

TENNSMITH FOOT SHEARS



Tennsmith's squaring shears offer precision shearing and rugged construction at an affordable price. The shear frame, bed and cutter head assemblies are constructed of heavy-duty cast iron. The shear bed is machined and then surface ground to precision tolerances to ensure an accurate working surface.

These shears feature tri-action, high-carbon/high chromium (HCHC) steel blades. Both the upper and lower blades have a 2-degree edge relief and the lower blade has an additional 1-degree face relief for maximum material penetration with minimum effort. Tri-action blades help prevent material movement while shearing, prolonging blade life.

Tennsmith shears have the most complete adjustment features of any sheet metal shear on the market. The lower shear blade is bed adjusting and the upper blade is adjustable by means of a truss bar on the cutter head. The spring-activated hold-down feet clamp the work piece securely in place and are easily adjustable to compensate holding pressure for light or heavy gauge material. There is ample clearance between the hold-down feet and shear blades to allow good operator vision for line-of-sight cutting. The standard, double-locking back gauge, which features embossed scales and vernier wheels for fine adjustment, gives highly accurate readings.

Standard equipment includes a back gauge, front extension arms with stop, bevel gauge and graduated side scales.

	Model 36	Model 52
Maximum Shearing Capacity, Mild Steel	16 Gauge 1.6 mm	16 Gauge 1.6 mm
Maximum Shearing Capacity, Stainless Steel	20 Gauge 1.0 mm	20 Gauge 1.0 mm
Maximum Cutting Length	37 in. 940 mm	52-1/4 in. 1327 mm
Back Gauge Range	30 in. 762 mm	30 in. 762 mm
Font Gauge Range	37 in. 940 mm	37 in. 940 mm
Floor Space, Gauges in Position	45 x 80 in. 1143 x 2032 mm	60 x 80 in. 1524 x 2032 mm
Dimensions, Less Gauges (L x W x H)	46-1/4 x 27 x 42 in. 1181 x 686 x 1067 mm	61 x 36 x 42 in. 1550 x 915 x 1067 mm
Shipping Weight	700 lbs. 317.5 kg	950 lbs. 431 kg