

PRIMELINE

HYDRAULIC (SWING BEAM TYPE) POWER SQUARING SHEARS



BACK GAUGE



BACK GAUGE CONTROLS

Capacities of
6' x 1/4" and 10' x 3/16"

PRIMELINE

6' x 1/4" & 10' x 3/16" HYDRAULIC POWER SQUARING SHEAR

FEATURES:

- Swing-beam construction
- Rigid all steel frame, featuring welded construction of the main frame and blade beam, and with overall low profile.
- Upper blade carrier mounted on maintenance-free, self aligning, spherical bearings.
- Swivel-mounted, double action, hydraulic cylinders. Cylinder pistons are honed inside and pistons are ground.
- Hydraulic unit located for convenient and easy access using top quality components.
- Holddowns operate with pressure proportional to the shearing force, eliminating or reducing marking on light material.
- Low rake angle of upper blade (eliminating or minimizing distortion of most narrow cut-offs)
- Rapid, single-point blade-gap adjustment device.
- Ball transfers in table fillers.
- Low voltage at the controls.

STANDARD EQUIPMENT:

- The complete hydraulic system.
- 30" Power front-operated back gauge with electronic digital readout, push button controls for fine adjustment.
- Light beam shearing gauge.
- Rapid, single-point, blade-gap adjustment device.
- Finger guard.
- Left hand squaring arm with scale in inches, length 40".
- Electrics for 3/60/220 or 3/60/440. Y-Delta starter. Low voltage at the controls. Key-lock switch for On/Off for power supply. Emergency stop palm button. Top quality electrical components.
- Electric foot switch on a trailing lead.

OPTIONS:

- Longer squaring arms
- Rear guards

SPECIFICATIONS	Model 60025P	Model 10187P
Capacity - Mild Steel *	6' x 1/4"	10' x 3/16"
Capacity - Stainless Steel **	6' x 5/32"	10' x 5/32"
Usable Overall Blade Length	81"	120"
Rake Angle of Upper Blade	1.6°	1.6°
Blade Gap Adjustment	.00193" - .0256"	.00193" - .0256"
Stroke per Minute - Full Length	20	20
Hydraulic Holddowns	13	17
Motor HP (at 440 volts)	16	16
Back Gauge Range	30"	30"
Floor Area - L x W x H	112" x 66" x 61"	152" x 69" x 62"
Approximate Weight - lbs.	8,200	11,900

* Steel to 80,000 PSI

** Stainless to 90,000 PSI

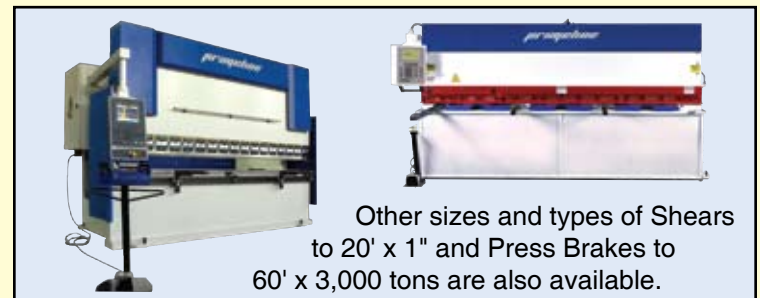
Both with yield strengths at or below 50% of tensile strength for maximum capacity shown.



Ball transfers located in table for ease of material handling.



Rapid, single-point, blade gap adjustment device.



Other sizes and types of Shears to 20' x 1" and Press Brakes to 60' x 3,000 tons are also available.

All data are approximate. Design and specifications are subject to change without notice.

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