

# Five-Station Ironworkers



Perform multiple operations simultaneously.\*



PRSHPS85S

**BRAKE FORCE  
UP TO 115 TONS**



PRSHPS45S

### 5-STATION DESIGN

- Flat steel station
- Angular steel station
- Rod steel station
- Hole punch station
- Notching station



Hole Punch + Large Support Table



Notching Station with Safeguard



Rear Stop + Auto Cut Activation



Compact Design + High Rigidity

Praxair can help you increase productivity and lower your process costs. Call us to learn how.



## ProStar® HPS S Series Ironworkers

## Standard Equipment

### Flat Steel Station

- For cutting strip steel, flat steel, wide flat steel
- Table with angular and linear stop
- Lower knife provides 4 cutting edges
- Adjustable hold-down

### Angular Steel Station

- For angle steel sections
- Cut angle 90° and 45°
- Adjustable material guide plate

### Rod Steel Station

- For round and square steel
- Robust material guide plate

### Notching Station

- Rigid support table with adjustable stops

### Hole Punch Station

- For punching round holes and slots in sheet
- Metals, flat steel & U-section steel
- Table with adjustable angular stops
- Linear stop and scale (not available on PRSHPS45S)
- Infinitely variable stroke adjustment
- Adapter for *Peddinghaus*® stamps and dies
- Hydraulic overload protection

### Rear Stop

- 55S and larger models
- For use on flat steel, angular steel and rod
- Automatic cut activation
- Includes swivel boom

### Auxiliary Items

- Stamps and dies
- Work lamp†
- Central lubrication
- Electrical side stop†
- Hook, spanner wrench
- Operator manual

MODELS & CONFIGURATIONS	PRSHPS45S*	PRSHPS55S	PRSHPS85S	PRSHPS115S
BRAKE FORCE	45 t	55 t	85 t	115 t
MAX. CAPACITY	Ø 0.9 in. × 0.6 in.	Ø 1 in. × 0.4 in.	Ø 2 in. × 0.5 in.	Ø 2.1 in. × 0.6 in.
DIAMETER×THICKNESS	Ø 1.4 in. × 0.3 in.	Ø 0.8 in. × 0.8 in.	Ø 1.2 in. × 0.8 in.	Ø 1.3 in. × 1 in.
THROAT/STROKE	0.3/2 in.	0.3/2.3 in.	0.5/3 in.	0.5/3 in.
STROKES/MIN. (0.8 INCH)	0.8 in.	1 in.	1 in.	1 in.
WORKING HEIGHT	37 in.	40 in.	42 in.	44 in.
FLAT CUTTING CAPACITY (MAX. THICKNESS/WIDTH)	8 in. × 0.6/12 in. × 12 in.	8 in. × 0.8/12 in. × 0.6 in.	380 in. × 0.8/19 in. × 0.6 in.	380 in. × 1/24 in. × 0.6 in.
KNIFE LENGTH	12 in.	12 in.	19 in.	24 in.
CUTTING CAPACITY (ROUND/SQUARE)	1.2/1 in.	1.6/1.6 in.	2/2 in.	2.1/50 in.
WORKING HEIGHT	37 in.	35 in.	37 in.	37 in.
CUTTING CAPACITY (90°/45°)	4 in. × 4 in. × 0.4/3 in. × 6 in.	5 in. × 5 in. × 0.5/3 in. × 0.4 in.	6 in. × 6 in. × 0.6/3 in. × 0.3 in.	6 in. × 6 in. × 0.6/3 in. × 0.4 in.
WORKING HEIGHT	45 in.	44 in.	47 in.	48 in.
MATERIAL THICKNESS	0.3 in.	0.4 in.	0.5 in.	0.5 in.
DEPTH×WIDTH	3 in. × 1.4 in.	3 in. × 2 in.	4 in. × 2 in.	4 in. × 2 in.
MOTOR RATING	5 hp	7.3 hp	10 hp	15 hp
DIMENSIONS (L×W×H)	56 in. × 37 in. × 66 in.	59 in. × 37 in. × 66 in.	76 in. × 37 in. × 80 in.	80 in. × 37 in. × 85 in.
WEIGHT	2,568 lbs.	3,351 lbs.	5,104 lbs.	6,437 lbs.

\*PRSHPS45S is a one-cylinder machine. PRSHPS55S/HPS85S/HPS115S feature two hydraulic cylinders for simultaneous operation. † Not available on PRSHPS45S.

Specifications subject to change without notice. Consult your Praxair representative when ordering.