

TENNSMITH UNIVERSAL HAND BRAKES

HBT

Tennsmith's HBT Series is designed to provide forming capabilities for complex parts. These machines are truly a universal hand brake, which allow for the removal of both upper and lower segments of fingers.



The HBT72-16 is built with the same high-quality features and standards that Tennsmith brakes are recognized for throughout the industry.

EBT

EBT Series is a versatile machine that allows for the removal and repositioning of both the upper and lower segments for forming complex parts. In addition, the EBT incorporates gas spring cylinders in lieu of traditional counterweights to assist in the bending process and the raising and lowering of the upper beam. The brake also features goat's-foot-style upper beam tooling.



	HBT48-12	HBT72-16	EBT60-16
Capacity, Mild Steel	12 Gauge 2.7 mm	16 Gauge 1.6 mm	16 Gauge 1.6 mm
Capacity, with Bending Support Angle Removed, Mild Steel	16 Gauge 1.6 mm	20 Gauge 1.0 mm	
Bending Length	48 in. 1220 mm	72 in. 1828.8 mm	60-1/4 in. 1537 mm
Maximum Lift Of Beam	1-1/2 in. 38.1 mm	1-1/2 in. 38.1 mm	4 in. 102 mm
Front To Rear Beam Adjustment	1/2 in. 13 mm	1/2 in. 13 mm	1 in. 25 mm
Maximum Depth Of Box	4 in. 101.6 mm	4 in. 101.6 mm	4-1/8 in. 105 mm
Minimum Reverse Bend	5/8 in. 16 mm	5/8 in. 16 mm	5/8 in. 16 mm
Minimum Flange In Capacity Material	1 in. 25 mm	1 in. 25 mm	
Top Segment Tooling Widths	2, 3, 4 in. 50.8, 76.2, 101.6 mm	2, 3, 4 in. 50.8, 76.2, 101.6 mm	
Lower Segment Tooling Widths	1, 1-1/2, 4, 6, 8, 12, 20 in. 25, 38, 102, 152, 203, 305, 508 mm	1, 1-1/2, 4, 6, 8, 12, 20 in. 25, 38, 102, 152, 203, 305, 508 mm	1, 1-1/2, 4, 6, 8, 12, 20 in. 25, 38, 102, 152, 203, 305, 508 mm
Bending Beam Tooling Segments	1, 1-1/2, 4, 6, 8, 12, 20 in. 25, 38, 152, 203, 305, 508 mm	1, 1-1/2, 4, 6, 8, 12, 20 in. 25, 38, 102, 152, 203, 305, 508 mm	
Maximum Transverse Bend (through tooling centers)	2 in. 50.8 mm	2 in. 50.8 mm	2-1/4 in. 57 mm
Maximum Transverse Bend (at either end of machine)	3 in. 76.2 mm	3 in. 76.2 mm	
Dimensions (counterweights in place)	72 x 36 x 53 in. 1829 x 915 x 1346 mm	89-1/2 x 36 x 53 in. 2273 x 915 x 1346 mm	72 x 45-1/2 x 31-1/2 in. 1829 x 1156 x 800 mm
Shipping Weight	1750 lbs. 795 kg	2200 lbs. 1000 kg	1150 lbs. 521.6 kg