

# Porta Fab 45

## STANDARD FEATURES

- 45-ton punch station (1-1/8" in 1/2")
- Keyed punch ram for safety
- 4-1/4" throat depth
- 2" die holder
- Punch nut with wrench and stripper
- One round punch & die: max. diameter 1"
- Electric remote foot pedal
- Adjustable electric stroke control with scale
- Three-in-one combination tool
  - Angle shear capacity: 3" x 3" x 5/16" at 90° and 2" x 2" x 1/4" at 45°
  - Bar shear capacity: 3/8" x 6"
  - Rod shear capacity: 3/4" round
- Tool table work area
- Slug receptacle
- Machine stand with punch & die & tooling storage rack
- 110 volt / 1-ph electric
- All guards necessary to comply with ANSI B 11-5 standards
- Three-year warranty on parts
- Made in the USA

**SINGLE OPERATOR**

**4 STATIONS**



## CAPACITIES AND SPECIFICATIONS

RATED ON: A36 MILD STEEL / 65,000 PSI TENSILE

<b>Punching Capacity</b>	45 ton (41 mt) 1-1/8" in 1/2" (28 mm in 12 mm)	<b>Strut Shear</b>	Samples Required
<b>Special Tooling</b>	2-1/4" Max. Dia. (57 mm Max. Dia.)	<b>Square Tube Shear</b>	1/2" to 1", 12 gauge (12 to 25 mm, 2.75 mm)
<b>Throat Depth</b>	4-1/4" (108 mm)	<b>Picket Tool</b>	1/2", 3/4" & 1" (12 mm, 19 mm, 25 mm) 16 gauge (1.6 mm)
<b>Flat Bar Shear</b>	6" Length (150 mm) 1/2" x 4" (12 x 100 mm) 3/8" x 6" (10 x 150 mm)	<b>Strokes per minute in light material</b>	20 spm (1/4" stroke) [Punch Station]
<b>Angle Shear 90°</b>	3" x 3" x 5/16" (75 x 75 x 8 mm)	<b>Strokes per minute in heavy material</b>	6 spm (3/4" stroke) [Punch Station]
<b>Angle Shear 45°</b>	2" x 2" x 1/4" (50 x 50 x 6 mm)	<b>Hydraulics</b>	2,500 psi (172 bar)
<b>Round Rod Shear</b>	3/4" (20 mm)	<b>Motor Standard</b>	2 hp 1 ph (1.49 kW) 110 v
<b>Brake 8"</b>	25 ton (23 mt)	<b>Motor Optional</b>	2 hp 1 ph (1.49 kW) 220 v
<b>Brake 12"</b>	20 ton (18 mt)	<b>Dimensions</b>	W-17.63" (45 cm) L-35.75" (91 cm) H-38.75" (98 cm)
<b>Open End Brake</b>	Max. 1/4" x 3" (6 x 76 mm) Flat or Angle Iron	<b>Shipping Weight</b>	724 lbs. (328 kg)
<b>Pipe Notcher Schedule 40</b>	3/4", 1", (20 mm, 25 mm) 1-1/4" (32 mm) 1-1/2", 2" (38 mm, 50 mm)		
<b>Rectangle Notcher</b>	2" x 1-3/4" x 1/4" (50 x 45 x 6 mm)		
<b>90° V-Notcher</b>	6" x 6" x 1/8" (150 x 150 x 3 mm)		
<b>Rod Shear Round Rod (Max.)</b>	1/4" to 1" (6 mm to 25 mm) 5 Cavity: 7/16" (11 mm), 9/16" (14 mm), 5/8" (16 mm), 3/4" (19 mm), 1" (25 mm)		
<b>Square Rod (Max.)</b>	1/4" to 3/4" (6 mm to 18 mm) 1 Cavity: 3/4" (18 mm)		

# Optional Standard Tooling

## Porta Fab 45



6" Brake



8" Brake



12" Brake



Open End Brake



Pipe Notcher



Rectangle Notcher



90° V-Notcher



Rod Shear



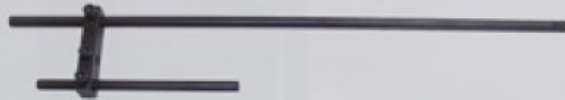
Tube Shear



Strut Shear



Picket Tool



30" Material Stop

Brake Length Gauge with Scale  
8" & 12" Brakes



Brake Table with Scale & Squaring Arm  
12" Brake Only