

Scotchman[®]

ACAT

Metal Fabricating Solutions

AMERICAN
MANUFACTURER



He's the best
Fabricator
You'll ever have.

Give him the best
Machinery
He'll ever use.



- Ironworkers
- Upcut Saws
- Measuring Systems

- Circular Cold Saws
- Utility Band Saws
- Tube & Pipe Notcher/Grinders

The Solution **PREFERRED** by Metal Fabricators

January 2019

FI 8510-20M

STANDARD FEATURES

- 85-ton punch station (1-1/16" in 1")
- Keyed punch ram for safety
- 10" throat depth
- Punch gauging table with fence and scale
- Die holder complete with 2" die insert
- Punch nut with wrench & stripper
- Adjustable swing-away stripper
- One round punch & die: max. diameter 1-1/4"
- Punch jog control
- Adjustable electric stroke control with scale
- Electric remote foot pedal
- 6" x 6" x 1/2" slug-less angle shear
- 20" flat bar shear
- Shear table with miter fence
- Rod shear capacity 1-1/2" round, 1-1/4" square
- Slug receptacles
- Rectangle notcher capacity: 3" x 5" x 1/2"
- Notcher table with scale and guide
- Two-stage hydraulic pump
- Electrical box supplied with emergency palm button and lock-out tag-out accommodations
- 230/460 volt / 3-ph electric (must specify voltage)
- All guards necessary to comply with ANSI B 11-5 standards
- Forklift accommodations
- Three-year warranty on parts
- Made in the USA

**SINGLE
OPERATOR**

5

STATIONS



CAPACITIES AND SPECIFICATIONS

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

Punching Capacity	85 ton (77 mt) 1-1/16" in 1" (27 mm in 25 mm)	Rod Shear	
Special Tooling	4" Max. Dia. (100 mm Max. Dia.)	Round Rod	1-1/2" (38 mm), 1 cavity
Throat Depth	10" (250 mm)	Square Rod	1-1/4" (32 mm), 1 cavity
Flat Bar Shear	20" Length, (500 mm) 1" x 12", (25 x 300 mm) 3/4" x 20" (19 x 500 mm)	Square Tube Shear	1/2" to 2", 12 gauge (12 mm to 50 mm, 2.75 mm)
Angle Shear 90° (45° with Bar Shear)	6" x 6" x 1/2" (150 x 150 x 12 mm) 4" x 4" x 1/2" (100 x 100 x 12 mm)	Picket Tool	1/2", 3/4" & 1" (12 mm, 19 mm, 25 mm) 16 gauge (1.6 mm)
Brake 12" Brake 24"	85 ton (77 mt) 85 ton (77 mt)	Weld Coupon Bender	Max. Capacity 2" wide x 0.375" (50.8mm x 9.52mm)
Open End Brake	Max. 1/4" x 5" (6 x 125 mm) Flat or Angle Iron	Offset Die Holder	Max. 40 ton (36 mt)
Pipe Notcher Schedule 40	3/4", 1" (19 mm, 25 mm) 1-1/4" (32 mm) 1-1/2", 2" (38 mm, 50 mm)	Strokes per minute in light material	51 spm (1/4" stroke) [Punch Station]
90° V-Notcher (Punch Station)	6" x 6" x 5/16" (150 x 150 x 8 mm)	Strokes per minute in heavy material	24 spm (3/4" stroke) [Punch Station]
Rectangle Notcher 90° V-Notcher	3" x 5" x 1/2" (75 x 125 x 12 mm) 3" x 3" x 1/2" (75 x 75 x 12 mm)	Hydraulics	2,600 psi (183 bar)
Channel Shear	2" to 6" adj. (50 mm to 150 mm adj.)	Motor Options	5 hp 3 ph (3.76 kW) 208/230/460, 380/575v 5 hp 1 ph (3.76 kW) 220v
Strut Shear	Samples Required	Dimensions	W-30" (76 cm) L-67" (168 cm) H-77" (195 cm)
		Shipping Weight	4,554 lbs. (2,065 kg)

DO 8514-20M



**DUAL
OPERATOR**

**5
STATIONS**



STANDARD FEATURES

- Dual operator allows for two operators to work at the same time at full capacity
- 85-ton punch station (1-1/16" in 1")
- Keyed punch ram for safety
- 14" throat depth
- Punch gauging table with fence and scale
- Die holder complete with 2" die insert
- Punch nut with wrench & stripper
- Adjustable swing-away stripper
- One round punch & die: max. diameter 1-1/4"
- Punch jog control
- Two adjustable electric stroke controls with scale
- Two electric remote foot pedals
- Two 2-stage hydraulic pumps
- Two valves
- 6" x 6" x 1/2" slug-less angle shear
- Rectangle notcher: 2" x 4" x 1/2" can be converted to 3" x 3" V-Notcher, 50-ton punch station, and 6" open end brake
- 20" flat bar shear
- Shear table with miter fence
- Rod shear: 1/2", 3/4", 1", 1-1/2" round and 1-1/2" square
- Slug receptacles
- Electrical box supplied with emergency palm button and lock-out tag-out accommodations
- 230/460 volt / 3-ph electric (must specify voltage)
- All guards necessary to comply with ANSI B 11-5 standards
- Forklift accommodations
- Three-year warranty on parts
- Made in the USA

CAPACITIES AND SPECIFICATIONS

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

Punching Capacity	85 ton (77 mt) 1-1/16" in 1" (27 mm in 25 mm)	Strut Shear	Samples Required
Special Tooling	4" Max. Dia. (200 mm Max. Dia.)	Rod Shear	
Throat Depth	14" (350 mm)	Round Rod (Max.)	1/2", 3/4", 1", 1-1/2", 4 cavities (13 mm, 19 mm, 25 mm, 38 mm)
Flat Bar Shear	20" Length, (500 mm) 1" x 16", (25 x 400 mm) 3/4" x 20" (19 x 500 mm)	Square Rod (Max.)	1-1/2" (38 mm), 1 cavity
Angle Shear 90° (45° with Bar Shear)	6" x 6" x 1/2" (150 x 150 x 13 mm) 4" x 4" x 1/2" (100 x 100 x 13 mm)	Square Tube Shear	1/2" to 2", 12 gauge (12 mm to 50 mm, 2.75 mm)
Brake 12" Brake 24"	85 ton (77 mt) 85 ton (77 mt)	Picket Tool	1/2", 3/4" & 1" (13 mm, 19 mm, 25 mm) 16 gauge (1.6 mm)
Open End Brake	5" x 5/8" (125 x 16 mm)	Weld Coupon Bender	Max. Capacity 2" wide x 0.375" (50.8mm x 9.52mm)
Pipe Notcher Schedule 40	3/4", 1" (19 mm, 25 mm) 1-1/4" (32 mm) 1-1/2", 2" (38 mm, 50 mm)	Offset Die Holder	Max. 40 ton (36 mt)
90° V-Notcher (Punch Station)	6" x 6" x 5/16" (150 x 150 x 8 mm)	Strokes per minute in light material	45 spm (1/4" stroke) [Punch Station]
Rectangle Notcher 90° V-Notcher (Notcher Station) Punch Attachment for Notcher Station Throat Depth w/Punch attachment	2" x 4" x 1/2" (50 x 100 x 13 mm) 3" x 3" x 1/2" (75 x 75 x 12 mm) 50 ton 1-1/4" in 1/2" (32 mm in 12 mm) 4-7/16"	Strokes per minute in heavy material	18 spm (3/4" stroke) [Punch Station]
Channel Shear	2" to 6" (50 mm to 150 mm)	Hydraulics	3,350/3,800 psi (231/262 bar)
		Motor Options	10 hp 3 ph (7.46 kW) 208/230/460, 380/575v 10 hp 1 ph (7.46 kW) 220v
		Dimensions	W-30" (76 cm) L-70" (178 cm) H-77" (195 cm)
		Shipping Weight	5,504 lbs. (2,496 kg)



Continuing the legacy
of **Art Kroetch**
(1926-2007)

Founder of
Scotchman Industries
(Est. 1967)

Scotchman Industries is family-owned and located in small town South Dakota. Our factory representatives assist dealers worldwide. We are honored to have served the manufacturing industry for over 50 years.

Our company was founded on the principle of providing well-built machinery to help our customers find efficient solutions for their shop needs. We remain committed to building high-quality & dependable USA made products, providing first-class customer service, and have confidence in the strength of American manufacturing.

We believe that building a manufacturing interest among our Nation's youth is vital to the future of American manufacturing and we support shop class education and trade schools.

When you buy a Scotchman machine, you'll have peace of mind knowing you're supporting an American company who is supporting the community.



Rebuilding American Manufacturing One Veteran At A Time™

Scotchman

Metal Fabricating Solutions



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