

Scotchman 5014-ET Technical Specifications

Rated on:	65,000 PSI Tensile	A 36 Mild Steel
Punching Capacity	50 ton 1-1/4" in 1/2" 13/16" in 3/4"	45 mt 32 mm in 12 mm 21 mm in 18 mm
Special Tooling	2-1/4" Max. Dia.	57 mm Max. Dia.
Throat Depth	4"	100 mm
Flat Bar Shear	14" Length 3/4" x 4" 1/2" x 8" 3/8" x 10" 1/4" x 14"	350 mm 18 mm x 100 mm 12 mm x 200 mm 10 mm x 250 mm 6 mm x 350 mm
Opt. Saber Blade	1/2" x 10" 3/8" x 12"	12 mm x 250 mm 10 mm x 300 mm
Angle Shear 90°	4" x 4" x 3/8"	100 mm x 100 mm x 10 mm
Angle Shear 45°	2" x 2" x 3/8"	50 mm x 50 mm x 10 mm
Brake 8"	25 ton	23 mt

Brake 12"	25 ton	23 mt
Open End Brake	Max. 1/4" x 3" Flat or Angle Iron	(6 x 76 mm)
Pipe Notcher	3/4"	19 mm
Schedule 40 I.D.	1"	25 mm
	1-1/4"	32 mm
	1-1/2"	38 mm
	2"	50 mm
Rectangle Notcher	2-1/2" x 3" x 5/16"	62 mm x 75 mm x 8 mm
	2-1/2" x 2-3/4" x 3/8"	62 mm x 69 mm x 10 mm
90° V. Notcher	6" x 6" x 1/8"	150 mm x 150 mm x 3 mm
	3" x 3" x 1/4"	75 mm x 75 mm x 6 mm
Unistrut Shear	Samples Required	
Rod Shear		
Round Rod (Max.)	1/4" to 1"	6 mm to 25 mm
	5 Cavity	
	7/16", 9/16"	11 mm, 14 mm
	5/8", 3/4", 1"	16 mm, 19 mm, 25 mm

Square Rod (Max.)	1/4" to 3/4"	6 mm to 19 mm
	1 Cavity	
	3/4"	19 mm
Square Tube Shear	1/2" to 1"	12 mm to 25 mm
	12 ga.	2.75 mm
Picket Tool	1/2"	12 mm
	3/4"	19 mm
	1"	25 mm
	16 gauge	1.6 mm
Strokes Per Minute in Light Material [Punch Station]	1/4" stroke	40 spm
Strokes Per Minute in Heavy Material [Punch Station]	3/4" stroke	17 spm
Hydraulics	2350 psi	163 bar
Motors Standard	3 hp 3 ph	2.24 kW
	230/460	
	208/380/575	
Motors Optional	5 hp 1 ph	3.73 kW

	220v	
Dimensions	W-23" L-48" H-70"	W-59 cm L-122 cm H-178 cm
Shipping Weight	1,580 lbs	717 kg

Scotchman 50514-EC Technical Specifications

Rated on:	65,000 PSI Tensile	A 36 Mild Steel
Punching Capacity	50 ton 1-1/4" in 1/2" 13/16" in 3/4"	45 mt 32 mm in 12 mm 21 mm in 18 mm
Special Tooling	2-1/4" Max. Dia.	57 mm Max. Dia.
Throat Depth	6"	150 mm
Flat Bar Shear	14" Length 3/4" x 4" 1/2" x 8" 3/8" x 10" 1/4" x 14"	350 mm 18 mm x 100 mm 12 mm x 200 mm 10 mm x 250 mm 6 mm x 350 mm
Opt. Saber Blade	1/2" x 10" 3/8" x 12"	12 mm x 250 mm 10 mm x 300 mm
Angle Shear 90°	4" x 4" x 3/8"	100 mm x 100 mm x 10 mm
Angle Shear 45°	2" x 2" x 3/8"	50 mm x 50 mm x 10 mm
Brake 8"	30 ton	27 mt

Brake 12"	25 ton	23 mt
Open End Brake	Max. 1/4" x 3" Flat or Angle Iron	(6 x 76 mm)
Pipe Notcher	3/4", 1"	19 mm, 25 mm
Schedule 40 I.D.	1-1/4"	32 mm
	1-1/2", 2"	38 mm, 50 mm
Rectangle Notcher	2-1/2" x 3" x 5/16"	62 x 75 x 8 mm
	2-1/2" x 2-3/4" X 3/8"	62 x 69 x 10 mm
90° V. Notcher	6" x 6" x 1/8"	150 mm x 150 mm x 3 mm
	3" x 3" X 1/4"	75 mm x 75 m x 6 mm
Unistrut Shear	Samples Required	
Rod Shear		
Round Rod (Max.)	1/4" to 1"	6 mm to 25 mm
	5 Cavity	
	7/16", 9/16"	11 mm, 14 mm
	5/8", 3/4", 1"	16 mm, 19 mm, 25 mm

Square Rod (Max.)	1/4" to 3/4" 1 Cavity 3/4"	6 mm to 19 mm 19 mm
Square Tube Shear	1/2" to 1" 12 ga.	12 mm to 25 mm 2.75 mm max.
Picket Tool	1/2" 3/4" 1" 16 Gauge	12 mm 19 mm 25 mm 1.6 mm
Strokes Per Minute in Light Material	1/4" stroke [Punch Station]	40 spm
Strokes Per Minute in Heavy Material	3/4" stroke [Punch Station]	17 spm
Hydraulics	2350 psi	163 bar
Motors Standard	3 hp 3 ph 230/460 208/380/575	2.24 kW
Motors Optional	5 hp 1 ph 220v	3.73 kW

Dimensions	W-29"	W-74 cm
	L-47"	L-119 cm
	H-59"	H-150 cm
Shipping Weight	1,515 lbs.	688 kg

Scotchman 6509-24M Technical Specifications

Rated on:	65,000 PSI Tensile	A 36 Mild Steel
Punching Capacity	65 ton 1-1/16" in 3/4"	58 mt 27 mm in 18 mm
Special Tooling	4" Max. Dia.	100 mm Max. Dia.
Throat Depth	9"	225 mm
Flat Bar Shear	24" Length 1" x 6" 3/4" x 10" 1/2" x 12" 3/8" x 16" 1/4" x 24"	600 mm 25 mm x 150 mm 18 mm x 250 mm 12 mm x 300 mm 10 mm x 400 mm 6 mm x 600 mm
Opt. Saber Blade	1" x 6" 1/2" x 16"	25 mm x 150 mm 12 mm x 400 mm
Angle Shear 90°	6" x 6" x 3/8" 5" x 5" x 1/2"	150 mm x 150 mm x 10 mm 125 mm x 125 mm x 12 mm

Angle Shear 45°	3" x 3" x 3/8"	75 mm x 75 mm x 10 mm
(with Bar Shear)	4" x 4" x 1/2"	100 mm x 100 mm x 12 mm
Brake 12"	40 ton	36 mt
Brake 24"	30 ton	27 mt
Open End Brake	Max. 1/4" x 5" Flat or Angle Iron	6 mm x 125 mm
Pipe Notcher	3/4"	19 mm
Schedule 40 I.D.	1"	25 mm
	1-1/4"	32 mm
	1-1/2"	38 mm
	2"	50 mm
Rectangle Notcher	2" x 2-1/2" x 3/8"	50 mm x 65 mm x 10 mm
90° V. Notcher	6" x 6" x 5/16"	150 mm x 150 mm x 8 mm
Channel Shear	2" to 5" Adj.	50 mm to 125 mm Adj.
Unistrut Shear	Samples Required	
Rod Shear	1/4" to 1-1/4", 9 Cav.	6 mm to 32 mm
Round Rod (Max.)	1/4" to 1", 1 Cav.	6 mm to 25 mm

Square Rod (Max.)		
Square Tube Shear	1/2" to 2", 12 ga.	12 mm to 50 mm 2.75 mm
Picket Tool	1/2" 3/4" 1" 16 gauge	12 mm 19 mm 25 mm 1.6 mm
Offset Die Holder	Max. 40 ton	36 mt
Strokes Per Minute in Light Material	1/4" Stroke [Punch Station]	67 spm
Strokes Per Minute in Heavy Material	3/4" Stroke [Punch Station]	22 spm
Hydraulics	2,600 psi	183 bar
Motors Standard	5 hp 3 ph 230/460 208/380/575	3.73 kW
Motors Optional	5 hp 1ph 230v	3.73 kW

Dimensions	W-24" L-60" H-66"	W-57 cm L-152 cm H-168 cm
Shipping Weight	2,984 lbs.	1,353 kg

Scotchman 9012-24M Technical Specifications

Rated on:	65,000 PSI Tensile	A 36 Mild Steel
Punching Capacity	90 ton 1-1/8" in 1"	80 mt 27 mm in 25 mm
Special Tooling	4" Max. Dia.	100 mm Max. Dia.
Throat Depth	12"	300 mm
Flat Bar Shear	24" Length 1" x 8" 3/4" x 12" 1/2" x 16" 1/4" x 24"	600 mm 25 mm x 200 mm 18 mm x 300 mm 12 mm x 400 mm 6 mm x 600 mm
Opt. Saber Blade	1/2" x 22" 3/8" x 24"	12 mm x 550 mm 10 mm x 600 mm
Angle Shear 90°	6" x 6" x 1/2"	150 mm x 150 mm x 12 mm
Angle Shear 45° (with Bar Shear)	3" x 3" x 3/8" 4" x 4" x 1/2"	75 mm x 75 mm x 10 mm 100 mm x 100 mm x 12 mm

Brake 12"	50 ton	45 mt
Brake 24"	40 ton	36 mt
Open End Brake	Max. 1/4" x 5" Flat or Angle Iron	6 mm x 125 mm
Pipe Notcher	3/4"	20 mm
Schedule 40 I.D.	1"	25 mm
	1-1/4"	32 mm
	1-1/2"	38 mm
	2"	50 mm
Rectangle Notcher	2" x 2-1/2" x 3/8"	50 mm x 65 mm x 10 mm
90° V. Notcher	6" x 6" x 5/16"	150 mm x 150 mm x 8 mm
Channel Shear	2" to 6" Adj.	50 mm to 150 mm Adj.
Unistrut Shear	Samples Required	
Rod Shear		
Round Rod (Max.)	1/4" to 1-1/4", 9 Cav.	6 mm to 32 mm
	1/4" to 1", 1 Cav.	6 mm to 25 mm
quare Rod (Max.)		

Square Tube Shear	1/2" to 2"	12 mm to 50 mm
	12 ga.	2.75 mm
Picket Tool	1/2"	12 mm
	3/4"	19 mm
	1"	25 mm
	16 ga.	1.6 mm
Offset Die Holder	Max. 40 ton	Max. 36 mt
Strokes Per Minute in Light Material	1/4" Stroke [Punch Station]	56 spm
Strokes Per Minute in Heavy Material	3/4" Stroke [Punch Station]	19 spm
Hydraulics	2,600 psi	183 bar
Motors Standard	5 hp 3 ph	3.73 kW
	230/240	
	208/380/575	
Motors Optional	5 hp 1ph	3.73 kW
	230v	
Dimensions	W-26"	W-66 cm
	L-76"	L-193 cm

	H-70"	H-177 cm
Shipping Weight	4,204 lbs.	1,906 kg

Scotchman Porta Fab 45 Technical Specifications

Rated on:	65,000 PSI Tensile	A 36 Mild Steel
Punching Capacity	45 Ton 1-1/8" in 1/2"	41 mt 28 mm in 12 mm
Special Tooling	2-1/4" Max. Dia.	57 mm Max. Dia.
Throat Depth	4-1/4"	108 mm
Flat Bar Shear	6" Length 1/2" x 4" 3/8" x 6"	150 mm 12 mm x 100 mm 10 mm x 150 mm
Angle Shear 90°	3" x 3" x 5/16"	75 mm x 75 mm x 8 mm
Angle Shear 45°	2" x 2" x 1/4"	50 mm x 50 mm x 6 mm
Round Rod	3/4"	20 mm
Brake 8"	25 Ton	23 mt
Brake 12"	20 Ton	18 mt
Open End Brake	Max. 1/4" x 3"	6 x 76 mm

	Flat or Angle Iron	
Pipe Notcher	3/4", 1"	20 mm, 25 mm
Schedule 40	1-1/4"	32 mm
	1-1/2", 2"	38 mm, 50 mm
Rectangle Notcher	2" x 1-3/4" x 1/4"	50 mm x 45 mm x 6 mm
90° V. Notcher	6" x 6" x 1/8"	150 mm x 150 mm x 3 mm
Strut Shear	Samples Required	
Rod Shear		
Round Rod (Max.)	1/4" to 1"	6 mm to 25 mm
	5 Cavity	
	7/16", 9/16"	11 mm, 14 mm
	5/8", 3/4", 1"	16 mm, 19 mm, 25 mm
Square Rod (Max.)	1/4" to 3/4"	6 mm to 19 mm
	1 Cavity	
	3/4"	19 mm
Square Tube Shear	1/2" to 1"	12 x 25 mm
	12 ga.	2.75 mm

Picket Tool	1/2", 3/4", 1" 16 ga.	12 mm, 19 mm, 25 mm 1.6 mm
Strokes per minute in light material	1/4" Stroke [Punch Station]	20 spm
Strokes per minute in heavy material	3/4" Stroke [Punch Station]	6 spm
Hydraulics	2500 psi	172 bar
Motor Standard	2 hp 1 ph 110v	1.49kW
Motor Optional	2 hp 1 ph 220v	1.49kW
Dimensions	W-17.63" L-35.75" H-38.75"	W-44.8 cm L-90.8 cm H-98.4 cm
Shipping Weight	724 lbs.	328 kg