameter (mm)
BMT-150CF/ EN ISO 15630-1 Set	24	4-6
	32	7
	40	8
	56	10
	64	12
	96	14
	112	16
	128	18
	132	20
	140	22
	180	24-26
	200	28
	224	30-32
	320	34-38
336	40	

BESMAK Code	Mandrel Diameter (mm)	Re-bar diameter (mm) (in.)
BMT-150CF/ ASTM A615& A615M Set	32	9.5 (3)
	44	12.7 (4)
	56	15.9 (5)
	96	19.0 (6)
	112	22.2 (7)
	128	25.4 (8)
	200	28.7 (9)
	224	32.2 (10)
250	35.8 (11)	

- Max loading capacity: 150 kN
- Piston travel max. speed: 60 mm/min
- Power: 1100 W
- Dimensions: 935x1750x1100 mm
- Weight approx.: 670 kg