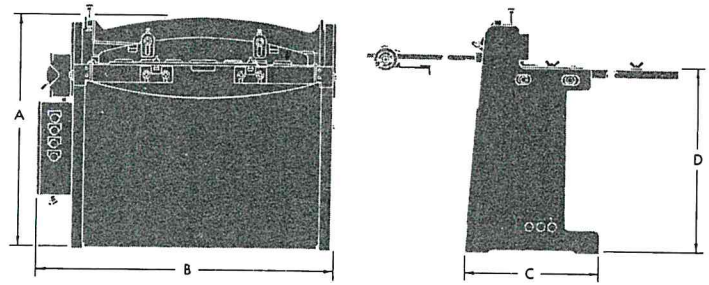


# NO. PH52, PH452

Roper Whitney power squaring shears provide many choices of features designed for shearing efficiency and accuracy to equal the demand of present day productivity. Both the hydraulically operated (PH37 and PH52) and the mechanically operated models have built-in ruggedness that will make them last for years of normal use. Within the many models is the capability to shear up to 12 gauge mild steel and up to 6 foot sheet lengths. Some models are designed to provide power shearing in a compact unit for use where space is a consideration. All include precise gauging and appropriate safety guarding.



- Max. Rated Capacity—16 gauge (mild steel)
- 52" Shear Lengths

Compact, fully-integrated, hydraulically powered units. Ideal for many light gauge shearing applications. Equipped with big shear operating controls. Fast, smooth, oil-cushioned action. Both moving and fixed blades are shearing blades of Hi-Speed steel. One piece cast shear bed is recessed for easy sheet handling. Standard equipment includes back, front and side gauges, bevel gauge, front arms and transparent finger guard. Bed is machined for optional side extension squaring gauge.

### Other features include:

- Fully enclosed control panel, with magnetic starter, selector switch and relays.
- Single or continuous stroke operation.
- Heavy duty foot switch. If released anywhere in the stroke, crosshead returns to "up" position.
- Pressure relief valve to prevent overloading.
- Electric solenoid hydraulic valving for instantaneous response.
- Dial stroke control—accessible adjustment with stroke length indicator.
- Hydraulic power uniformly applied through double-acting cylinders.

**NOTE - PH452 SHEAR DOES NOT HAVE CONTINUOUS STROKE CYCLE OR THE FRONT ARM ASSEMBLY**

### Dimensions

Reference	No. PH52		PH452	
	IN.	CM	IN.	CM
A	42	107	42	107
B	66	168	66	168
C	26	66	26	66
D	32	81	32	81

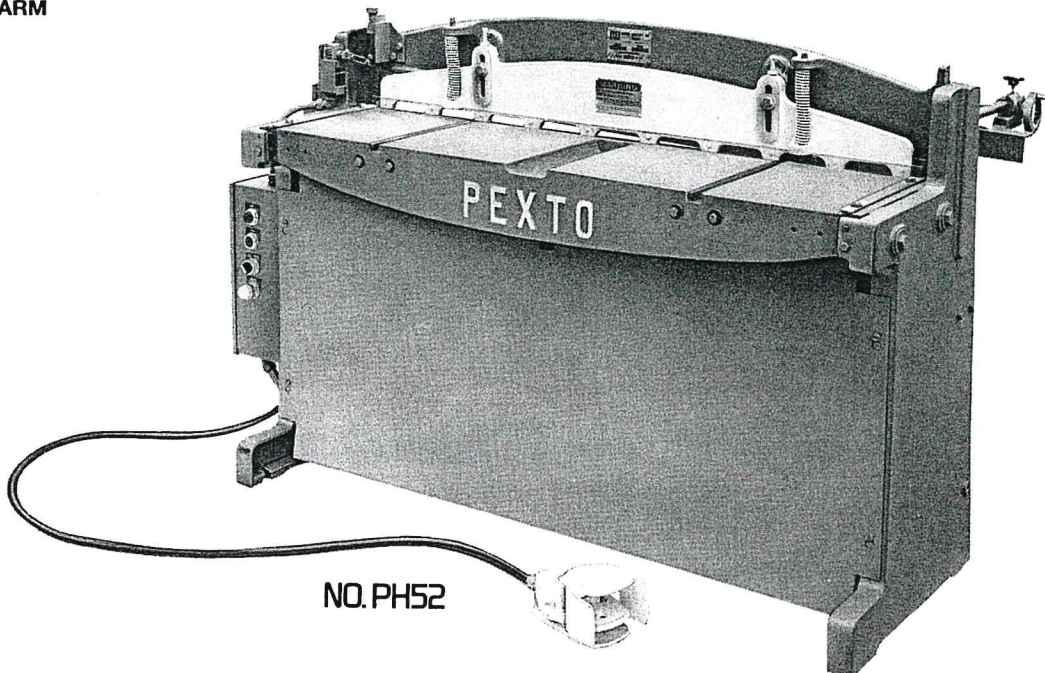
### Specifications

Characteristic	No. PH52	PH452
Maximum shearing length	52"	52"
Maximum back gauge range	25"	25"
Maximum front gauge range	37"	—
Floor space, gauges in position	66" x 76"	66" x 76"
Maximum rated capacity, mild steel	16 ga.	16 ga.
Standard motor	2 hp 1800 rpm, 3-phase	2 hp 1800 rpm, 3-phase

### Ordering Guide

Description	Catalog No.	Weight (Lbs.)
Hi-Speed Blade*	350700193	—
No. PH52 Shear	191319521	1300
No. PH452 Shear	191314521	1300

\*Upper & lower blades are identical.  
Please specify electrical requirements.



NO. PH52