

## Technical Specifications

### Tennsmith Air & Hydraulic Shears



Rugged construction, Precision shearing, High quality, Economical

A foot-operated air valve control, pressure regulator, air gauge, oiler/condenser cups and neoprene, padded holddown feet are standard features. We recommend a maximum air supply of 75 psi for operating these shears at rated capacity. Where air supply pressures exceed 75 psi, an in-line regulator is helpful to provide pressure control.

The model 52H cycles at 45 strokes a minute, thanks to its first-class hydraulic system. The hydraulic unit is of a low maintenance design featuring a solenoid actuated valve, 2-hp electric motor, self-contained pump in tank with pressure gauge, check valve and industrial quality cylinders. The motor is protected by a magnetic starter.

Other electrical safety features include a low voltage on/off switch; low voltage, shrouded, electric foot switch; step-down transformer with low voltage circuit fuse; fully enclosed electrical box; and insulated reinforced conduit for all wiring. Models 36A and 52A are ideal ways to enhance shearing productivity with minimal investment.

All shears are standard, equipped with high carbon/high-chromium (HCHC) blades.

Power Shears	Model 36A	Model 52A and 52H
Maximum shearing capacity, mild steel	16GA	16GA
Maximum shearing capacity, stainless steel	20GA	20GA
Maximum cutting length	37 in	52-1/4 in
Back gauge range	30 in	30 in
Front gauge range	37 in	37 in
Floor space, gauges in position	45 x 80 in	60 x 80 in
Dimensions, less gauges, LxWxH	46-1/4 x 24 x 42 in	61 x 25 x 42 in
Strokes per minute, full length	40	40 and 45
Maximum operating pressure	75 psi	75 psi
Air consumption per stroke	1.1 cu. ft.	1.33 cu. ft. and N/A
Motor-230/460v, 3-phases, 60Hz, 1745 RPM	N/A	N/A and 2 hp