

# Hand Brakes

- Model HB73-16
- Model HB97-18
- Model HB97-16
- Model HB121-18
- Model HB121-16
- Model HB121-14
- Model HB145-18



Model HB97-16



Model HB121-16

- Other adjustment features include:
- leveling screws and lock nuts on the pedestals;
- jack screws and tensioner bolts on the apron;
- truss rods on the apron, base, and upper leaf;
- and fully adjustable counter balances to facilitate the bending process.
- Removable apron angle and insert permit 1/4-inch reverse bends in lighter material.

Bored in-line to ensure perfect alignment, the pivot points are fitted with oil impregnated bearings. The hinge pins are high-tensile, alloy steel. Ductile steel clamp handles, heavy yokes, grease fittings, and an apron stop rod complement the many other fine features of these heavy-duty brakes.

TENNISMITH<sup>USA</sup>

TENNISMITH's heavy-duty hand brakes are designed and built for long service and accurate bending. Welded steel plate construction and heavy truss rods and braces provide strength and durability.

With much more substantial steel side plates than other domestically made units, these brakes have the rigidity required for upper leaf adjustment without the use of wrenches.

Equipped with thrust bearings, the upper leaf adjustment screws permit quick, accurate alignment for different material thicknesses or radii.

## SPECIFICATIONS

Heavy-Duty Hand Brakes	Model HB73-16	Model HB97-18	Model HB97-16	Model HB121-18	Model HB121-16	Model HB121-14	Model HB145-18
Capacity, mild steel	16 gauge 1.6 mm	18 gauge 1.25 mm	16 gauge 1.6 mm	18 gauge 1.25 mm	16 gauge 1.6 mm	14 gauge 2.0 mm	18 gauge 1.25 mm
Bending length	73 in. 1854 mm	97 in. 2464 mm	97 in. 2464 mm	121 in. 3073 mm	121 in. 3073 mm	121 in. 3073 mm	145 in. 3683 mm
Maximum lift of beam	1-7/8 in. 47 mm	1-7/8 in. 47 mm	1-7/8 in. 47 mm	1-7/8 in. 47 mm	2-1/4 in. 57 mm	2-1/4 in. 57 mm	2-1/4 in. 57 mm
Front to rear beam adjustment	1/2 in. 13 mm	1/2 in. 13 mm	1/2 in. 13 mm	1/2 in. 13 mm	1/2 in. 13 mm	1/2 in. 13 mm	1/2 in. 13 mm
Minimum reverse bend	1/4 in. 6 mm	1/4 in. 6 mm	1/4 in. 6 mm	1/4 in. 6 mm	1/4 in. 6 mm	1/4 in. 6 mm	1/4 in. 6 mm
Minimum flange in capacity material	1 in. 25 mm	1 in. 25 mm	1 in. 25 mm	1 in. 25 mm	1 in. 25 mm	1 in. 25 mm	1 in. 25 mm
Dimensions, counterweights in place, LxWxH	114 x 48 x 59-1/2 in. 2896 x 1220 x 1512 mm	138 x 48 x 59-1/2 in. 3506 x 1220 x 1512 mm	140 x 52 x 60 in. 3556 x 1321 x 1524 mm	159 x 52 x 60 in. 4039 x 1321 x 1524 mm	161 x 53 x 59-1/2 in. 4090 x 1347 x 1512 mm	162 x 54 x 63-1/2 in. 4115 x 1372 x 1613 mm	185 x 53 x 59-1/2 in. 4700 x 1347 x 1512 mm
Shipping weight	1200 lbs. 545 kg	1385 lbs. 628 kg	1675 lbs. 759.8 kg	2300 lbs. 1043 kg	2875 lbs. 1304 kg	3250 lbs. 1477 kg	3400 lbs. 1545 kg
Export crate	94 cu. ft. 2.67 cu. m	125 cu. ft. 3.54 cu. m	141 cu. ft. 3.99 cu. m	169 cu. ft. 4.78 cu. m	187 cu. ft. 5.30 cu. m	196 cu. ft. 5.57 cu. m	224 cu. ft. 6.36 cu. m

Optional hydraulic powered assist available. Ask dealer for more details.