

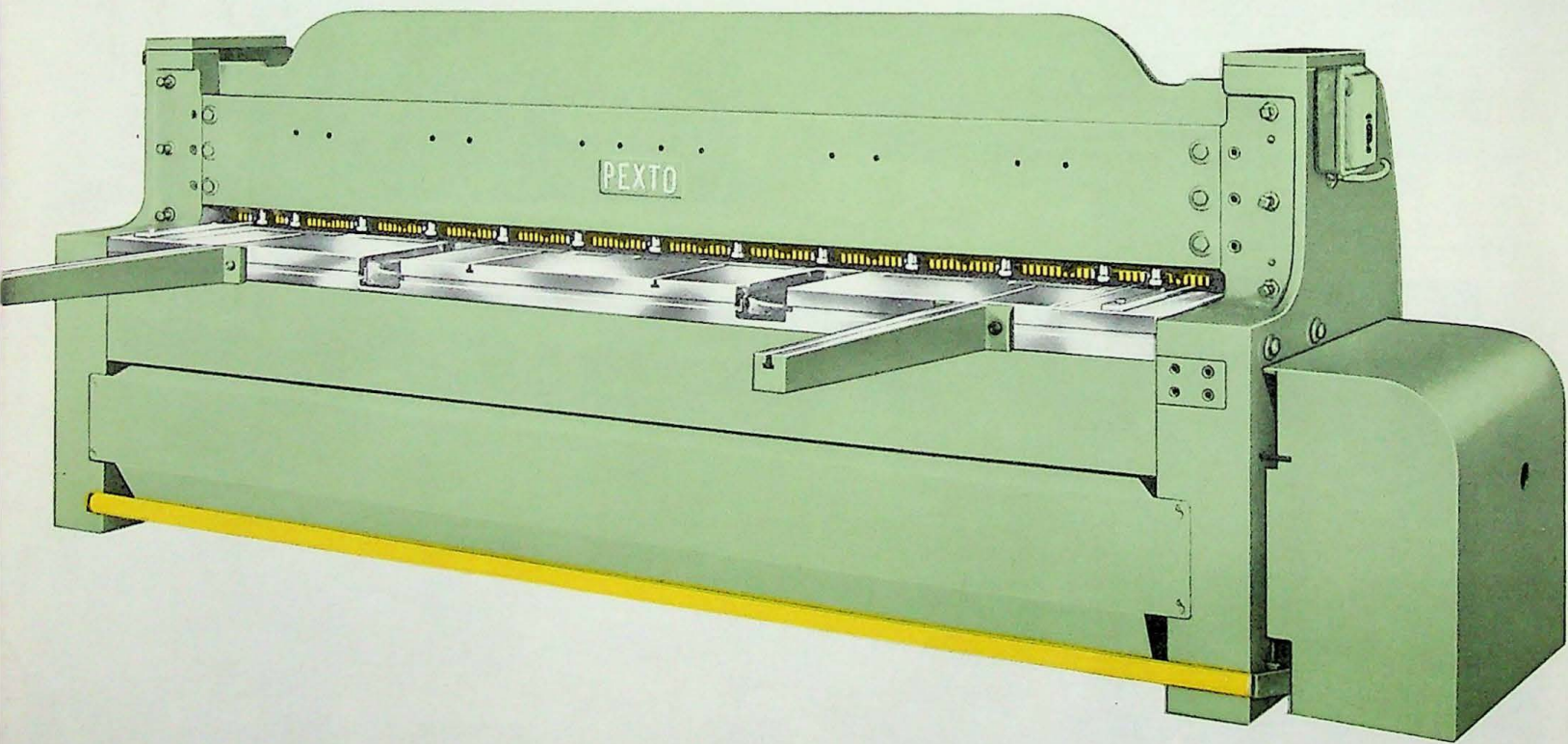


PEXTO

* Registered trademark

HEAVY DUTY PRECISION POWER SQUARING SHEARS

Job Equip



PEXTO

Since 1785

FOR ACCURATE REPRODUCTION OF SQUARED BLANKS

*For Accurate
Clean Cut
Continuous
Production*

PEXTO **HEAVY DUTY** POWER SQUARING SHEARS

Powerful Heavy-Duty precision squaring shears designed for continuous cutting at full rated capacity. Frame, bed and crosshead are made from high grade machine tool castings. Positive, self compensating holddowns; precision gauging, and built in blade clearances provide accurate clean cuts. Engineered to utilize the maximum cutting life of each of the four edges of the knives. Close setting at the cutting edge is held while proper face and edge clearances between upper and lower blade are developed as shear stroke progresses past the point of cut — a feature of particular importance in shearing stainless steel sheet. Hold-down beam serves as fixed tie brace, and is easily removed for blade changing and adjustable for varying pressures when required.

All shears are equipped with the Famous Pexto Safety Square Pin Clutch — simple, trouble free — requiring little maintenance. Conveniently located selector for changing from repeat to non-repeat cycling without tools. When set for non-repeat, clutch will permit only one stroke each time treadle is depressed.

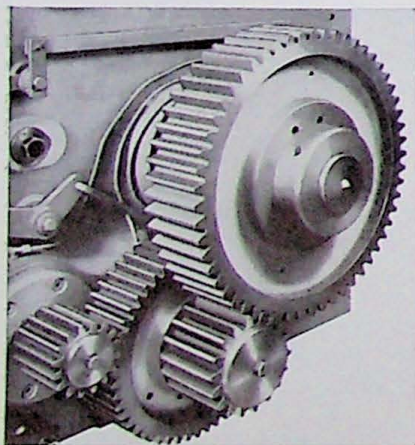
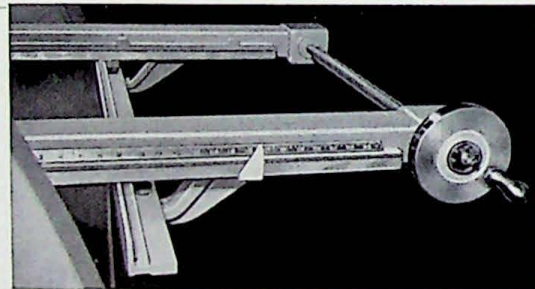
Full length treadle, adjustable metal Finger Guard — Dynamic Safety Coloring.

Full Visibility directly over holddown beam to edge of lower blade for cutting to a scribed line.

The Pexto 10 gauge series shears are designed especially for the Sheet Metal Fabricator, conservatively rated for heavy duty, long-life, maintenance-free operation.

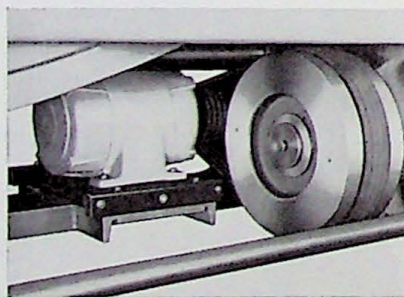
STANDARD BACK GAUGE — (HAND DRIVEN) NO. B-24

An improved back gauge of entirely new design! Precision-cut screws are mounted in Timken bearings at hand wheel end and needle bearings at front end. Gauge brackets travel in hand scraped ways for accurate alignment. Pointer indicates to nearest $\frac{1}{8}$ ". Hand wheel graduated in $\frac{1}{128}$ ". Can be set at any desired point and locked in place with friction-brake lock. A parallel precision gauge — 24" range standard on 10 gauge series. All shears furnished with 1 pair front arms, front gauge, 2 side gauges and flush mounted bed scales.



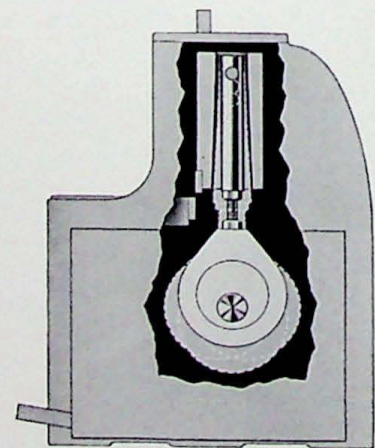
GEAR TRAIN 10-U-10

Double reduction gearing through 20° pressure angle steel pinions and cast gears provides smooth power transmission from Timken mounted fly-wheel and intermediate shaft to the bronze bearing main shaft.



DRIVE

Matched "V" belts drive the flywheel from the motor mounted on quick adjusting Motor Base. Completely protected with full-skirt front guard, and rear guard that serves as stock chute. Scrap and stock fall free of drive unit. Higher flywheel speed and anti-friction bearings add to the smoothness and accuracy of the shear.

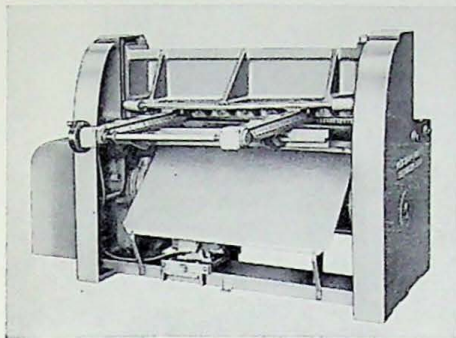


CROSSHEAD SUSPENSION 10-U-10

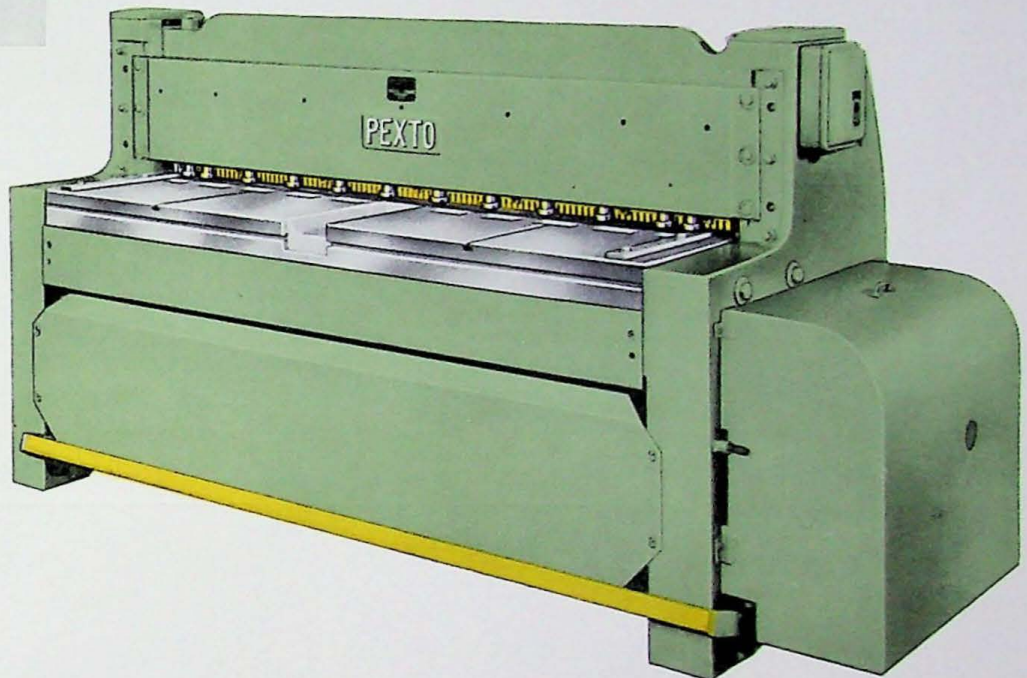
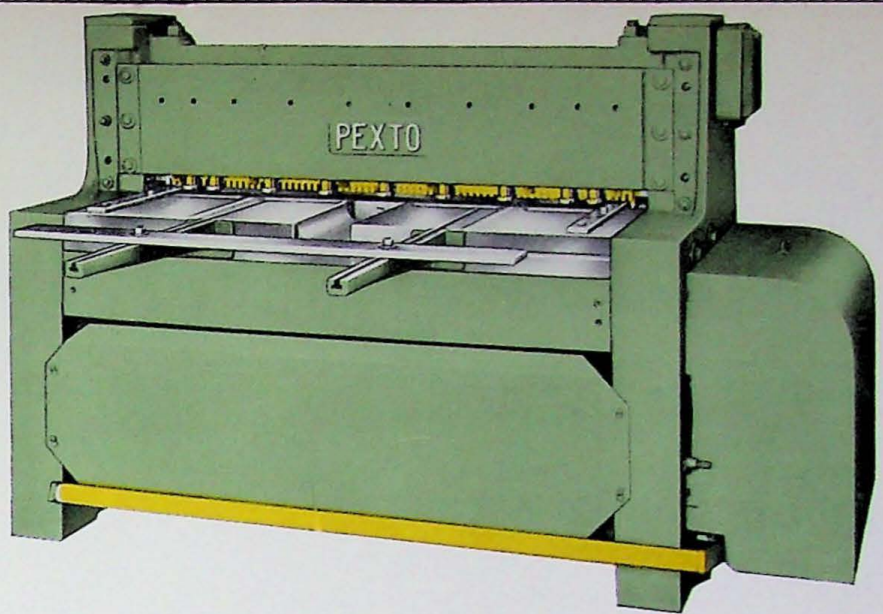
A unique method of mounting minimizes the angular motion of the connecting rods, making more efficient use of the power applied and effectively reducing side-thrust and wear on the main shaft and eccentrics.

PEXTO 10-U-4

10 gauge underdriven
4 foot capacity



Rear view showing
stock chute

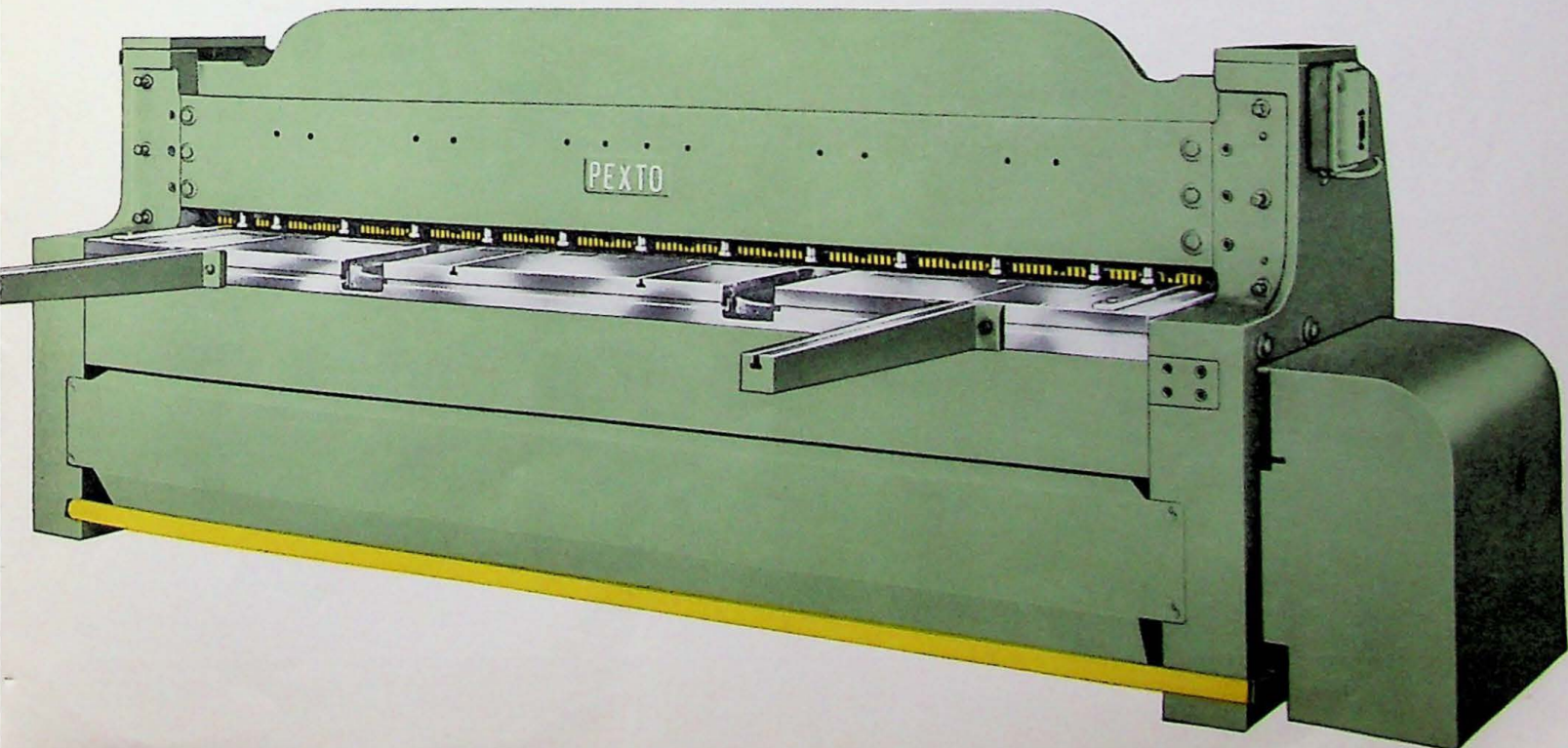


PEXTO 10-U-6

10 gauge underdriven
6 foot capacity

PEXTO 10-U-10

10 gauge underdriven
10 foot capacity



OPTIONAL EQUIPMENT

FRONT OPERATED BACK GAUGE — Front operated dial reading Back Gauge, either hand or power operated, furnished as optional extra attachment. Conveniently positioned handwheel operates from front of Shear for hand operation. Power operation through forward-reverse jog switch. Back Gauge position indicated on direct reading dial graduated to $1/128$ " . Spring loaded detent locks gauge at any desired position within .0035". Each "click" of detent moves gauge .007". This front operated direct reading gauge enables operator to make rapid changes in setting without leaving shear operating position.

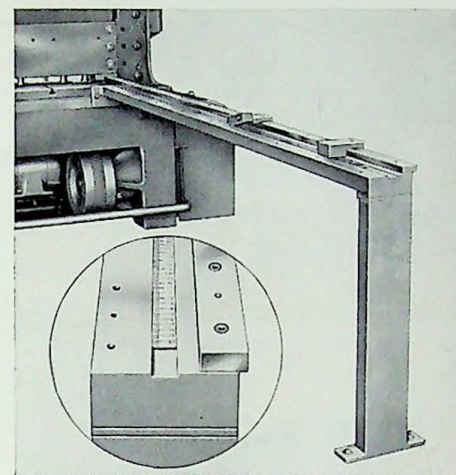
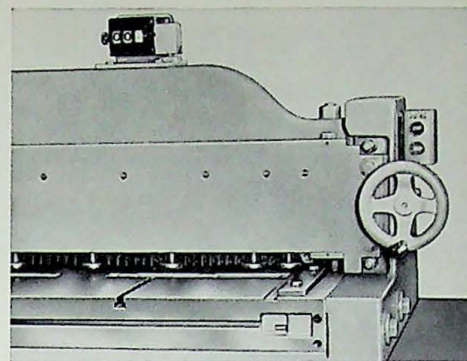
SOLENOID OPERATED CLUTCH — Clutch can be furnished with solenoid, operated by heavy duty foot switch with 10 ft. cord. Can also be actuated by limit switches set up as required.

EXTENSION GAUGE — Extension Squaring Gauges are furnished in 4, 5, 6, 8 and 10 foot lengths. One fixed-stop and one swing-stop included. Embedded stainless steel scale graduated in $1/16$ inch. Gauge Bar made with hardened faces for long wear. Can be mounted on right or left side of shear.

RUBBER HOLDDOWN PADS — Full set of pads with rubber mounted faces for use with bright stock or where surface marring is objectionable.

ONE-SHOT LUBRICATION — Bijur System standard on 10-U-10. Optional on other sizes.

The right is reserved to incorporate subsequent design or parts changes after publication and without re-issue of descriptive literature or catalogs.



SPECIFICATIONS

		10-U-4	10-U-6	10-U-10
Capacity Mild Steel	Ga.	10	10	10
Capacity Stainless Steel	Ga.	14	14	14
Cutting Length	Ins.	48	72	120
Motor — 1800 R.P.M.	H.P.	5	5	7½
Floor Space F-B, R-L with gauges in position	Ins.	88-85	88-109	96-166
Height	Ins.	54	54	60
Rake per foot	Ins.	.375	.312	.312
Back Gauge Range	Ins.	24	24	24
Front Gauge Range	Ins.	42	42	51
Strokes per min.		62	62	60
Shipping Weight	Lbs.	7090	8000	17,000