

## Scotchman FI8510-20M Technical Specifications

Rated on:	65,000 PSI Tensile	A 36 Mild Steel
Punching Capacity	85 ton 1-1/16" in 1"	77 mt 27 mm in 25 mm
Special Tooling	4" Max. Dia.	100 mm Max. Dia.
Throat Depth	10"	250 mm
Flat Bar Shear	20" Length 1" x 12" 3/4" x 20"	500 mm 25 mm x 300 mm 19 mm x 500 mm
Angle Shear 90°	6" x 6" x 1/2"	150 mm x 150 mm x 12 mm
45° with Bar Shear	4" x 4" x 1/2"	100 mm x 100 mm x 12 mm
Brake 12"	85 ton	77 mt
Brake 24"	85 ton	77 mt
Open End Brake	Max. 1/4" x 5" Flat or Angle Iron	6 mm x 125 mm

<b>Pipe Notcher</b>	<b>3/4"</b>	<b>19 mm</b>
<b>Schedule 40 I.D.</b>	<b>1"</b>	<b>25 mm</b>
	<b>1-1/4"</b>	<b>32 mm</b>
	<b>1-1/2"</b>	<b>38 mm</b>
	<b>2"</b>	<b>50 mm</b>
<b>90° V-Notcher</b>	<b>6" x 6" x 5/16"</b>	<b>150 mm x 150 mm x 8 mm</b>
<b>Rectangle Notcher</b>	<b>3" x 5" x 1/2"</b>	<b>75 mm x 125 mm x 12 mm</b>
<b>90° V. Notch</b>	<b>3" x 3" x 1/2"</b>	<b>75 mm x 75 mm x 12 mm</b>
<b>Channel Shear</b>	<b>2" to 6" Adj.</b>	<b>50 mm to 150 mm Adj.</b>
<b>Strut Shear</b>	<b>Samples Required</b>	
<b>Rod Shear</b>		
<b>Round Rod</b>	<b>1-1/2"</b>	<b>38 mm</b>
<b>Square Rod</b>	<b>1-1/4"</b>	<b>32 mm</b>
<b>Square Tube Shear</b>	<b>1/2" to 2"</b>	<b>12 mm to 50 mm</b>
	<b>12 ga.</b>	<b>2.75 mm</b>
<b>Picket Tool</b>	<b>1/2"</b>	<b>12 mm</b>
	<b>3/4"</b>	<b>19 mm</b>
	<b>1"</b>	<b>25 mm</b>

	<b>16 gauge</b>	<b>1.6 mm</b>
<b>Offset Die Holder</b>	<b>Max. 40 ton</b>	<b>Max. 36 mt</b>
<b>Strokes Per Minute in Light Material</b>	<b>1/4" Stroke [Punch Station]</b>	<b>35 spm</b>
<b>Strokes Per Minute in Heavy Material</b>	<b>3/4" Stroke [Punch Station]</b>	<b>14 spm</b>
<b>Hydraulics</b>	<b>2,600 psi</b>	<b>183 bar</b>
<b>Motors Standard</b>	<b>5 hp 3 ph</b>  <b>230/460</b>  <b>208/380/575</b>	<b>3.76 kW</b>
<b>Motors Optional</b>	<b>5 hp 1 ph</b>  <b>230v</b>	<b>3.76 kW</b>
<b>Dimensions</b>	<b>W-30"</b>  <b>L-67"</b>  <b>H-77"</b>	<b>W-76 cm</b>  <b>L-168 cm</b>  <b>H-195 cm</b>
<b>Shipping Weight</b>	<b>4,554 lbs.</b>	<b>2,065 kg</b>