

Scotchman[®]

Metal Fabricating Solutions

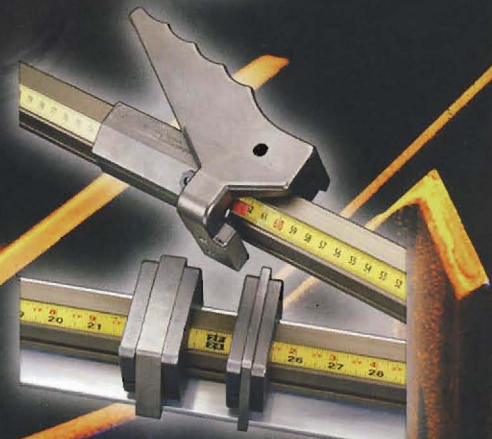
5014 TM
WITH CONVEYOR



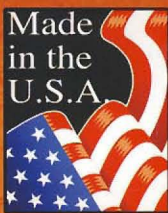
CPO 350 LT



FH 1016



ADVANCED
MEASURING SYSTEMS



Versatile • Flexible • Dependable

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"
- 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
- Machine stand with punch & die & tooling storage rack
- 110 volt / 1-ph electric
- All guards necessary to comply with ANSI B 11-5 standards
- One-year warranty
- Made in the USA



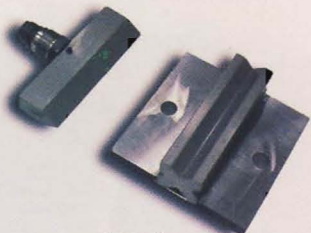
CAPACITIES AND SPECIFICATIONS

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

Punching Capacity	45 ton (41 mt) 1-1/8" in 1/2" (28 mm in 12 mm)	Square Tube Shear	1/2" to 1", 12 gauge (12 to 25 mm, 2.75 mm)
Special Tooling	2-1/4" Max. Dia. (57 mm Max. Dia.)	Picket Tool	1/2", 3/4" & 1" (12 mm, 19 mm, 25 mm) 16 gauge (1.6 mm)
Throat Depth	4-1/4" (108 mm)	Strokes per minute in light material	20 spm (1/4" stroke) [Punch Station]
Flat Bar Shear	6" Length (150 mm) 1/2" x 4" (12 x 100 mm) 3/8" x 6" (10 x 150 mm)	Strokes per minute in heavy material	6 spm (3/4" stroke) [Punch Station]
Angle Shear 90°	3" x 3" x 5/16" (75 x 75 x 8 mm)	Hydraulics	2,500 psi (172 bar)
Angle Shear 45°	2" x 2" x 1/4" (50 x 50 x 6 mm)	Motor Standard	2 hp 1 ph (1.49 kW) 110 v
Round Rod	3/4" (20 mm)	Motor Optional	2 hp 1 ph (1.49 kW) 220 v
Brake 8"	25 ton (23 mt)	Dimensions	W-17.63" (45 cm) L-35.75" (91 cm) H-38.75" (98 cm)
Brake 12"	20 ton (18 mt)	Weight	640 lbs. (290 kg)
Pipe Notcher Schedule 40	3/4", 1", (20 mm, 25 mm) 1-1/4" (32 mm) 1-1/2", 2" (38 mm, 50 mm)		
Rectangle Notcher	2" x 1-3/4" x 1/4" (50 x 45 x 6 mm)		
90° V-Notcher	6" x 6" x 1/8" (150 x 150 x 3 mm)		
Rod Shear			
Round Rod (Max.)	1/4" to 1", 5 Cavity (6 mm to 25 mm)		
Square Rod (Max.)	1/4" to 3/4", 1 Cavity (6 mm to 18 mm)		

Optional Standard Tooling

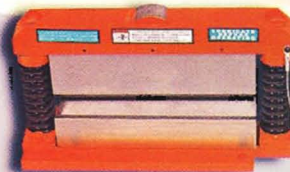
Porta Fab 45



6" Brake



8" Brake



12" Brake



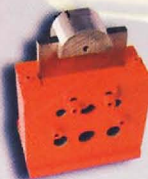
Pipe Notcher



Rectangle Notcher



90° V-Notcher



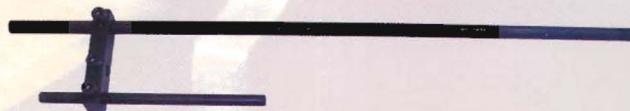
Rod Shear



Tube Shear



Picket Tool



30" Material Stop



Punch Slug Receptacle

Brake Length Gauge with Scale
8" & 12" Brakes

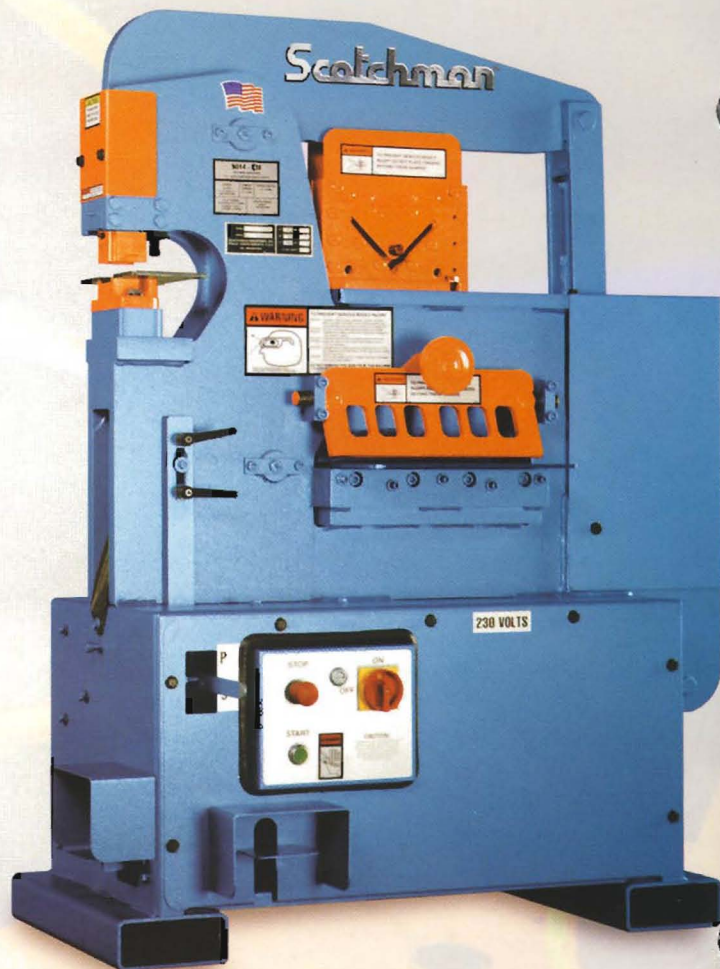


Brake Table with Scale & Squaring Arm
12" Brake Only

5014-CM

STANDARD FEATURES

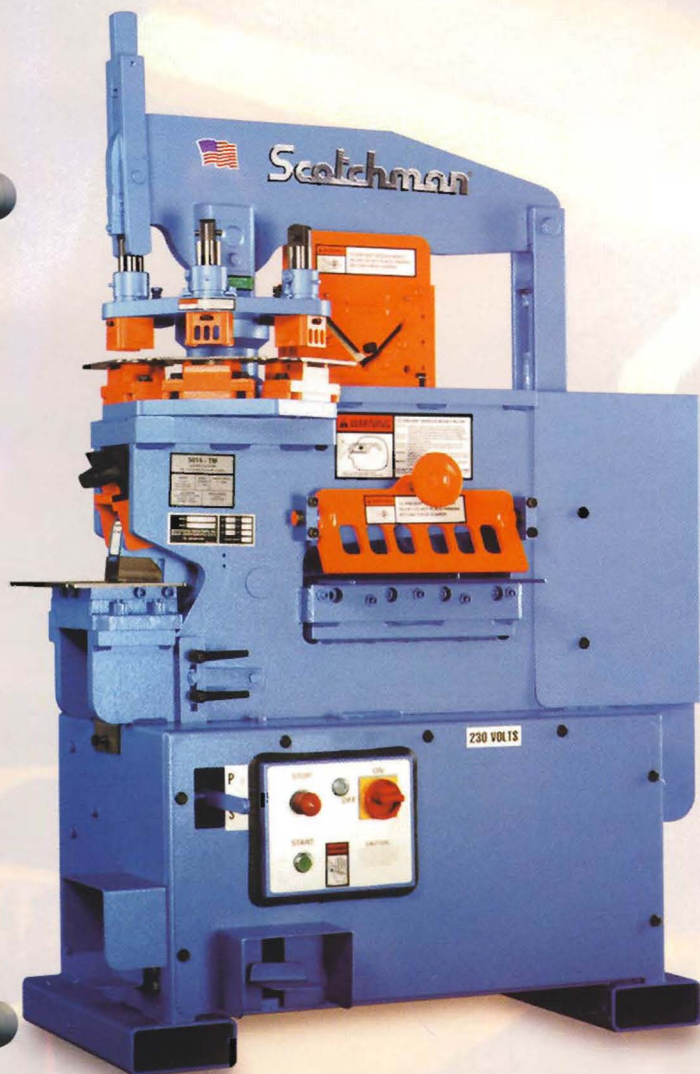
- 50-ton punch station (1-1/4" in 1/2")
- Keyed punch ram for safety
- 6" throat depth
- 2" die holder
- Punch nut with wrench & stripper
- One round punch & die: max. diameter 1"
- Adjustable stroke control
- Angle shear capacity: 4" x 4" x 3/8" at 90° and 2" x 2" x 3/8" at 45°
- 14" flat bar shear with 4-way reversible blade
- Tool table work area
- 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
- One-year warranty
- Made in the USA



CAPACITIES AND SPECIFICATIONS

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

Punching Capacity	50 ton (45 mt) 1-1/4" in 1/2" (32 mm in 12 mm) 13/16" in 3/4" (21 mm in 18 mm)	Rod Shear	1/4" to 1", 5 Cavity (6 mm to 25 mm)
Special Tooling	2-1/4" Max. Dia. (57 mm Max. Dia.)	Round Rod (Max.)	1/4" to 3/4", 1 Cavity (6 mm to 18 mm)
Throat Depth	6" (150 mm)	Square Rod (Max.)	1/2" to 1", 12 gauge (12 x 25, 2.75 mm)
Flat Bar Shear	14" Length (350 mm) 3/4" x 4" (18 x 100 mm) 1/2" x 8" (12 x 200 mm) 3/8" x 10" (10 x 250 mm) 1/4" x 14" (6 x 350 mm)	Square Tube Shear	1/2" to 1", 12 gauge (12 x 25, 2.75 mm)
Opt. Sabre Blade	3/4" x 4" (18 x 100 mm) 1/2" x 10" (12 x 250 mm) 3/8" x 12" (10 x 300 mm) 1/4" x 14" (6 x 350 mm)	Picket Tool	1/2", 3/4" & 1" (12 mm, 19 mm, 25 mm) 16 gauge (1.6 mm)
Angle Shear 90°	4" x 4" x 3/8" (100 x 100 x 10 mm)	Strokes per minute in light material	40 spm (1/4" stroke) [Punch Station]
Angle Shear 45°	2" x 2" x 3/8" (50 x 50 x 10 mm)	Strokes per minute in heavy material	17 spm (3/4" stroke) [Punch Station]
Brake 8"	30 ton (27 mt)	Hydraulics	2,100 psi (145 bar)
Brake 12"	25 ton (23 mt)	Motor Standard	3 hp 3 ph (2.24 kW) 230/460 208/380/575
Pipe Notcher Schedule 40	3/4", 1" (19 mm, 25 mm) 1-1/4" (32 mm) 1-1/2", 2" (38 mm, 50 mm)	Motor Optional	5 hp 1 ph (3.73 kW) 220 v
Rectangle Notcher	2" x 1-3/4" x 1/4" (50 x 44 x 6 mm)	Dimensions	W-29" (74 cm) L-47" (119 cm) H-59" (150 cm)
90° V-Notcher	6" x 6" x 1/8" (150 x 150 x 3 mm) 3" x 3" x 1/4" (75 x 75 x 6 mm)	Weight	1,275 lbs. (580 kg)

5014-TM**STANDARD FEATURES**

- 50-ton punch station with 3-station revolving turret (1-1/4" in 1/2")
- Keyed punch ram for safety
- 4" throat depth
- Three 2" die holders, three punch nuts with wrench and three strippers
- One round punch & die: max. diameter 1"
- Adjustable stroke control
- Angle shear: 4" x 4" x 3/8" at 90° and 2" x 2" x 3/8" at 45°
- 14" flat bar shear with 4-way reversible blade
- Rectangle notcher, 2-1/2" x 2-3/4" x 3/8"
- Tool table work area
- 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
- One-year warranty
- Made in the USA

CAPACITIES AND SPECIFICATIONS

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

Punching Capacity	50 ton (45 mt) 1-1/4" in 1/2" (32 mm in 12 mm) 13/16" in 3/4" (21 mm in 18 mm)	Rod Shear	
Special Tooling	2-1/4" Max. Dia. (57 mm Max. Dia.)	Round Rod (Max.)	1/4" to 1", 5 Cavity (6 mm to 25 mm)
Throat Depth	4" (100 mm)	Square Rod (Max.)	1/4" to 3/4", 1 Cavity (6 mm to 18 mm)
Flat Bar Shear	14" Length (350 mm) 3/4" x 4" (18 x 100 mm) 1/2" x 8" (12 x 200 mm) 3/8" x 10" (10 x 250 mm) 1/4" x 14" (6 x 350 mm)	Square Tube Shear	1/2" to 1", 12 gauge (12 mm to 25 mm, 2.75 mm)
Opt. Sabre Blade	3/4" x 4" (18 x 100 mm) 1/2" x 10" (12 x 250 mm) 3/8" x 12" (10 x 300 mm) 1/4" x 14" (6 x 350 mm)	Picket Tool	1/2", 3/4" & 1" (12 mm, 19 mm, 25 mm) 16 gauge (1.6 mm)
Angle Shear 90°	4" x 4" x 3/8" (100 x 100 x 10 mm)	Strokes per minute in light material	40 spm (1/4" stroke) [Punch Station]
Angle Shear 45°	2" x 2" x 3/8" (50 x 50 x 10 mm)	Strokes per minute in heavy material	17 spm (3/4" stroke) [Punch Station]
Brake 8"	25 ton (23 mt)	Hydraulics	2,100 psi (145 bar)
Brake 12"	25 ton (23 mt)	Motor Standard	3 hp 3 ph (2.24 kW) 230/460 208/380/575
Pipe Notcher Schedule 40	3/4", 1" (19 mm, 25 mm) 1-1/4" (32 mm) 1-1/2", 2" (38 mm, 50 mm)	Motor Optional	5 hp 1 ph (3.73 kW) 220 v
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)	Dimensions	W-29" (74 cm) L-48" (122 cm) H-67" (170 cm)
90° V-Notcher	6" x 6" x 1/8" (150 x 150 x 3 mm) 3" x 3" x 1/4" (75 x 75 x 6 mm)	Weight	1,575 lbs. (715 kg)

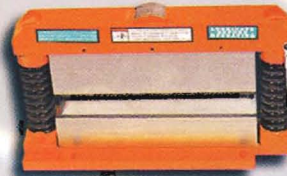
Optional Standard Tooling 5014-CM, 5014-TM



6" Brake



8" Brake



12" Brake



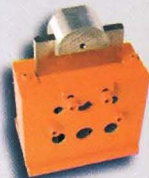
Pipe Notcher



Rectangle Notcher



90° V-Notcher



Rod Shear



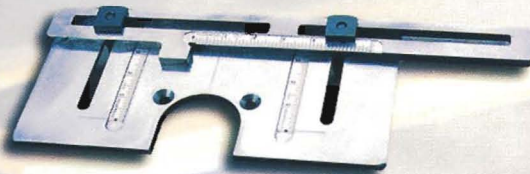
Tube Shear



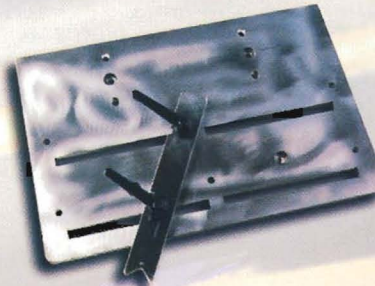
Picket Tool



Punch Slug Receptacle



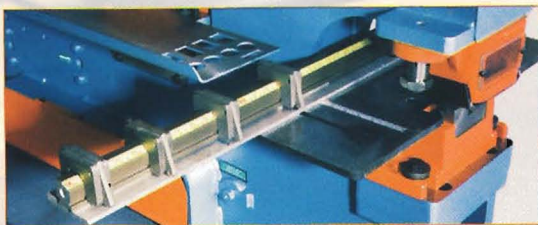
Punch Gauging Table
with Fence & Scale
5014-CM



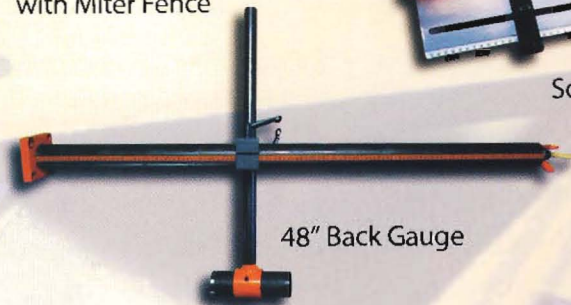
Shear Table
with Miter Fence



Brake Length Gauge
with Scale
8" & 12" Brakes



Multi-Loc Punch Gauging Table
40" or 90" extensions available
5014 CM ONLY



48" Back Gauge

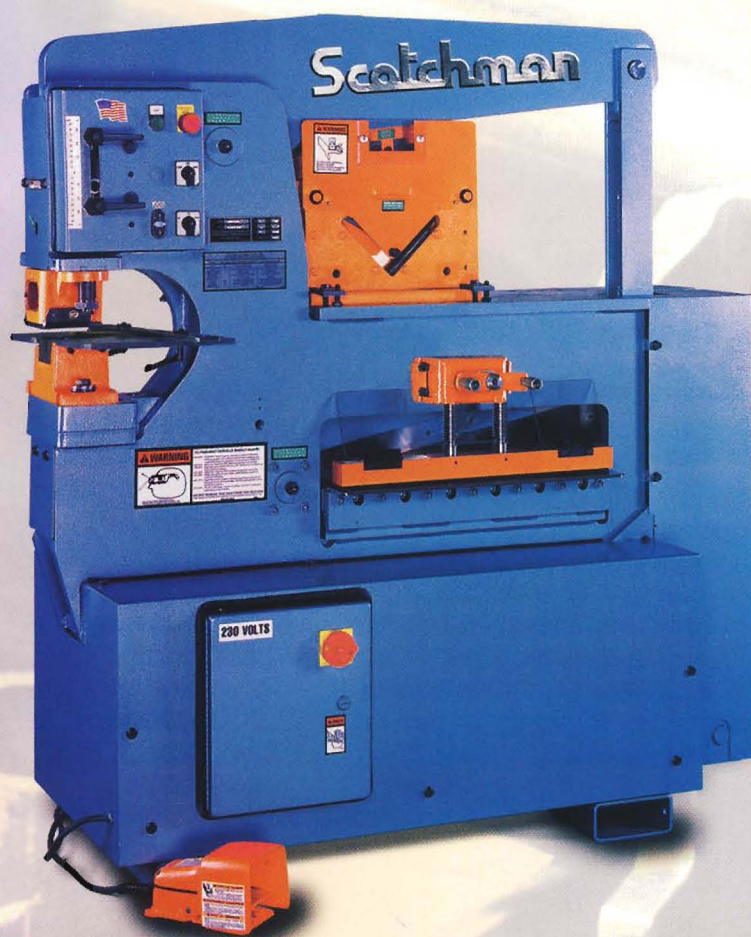
Brake Table with
Scale & Squaring Arm
12" Brake Only



14" x 5' conveyor
with angle iron support
attached to 5014-TM

Conveyor Attachments & Supports 5014-CM, 5014-TM

6509-24M



STANDARD FEATURES

- 65-ton punch station (1-1/16" in 3/4")
- Keyed punch ram for safety
- 9" throat depth
- Punch gauging table w/fence and scale
- Die holder complete with 2" die insert
- Punch nut with wrench and stripper
- One round punch & die: max. diameter 1-1/4"
- Punch jog control
- Adjustable electric stroke control with scale
- Electric remote foot pedal
- 24" flat bar shear with 4-way reversible blade
- Shear table with miter fence
- Angle shear capacity at 90°:
6" x 6" x 3/8" and 5" x 5" x 1/2"
- Tool table work area
- Two-stage hydraulic pump
- Electrical box supplied with emergency palm button and lock-out tag-out accommodations
- 230/460 volt / 3-ph electrics (must specify voltage)
- All guards necessary to comply with ANSI B 11-5 standards
- Forklift accommodations
- One-year warranty
- Made in the USA

CAPACITIES AND SPECIFICATIONS

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

Punching Capacity	65 ton (58 mt) 1-1/16" in 3/4" (27 mm in 18 mm)	Channel Shear	2" to 5" adj. (50 mm to 125 mm adj.)
Special Tooling	4" Max. Dia. (100 mm Max. Dia.)	Rod Shear	
Throat Depth	9" (225 mm)	Round Rod (Max.)	1/4" to 1-1/4", 9 Cavity (6 mm to 32 mm)
Flat Bar Shear	24" Length (600 mm) 1" x 6" (25 x 150 mm) 3/4" x 10" (18 x 250 mm) 1/2" x 12" (12 x 300 mm) 3/8" x 16" (10 x 400 mm) 1/4" x 24" (6 x 600 mm)	Square Rod (Max.)	1/4" to 1", 1 Cavity (6 mm to 25 mm)
Opt. Sabre Blade	1" x 6" (25 x 150 mm) 1/2" x 16" (12 x 400 mm)	Square Tube Shear	1/2" to 2", 12 gauge (12 mm to 50 mm, 2.75 mm)
Angle Shear 90°	6" x 6" x 3/8" (150 x 150 x 10 mm) 5" x 5" x 1/2" (125 x 125 x 12 mm)	Picket Tool	1/2", 3/4" & 1" (12 mm, 19 mm, 25 mm) 16 gauge (1.6 mm)
Angle Shear 45° (with Bar Shear)	3" x 3" x 3/8" (75 x 75 x 10 mm) 4" x 4" x 1/2" (100 x 100 x 12 mm)	Offset Die Holder	Max. 40 ton (36 mt)
Brake 12"	40 ton (36 mt)	Strokes per minute in light material	40 spm (1/4" stroke) [Punch Station]
Brake 24"	30 ton (27 mt)	Strokes per minute in heavy material	17 spm (3/4" stroke) [Punch Station]
Open End Brake	Max. 1/4" x 6" Flat or (6 x 150 mm) Angle Iron	Hydraulics	2,600 psi (183 bar)
Pipe Notcher Schedule 40	3/4", 1" (19 mm, 25 mm) 1-1/4" (32 mm) 1-1/2", 2" (38 mm, 50 mm)	Motor Standard	5 hp 3 ph (3.73 kW) 230/460 208/380/575
Rectangle Notcher	2" x 2-1/2" x 3/8" (50 x 65 x 10 mm)	Motor Optional	5 hp 1 ph (3.73 kW) 230 v
90° V. Notcher	6" x 6" x 5/16" (150 x 150 x 8 mm)	Dimensions	W-24" (57 cm) L-60" (152 cm) H-66" (168 cm)
		Weight	2,750 lbs. (1,250 kg)

9012-24M

STANDARD FEATURES

- 90-ton punch station (1-1/8" in 1")
- Keyed punch ram for safety
- 12" throat depth
- Punch gauging table with fence and scale
- Die holder complete with 2" die insert
- Punch nut with wrench & stripper
- One round punch & die: max. diameter 1-1/4"
- Punch jog control
- Adjustable electric stroke control with scale
- Electric remote foot pedal
- Angle shear capacity: 6" x 6" x 1/2" at 90°
- 24" flat bar shear with 4-way reversible blade
- Shear table with miter fence
- Tool table work area
- Two-stage hydraulic pump
- Electrical box supplied with emergency palm button and lock-out tag-out accommodations
- 230/460 volt / 3-ph electrics (must specify voltage)
- All guards necessary to comply with ANSI B 11-5 standards
- Forklift accommodations
- One-year warranty
- Made in the USA



CAPACITIES AND SPECIFICATIONS

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

Punching Capacity	90 ton (80 mt) 1-1/8" in 1" (27 mm in 25 mm)	Channel Shear	2" to 6" adj. (50 mm to 150 mm adj.)
Special Tooling	4" Max. Dia. (100 mm Max. Dia.)	Rod Shear	
Throat Depth	12" (300 mm)	Round Rod (Max.)	1/4" to 1-1/4", 9 Cavity (6 mm to 32 mm)
Flat Bar Shear	24" Length (600 mm)	Square Rod (Max.)	1/4" to 1", 1 Cavity (6 mm to 25 mm)
	1" x 8" (25 mm x 200 mm)	Square Tube Shear	1/2" to 2", 12 gauge (12 mm to 50 mm, 2.75 mm)
	3/4" x 12" (18 x 300 mm)	Picket Tool	1/2", 3/4" & 1" (12 mm, 19 mm, 25 mm) 16 gauge (1.6 mm)
	1/2" x 16" (12 x 400 mm)	Offset Die Holder	Max. 40 ton (36 mt)
	1/4" x 24" (6 x 600 mm)	Strokes per minute in light material	37 spm (1/4" stroke) [Punch Station]
Opt. Sabre Blade	1/2" x 22" (12 x 550 mm) 3/8" x 24" (10 x 600 mm)	Strokes per minute in heavy material	24 spm (3/4" stroke) [Punch Station]
Angle Shear 90°	6" x 6" x 1/2" (150 x 150 x 12 mm)	Hydraulics	2,600 psi (183 bar)
Angle Shear 45° (with Bar Shear)	3" x 3" x 3/8" (75 x 75 x 10 mm) 4" x 4" x 1/2" (100 x 100 x 12 mm)	Motor Standard	5 hp 3 ph (3.73 kW) 230/240 208/380/575
Brake 12"	50 ton (45 mt)	Motor Optional	5 hp 1 ph (3.73 kW) 230 v
Brake 24"	40 ton (36 mt)	Dimensions	W-26" (66 cm) L-76" (193 cm) H-70" (177 cm)
Open End Brake	Max. 1/4" x 6" Flat or (6 x 150 mm) Angle Iron	Weight	3,900 lbs. (1,770 kg)
Pipe Notcher Schedule 40	3/4", 1" (20 mm, 25 mm) 1-1/4" (32 mm) 1-1/2", 2" (38 mm, 50 mm)		
Rectangle Notcher	2" x 2-1/2" x 3/8" (50 x 65 x 10 mm)		
90° V-Notcher	6" x 6" x 5/16" (150 x 150 x 8 mm)		

12012-24M



STANDARD FEATURES

- 120-ton punch station (1-1/2" in 1")
- Keyed punch ram for safety
- 12" throat depth
- Punch gauging table with fence and scale
- Die holder complete with 2" and 2-1/2" die inserts
- #40 and #45 punch nuts with wrench & stripper
- One round punch & die: max. diameter 1-1/4"
- Punch jog control
- Electric adjustable stroke control with scale
- Electric remote foot pedal
- Angle shear capacity 6" x 6" x 1/2" at 90°
- 24" flat bar shear with 4-way reversible blade
- Shear table with miter fence
- Tool table work area
- Two-stage hydraulic pump
- Electrical box supplied with emergency palm button and lock-out tag-out accommodations
- 230/460 volt /3-ph electrics (must specify voltage)
- All guards necessary to comply with ANSI B-11 5 standards
- Forklift accommodations
- One year warranty
- Made in the USA

CAPACITIES AND SPECIFICATIONS

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

Punching Capacity	120 ton (108 mt) 1-1/2" in 1" (38 mm in 25 mm)	Rod Shear	
Special Tooling	4" Max. Dia. (100 mm Max. Dia.)	Round Rod (Max.)	1/4" to 1-1/4", 9 Cavity (6 mm to 32 mm)
Throat Depth	12" (300 mm)	Square Rod (Max.)	1/4" to 1", 1 Cavity (6 mm to 25 mm)
Flat Bar Shear	24" Length (600 mm) 1" x 12" (25 x 300 mm) 3/4" x 20" (18 x 500 mm) 1/2" x 24" (12 x 600 mm)	Square Tube Shear	1/2" to 2", 12 gauge (12 mm to 50 mm, 2.75 mm)
Angle Shear 90°	6" x 6" x 1/2" (150 x 150 x 12 mm)	Picket Tool	1/2", 3/4" & 1" (13 mm, 19 mm, 25 mm) 16 gauge (1.6 mm)
Angle Shear 45°	3" x 3" x 3/8" (75 x 75 x 10 mm)	Offset Die Holder	Max. 40 ton (36 mt)
(with Bar Shear)	4" x 4" x 1/2" (100 x 100 x 12 mm)	Strokes per minute in light material	37 spm (1/4" stroke) [Punch Station]
Brake 12"	83 ton (75 mt)	Strokes per minute in heavy material	25 spm (3/4" stroke) [Punch Station]
Brake 24"	65 ton (59 mt)	Hydraulics	2,600 psi (183 bar)
Open End Brake	Max. 1/4" x 6" Flat or (6 x 150 mm) Angle Iron	Motor Standard	5 hp 3 ph (3.73 kW) 230/460 208/380/575
Pipe Notcher	3/4", 1" (19 mm, 25 mm)	Motor Optional	5 hp 1 ph (3.73 kW) 230 v
Schedule 40	1-1/4" (32 mm) 1-1/2", 2" (38 mm, 50 mm)	Dimensions	W-28" (71 cm) L-77" (196 cm) H-73" (185 cm)
Rectangle Notcher	2" x 2-1/2" x 3/8" (50 x 65 x 10 mm)	Weight	5,200 lbs. (2,360 kg)
90° V-Notcher	6" x 6" x 5/16" (150 x 150 x 8 mm)		
Channel Shear	2" to 6" adj. (50 mm to 150 mm adj.)		

DO 70/110-24M

STANDARD FEATURES

- Dual operator allows for two operators to work at the same time at full capacity
- 70-ton punch station (1-1/8" in 3/4")
- Keyed punch ram for safety
- 9" throat depth
- Punch gauging table with fence and scale
- Die holder complete with 2" die insert
- Punch nut with wrench
- 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 hydraulic pumps
- Two valves
- Angle shear capacity: 6" x 6" x 1/2" at 90°
- Rectangle notcher 3" x 4" x 1/2"
- Notcher table with guides
- 110-ton, 24" flat bar shear with sabre blade
- Shear table with miter fence
- Tool table work area
- Slug receptacles
- Electrical box supplied with emergency palm button and lock-out tag-out accommodations
- 230/460 volt / 3-ph electrics (must specify voltage)
- All guards necessary to comply with ANSI B 11-5 standards
- Forklift accommodations
- One-year warranty
- Made in the USA



CAPACITIES AND SPECIFICATIONS

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

Punching Capacity	70 ton (63 mt) 1-1/8" in 3/4" (28 mm in 20 mm)	Channel Shear	2" to 6" adj. (50 mm to 150 mm adj.)
Special Tooling	4" Max. Dia. (100 mm through 5.5 mm)	Rod Shear	
Throat Depth	9" (225 mm)	Round Rod (Max.)	1/4" to 1-1/4", 9 Cavity (6 mm to 32 mm)
Flat Bar Shear (sabre blade-std.)	110 ton, 24" Length, (100 mt, 600 mm) 1" x 6", 3/4" x 10" (25 x 150 mm, 18 x 250 mm) 1/2" x 14", 3/8" x 24" (12 x 350 mm, 10 x 600 mm)	Square Rod (Max.)	1/4" to 1", 1 Cavity (6 mm to 25 mm)
Angle Shear 90°	6" x 6" x 1/2" (150 x 150 x 12 mm)	Square Tube Shear	1/2" to 2", 12 gauge (2.75 mm)
Angle Shear 45° (with Bar Shear)	3" x 3" x 3/8" (75 x 75 x 10 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"	65 ton (59 mt)	Offset Die Holder	Max. 40 ton (36 mt)
Brake 24"	45 ton (40 mt)	Strokes per minute in light material	25 spm (1/4" stroke) [Punch Station]
Open End Brake	Max. 1/4" x 6" Flat or (6 x 150 mm) Angle Iron	Strokes per minute in heavy material	17 spm (3/4" stroke) [Punch Station]
Pipe Notcher Schedule 40	3/4", 1", (19 mm, 25 mm) 1-1/4", (32 mm) 1-1/2", 2" (38 mm, 50 mm)	Hydraulics	2,400/2,600 psi (165/179 bar)
90° V-Notcher	6" x 6" x 5/16" (150 x 150 x 8 mm)	Motor Standard	10 hp 3 ph (7.46 kW) 230/460 208/380/575
Rectangle Notcher	3" x 5" x 3/8" (75 x 125 x 10 mm) 3" x 4" x 1/2" (75 x 100 x 12 mm)	Motor Optional	10 hp 1 ph (7.46 kW) 220 v
V-Notch	3" x 3" x 3/8" (75 x 75 x 10 mm)	Dimensions	W-30" (76 cm) L-65" (165 cm) H-72 1/8" (183 cm)
Notching in Leg of Channel	6" to 10" (150 mm to 250 mm)	Weight	3,790 lbs. (1,720 kg)

DO 95/140-24M



STANDARD FEATURES

- Dual operator allows for two operators to work at the same time at full capacity
- 95-ton punch station (1-3/16" in 1")
- Keyed punch ram for safety
- 9" throat depth
- Punch gauging table with fence and scale
- Die holder complete with 2" die insert
- Punch nut with wrench
- 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 hydraulic pumps
- Two valves
- Angle shear capacity: 6" x 6" x 1/2" at 90°
- Rectangle notcher 3" x 4" x 1/2"
- Notcher table with guides
- 140-ton, 24" flat bar shear with sabre blade
- Shear table with miter fence
- Tool table work area
- Slug receptacles
- Electrical box supplied with emergency palm button and lock-out tag-out accommodations
- 230/460 volt / 3-ph electrics (must specify voltage)
- All guards necessary to comply with ANSI B 11-5 standards
- Forklift accommodations
- One-year warranty
- Made in the USA

CAPACITIES AND SPECIFICATIONS

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

Punching Capacity	95 ton (86 mt) 1-3/16" in 1" (27 mm in 25 mm)	Channel Shear	2" to 6" adj. (50 mm to 150 mm adj.)
Special Tooling	4" Max. Dia. (100 mm through 5.5 mm)	Rod Shear	
Throat Depth	9" (225 mm)	Round Rod (Max.)	1/4" to 1-1/4", 9 Cavity (6 mm to 32 mm)
Flat Bar Shear (sabre blade-std.)	140 ton, 24" Length, (127 mt, 609 mm) 1" x 8", 3/4" x 12" (25 x 203 mm, 18 x 304 mm) 1/2" x 16", 3/8" x 24" (12 x 406 mm, 10 x 609 mm)	Square Rod (Max.)	1/4" to 1", 1 Cavity (6 mm to 25 mm)
Angle Shear 90°	6" x 6" x 1/2" (150 x 150 x 12 mm)	Square Tube Shear	1/2" to 2", 12 gauge (2.75 mm)
Angle Shear 45° (with Bar Shear)	3" x 3" x 3/8" (75 x 75 x 10 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"	80 ton (72.5 mt)	Offset Die Holder	Max. 40 ton (36 mt)
Brake 24"	55 ton (50 mt)	Strokes per minute in light material	25 spm (1/4" stroke) [Punch Station]
Open End Brake	Max. 1/4" x 6" Flat or (6 x 150 mm) Angle Iron	Strokes per minute in heavy material	17 spm (3/4" stroke) [Punch Station]
Pipe Notcher Schedule 40	3/4", 1", (19 mm, 25 mm) 1-1/4", (32 mm) 1-1/2", 2" (38 mm, 50 mm)	Hydraulics	3,500 psi (241 bar)
90° V-Notcher	6" x 6" x 5/16" (150 x 150 x 8 mm)	Motor Standard	10 hp 3 ph (7.46 kW) 230/460 208/380/575
Rectangle Notcher	3" x 5" x 3/8" (75 x 125 x 10 mm) 3" x 4" x 1/2" (75 x 100 x 12 mm)	Motor Optional	10 hp 1 ph (7.46 kW) 220 v
V-Notch	3" x 3" x 3/8" (75 x 75 x 10 mm)	Dimensions	W-30" (76 cm) L-65" (165 cm) H-72 1/8" (183 cm)
Notching in Leg of Channel	6" to 10" (150 mm to 250 mm)	Weight	4,000 lbs. (1,814 kg)

DO 120/200-24M

STANDARD FEATURES

- Dual operator allows for two operators to work at the same time at full capacity
- 120-ton punch station (1-1/2" in 1")
- Keyed punch ram for safety
- 12" throat depth
- Punch gauging table with fence and scale
- Die holder complete with 2" and 2-1/2" die inserts
- Punch nut with wrench
- Adjustable swing-away stripper
- One round punch & die: max. diameter 1-1/4"
- Punch jog control
- Two electric remote foot pedals
- Two adjustable electric stroke controls with scale
- Two hydraulic pumps
- Two valves
- Angle shear capacity: 6" x 6" x 1/2" at 90°
- Rectangle notcher 3" x 5-3/4" x 1/2"
- Notcher table with guides
- 200-ton, 24" flat bar shear with sabre blade
- Shear table with miter fence
- Tool table work area
- Slug receptacles
- Electrical box supplied with emergency palm button and lock-out tag-out accommodations
- 230/460 volt / 3-ph electrics (must specify voltage)
- All guards necessary to comply with ANSI B 11-5 standards
- Forklift accommodations
- One-year warranty
- Made in the USA



CAPACITIES AND SPECIFICATIONS

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

Punching Capacity	120 ton (108 mt) 1-1/2" in 1" (38 mm in 25 mm)	Channel Shear	2" to 6" adj. (50 mm to 150 mm)
Special Tooling	4" Max. Dia. (100 mm Max. Dia.)	Rod Shear	
Throat Depth	12" (300 mm)	Round Rod (Max.)	1/4" to 1-1/4", 9 Cavity (6 mm to 32 mm)
Flat Bar Shear (sabre blade-std.)	200 ton, 24" Length (600 mm) 1" x 12" (25 x 300 mm) 3/4" x 20" (18 x 500 mm) 1/2" x 24" (12 x 600 mm)	Square Rod (Max.)	1/4" to 1", 1 Cavity (6 mm to 25 mm)
Angle Shear 90°	6" x 6" x 1/2" (150 x 150 x 12 mm)	Square Tube Shear	1/2" to 2", 12 gauge (12 mm to 50 mm, 2.75 mm)
Angle Shear 45° (with Bar Shear)	3" x 3" x 3/8" (75 x 75 x 10 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"	75 ton (55 mt)	Offset Die Holder	Max. 40 ton (36 mt)
Brake 24"	55 ton (40 mt)	Strokes per minute in light material	20 spm (1/4" stroke) [Punch Station]
Open End Brake	Max. 1/4" x 6" Flat or (6 x 150 mm) Angle Iron	Strokes per minute in heavy material	11 spm (3/4" stroke) [Punch Station]
Pipe Notcher Schedule 40	3/4", 1" (19 mm, 25 mm) 1-1/4" (32 mm) 1-1/2", 2" (38 mm, 50 mm)	Hydraulics	2,750 psi (189 bar)
90° V-Notcher	6" x 6" x 5/16" (150 x 150 x 8 mm)	Motor Standard	10 hp 3 ph (7.46 kW) 230/460 208/380/575
Rectangle Notcher	3" x 5-3/4" x 1/2" (75 x 145 x 12 mm)	Motor Optional	10 hp 1 ph (7.46 kW) 230 v
V-Notch	3" x 3" x 1/2" (75 x 75 x 12 mm)	Dimensions	W-34" (119 cm) L-77-1/4" (174 cm) H-74 1/4" (187 cm)
Notching in Leg of Channel	6" to 10" (150 mm to 250 mm)	Weight	6,000 lbs. (2,730 kg)

DO 135/220-24M



STANDARD FEATURES

- Dual operator allows for two operators to work at the same time at full capacity
- 135-ton punch station (1-1/16" in 1")
- Keyed punch ram for safety
- 12" throat depth
- Punch gauging table with fence and scale
- Die holder complete with 2" and 2-1/2" die inserts
- Punch nut with wrench
- Adjustable swing-away stripper
- One round punch & die: max. diameter 1-1/4"
- Punch jog control
- Two electric remote foot pedals
- Two adjustable electric stroke controls with scale
- Two hydraulic pumps
- Two valves
- Angle shear capacity: 6" x 6" x 1/2" at 90°
- Rectangle notcher 3" x 5-3/4" x 1/2"
- Notcher table with guides
- 220-ton, 24" flat bar shear with sabre blade
- Shear table with miter fence
- Tool table work area
- 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
- One-year warranty
- Made in the USA

CAPABILITIES AND SPECIFICATIONS

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

Punching Capacity	135 ton (122 mt) 1-11/16" in 1" (43 mm in 25 mm)	Channel Shear	2" to 6" adj. (50 mm to 150 mm)
Special Tooling	4" Max. Dia. (100 mm Max. Dia.)	Rod Shear	
Throat Depth	12" (300 mm)	Round Rod (Max.)	1/4" to 1-1/4", 9 Cavity (6 mm to 32 mm)
Flat Bar Shear (sabre blade-std.)	220 ton, 24" Length (600 mm) 1" x 12" (25 x 300 mm) 3/4" x 20" (18 x 500 mm) 1/2" x 24" (12 x 600 mm)	Square Rod (Max.)	1/4" to 1", 1 Cavity (6 mm to 25 mm)
Angle Shear 90°	6" x 6" x 1/2" (150 x 150 x 12 mm)	Square Tube Shear	1/2" to 2", 12 gauge (12 mm to 50 mm, 2.75 mm)
Angle Shear 45° (with Bar Shear)	3" x 3" x 3/8" (75 x 75 x 10 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"	90 ton (81.6 mt)	Offset Die Holder	Max. 40 ton (36 mt)
Brake 24"	70 ton (63.5 mt)	Strokes per minute in light material	20 spm (1/4" stroke) [Punch Station]
Open End Brake	Max. 1/4" x 6" Flat or (6 x 150 mm) Angle Iron	Strokes per minute in heavy material	11 spm (3/4" stroke) [Punch Station]
Pipe Notcher Schedule 40	3/4", 1" (19 mm, 25 mm) 1-1/4" (32 mm) 1-1/2", 2" (38 mm, 50 mm)	Hydraulics	3,500 psi (241 bar)
90° V-Notcher	6" x 6" x 5/16" (150 x 150 x 8 mm)	Motor Standard	10 hp 3 ph (7.46 kW) 230/460 208/380/575
Rectangle Notcher	3" x 5-3/4" x 1/2" (75 x 145 x 12 mm)	Motor Optional	10 hp 1 ph (7.46 kW) 230 v
V-Notch	3" x 3" x 1/2" (75 x 75 x 12 mm)	Dimensions	W-34" (119 cm) L-77-1/4" (174 cm) H-74 1/4" (187 cm)
Notching in Leg of Channel	6" to 10" (150 mm to 250 mm)	Weight	6,200 lbs. (2,812 kg)

DO 150/240-24M

STANDARD FEATURES

- Dual operator allows for two operators to work at the same time at full capacity
- 150-ton punch station (1-7/8" in 1")
- Keyed punch ram for safety
- 12" throat depth
- Punch gauging table with fence and scale
- Die holders - 2", 2-1/2", 3"
- Punch nut with wrench
- Adjustable swing-away stripper
- One round punch & die: max. diameter 1-1/4"
- Punch jog control
- Two electric remote foot pedals
- Two adjustable electric stroke controls with scale
- Two hydraulic pumps
- Two valves
- Angle shear capacity: 6" x 6" x 1/2" at 90°
- Rectangle notcher 3" x 5-3/4" x 1/2"
- Notcher table with guides
- 240-ton, 24" flat bar shear with sabre blade
- Shear table with miter fence
- Tool table and work area
- Slug receptacles
- Electrical box supplied with emergency palm button and lock-out tag-out accommodations
- 230/460 volt / 3-ph electrics (must specify voltage)
- All guards necessary to comply with ANSI B 11-5 standards
- Forklift accommodations
- One-year warranty
- Made in the USA



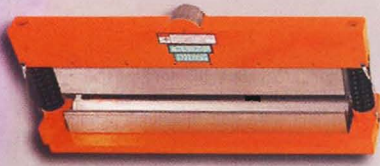
CAPACITIES AND SPECIFICATIONS

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

Punching Capacity	150 ton (136 mt) 1-1/2" in 1-1/4" (38 mm in 32 mm) 1-7/8" in 1" (48 mm in 25 mm) 2-1/2" in 3/4" (63 mm in 19 mm)	Channel Shear	2" to 6" adj. (50 mm to 150 mm)
Special Tooling	4" Max. Dia. (100 mm Max. Dia.)	Rod Shear	
Throat Depth	12" (300 mm)	Round Rod (Max.)	1/4" to 1-1/4", 9 Cavity (6 mm to 32 mm)
Flat Bar Shear (sabre blade-std.)	240 ton, 24" Length (600 mm) 1" x 14" (25 x 355 mm) 3/4" x 24" (19 x 610 mm)	Square Rod (Max.)	1/4" to 1", 1 Cavity (6 mm to 25 mm)
Angle Shear 90°	6" x 6" x 1/2" (150 x 150 x 12 mm)	Square Tube Shear	1/2" to 2", 12 gauge (12 mm to 50 mm, 2.75 mm)
Angle Shear 45° (with Bar Shear)	3" x 3" x 3/8" (75 x 75 x 10 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"	75 ton (55 mt)	Offset Die Holder	Max. 40 ton (36 mm)
Brake 24"	55 ton (40 mt)	Strokes per minute in light material	20 spm (1/4" stroke) [Punch Station]
Open End Brake	Max. 1/4" x 6" Flat or (6 x 150 mm) Angle Iron	Strokes per minute in heavy material	11 spm (3/4" stroke) [Punch Station]
Pipe Notcher Schedule 40	3/4", 1" (19 mm, 25 mm) 1-1/4" (32 mm) 1-1/2", 2" (38 mm, 50 mm)	Hydraulics	3,500/3,000 psi (241/207 bar)
90° V-Notcher	6" x 6" x 5/16" (150 x 150 x 8 mm)	Motor Standard	10 hp 3 ph (7.46 kW) 230/460 208/380/575
Rectangle Notcher	3" x 5-3/4" x 1/2" (75 x 145 x 12 mm)	Motor Optional	10 hp 1 ph (7.46 kW) 230 v
V-Notch	3" x 3" x 1/2" (75 x 75 x 12 mm)	Dimensions	W-34" (119 cm) L-77-1/4" (174 cm) H-74 1/4" (187 cm)
Notching in Leg of Channel	6" to 10" (150 mm to 250 mm)	Weight	6,400 lbs. (2,910 kg)

Optional Standard Tooling

6509, 9012, 12012, DO 70, DO 95, DO 120, DO 135, DO 150



12" & 24" Brake



Open End Brake



Pipe Notcher



90° V-Notcher



Rectangle Notcher



6" x 6" Die Holder



Channel Shear



Tube Shear



Rod Shear



Picket Tool



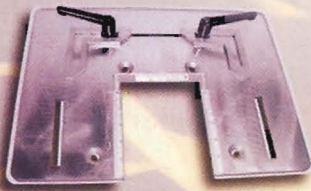
Offset Die Holder



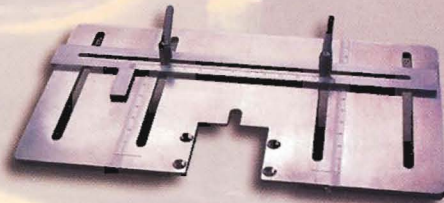
Unequal Leg Angle Blades



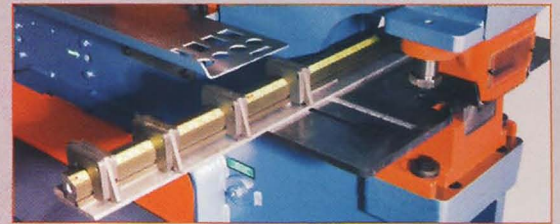
Punch Slug Receptacle



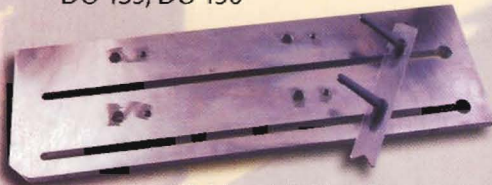
Notcher Table
DO 70, DO 95, DO 120,
DO 135, DO 150



Punch Gauging Table
with Fence & Scale

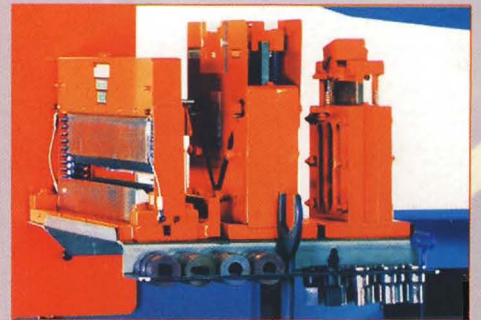
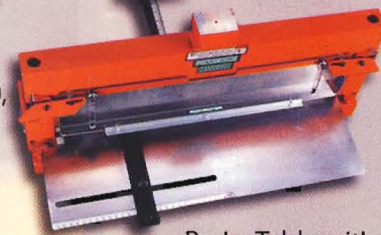


Multi-Loc Punch Gauging Table
36" and 85" extensions available
(larger image on page 17)

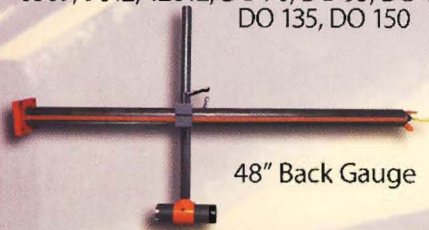


Shear Table with Miter Fence
6509, 9012, 12012, DO 70, DO 95, DO 120,
DO 135, DO 150

Brake Length Gauge
with Scale 12" & 24"
Brakes



Tool table extension with punch
and die storage - 6509, 9012, 12012,
DO 70, DO 95, DO 120, DO 135, DO 150



48" Back Gauge

Brake Table with
Scale & Squaring Arm
12" & 24" Brake



Conveyor Attachments & Supports

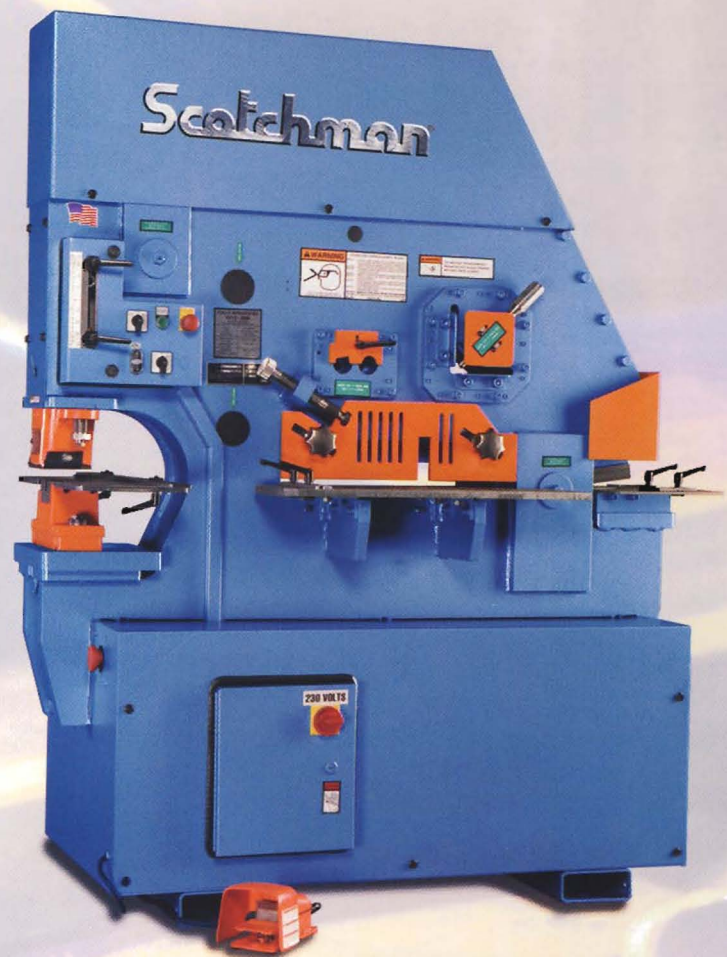
6509, 9012, 12012, DO 70
DO 95, DO 120, DO 135, DO 150

24" x 5' conveyor
with angle iron support
attached to DO 70/110

FI 8510-20M

STANDARD FEATURES

- 85-ton punch station (1-1/16" in 1")
- Keyed punch ram for safety
- 10" throat depth
- Die holder complete with 2" die insert
- Punch nut with wrench
- 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 with 4-way reversible blade
- Rod shear capacity 1-3/8" round, 1-1/4" square
- Rectangle notcher capacity: 3" x 5" x 1/2"
- 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
- One-year warranty
- Made in the USA

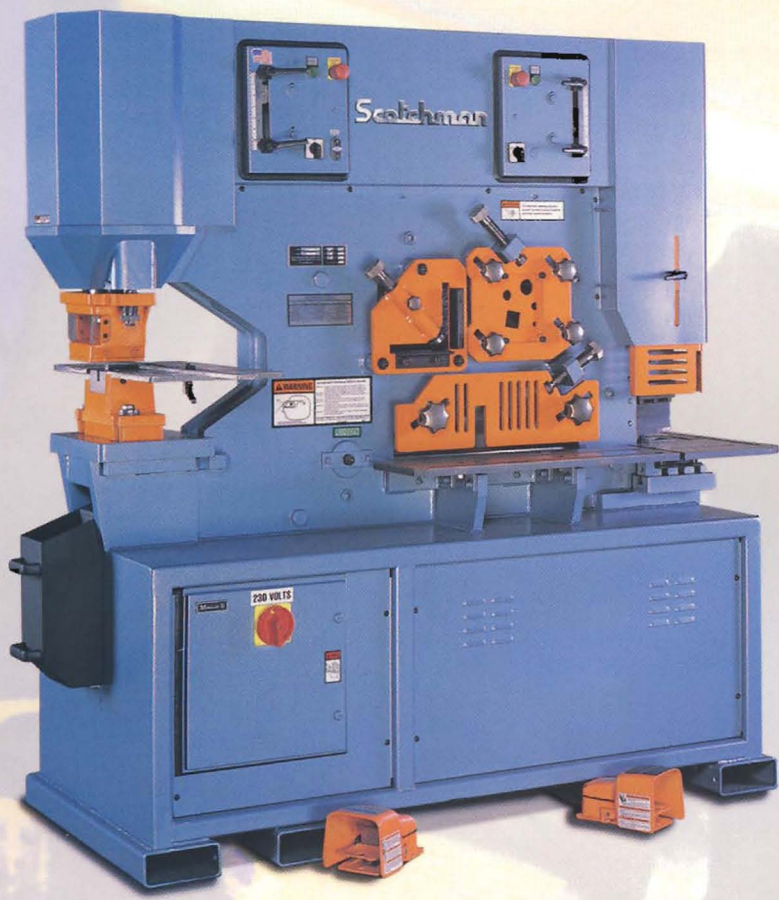


CAPACITIES AND SPECIFICATIONS

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)	Rod Shear	
Special Tooling	4" Max. Dia. (100 mm Max. Dia.)	Round Rod	1-1/2" (38 mm)
Throat Depth	10" (250 mm)	Square Rod	1-1/4" (32 mm)
Flat Bar Shear	20" Length, 1" x 12" (500 mm, 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°	6" x 6" x 1/2" (150 x 150 x 12 mm)	Picket Tool	1/2", 3/4" & 1" (12 mm, 19 mm, 25 mm) 16 gauge (1.6 mm)
(45° with Bar Shear)	4" x 4" x 1/2" (100 x 100 x 12 mm)	Offset Die Holder	Max. 40 ton (36 mt)
Brake 12"	85 ton (77 mt)	Strokes per minute in light material	35 spm (1/4" stroke) [Punch Station]
Brake 24"	85 ton (77 mt)	Strokes per minute in heavy material	14 spm (3/4" stroke) [Punch Station]
Open End Brake	Max. 1/4" x 6" Flat or Angle Iron (6 x 150 mm)	Hydraulics	2,600 psi (183 bar)
Pipe Notcher Schedule 40	3/4", 1" (19 mm, 25 mm) 1-1/4" (32 mm) 1-1/2", 2" (38 mm, 50 mm)	Motor Standard	5 hp 3 ph (3.76 kW) 230/460 208/380/575
90° V-Notcher	6" x 6" x 5/16" (150 x 150 x 8 mm)	Motor Optional	5 hp 1 ph (3.76 kW) 230 v
Rectangle Notcher	3" x 5" x 1/2" (75 x 125 x 12 mm)	Dimensions	W-30" (76 cm) L-67" (168 cm) H-77" (195 cm)
90° V-Notcher	3" x 3" x 1/2" (75 x 75 x 12 mm)	Weight	4,200 lbs. (1,910 kg)
Channel Shear	2" to 6" adj. (50 mm to 150 mm adj.)		

DO 8514-20M



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
- 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 hydraulic pumps
- Two valves
- 6" x 6" x 1/2" slug-less angle shear
- Built-in 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 with 4-way reversible blade
- 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 or 460 volt / 3-ph electric
- All guards necessary to comply with ANSI B 11-5 standards
- Forklift accommodations
- One-year warranty
- 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)	Rod Shear	
Special Tooling	4" Max. Dia. (200 mm Max. Dia.)	Round Rod (Max.)	1/2", 3/4", 1", 1-1/2", (13 mm, 19 mm, 25 mm, 38 mm)
Throat Depth	14" (350 mm)	Square Rod (Max.)	1-1/2" (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 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 13 mm) 4" x 4" x 1/2" (100 x 100 x 13 mm)	Picket Tool	1/2", 3/4" & 1" (13 mm, 19 mm, 25 mm) 16 gauge (1.6 mm)
Brake 12" Brake 24"	85 ton (77 mt) 85 ton (77 mt)	Offset Die Holder	Max. 40 ton (36 mt)
Open End Brake	6" x 5/8" (150 x 16 mm)	Strokes per minute in light material	48 spm (1/4" stroke) [Punch Station]
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 heavy material	20 spm (3/4" stroke) [Punch Station]
90° V-Notcher (Punch Station)	6" x 6" x 5/16" (150 x 150 x 8 mm)	Hydraulics	3,200/3,800 psi (220/260 bar)
Rectangle Notcher 90° V-Notcher (Notcher Station) Punch Attachment for Notcher Station	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)	Motor Standard	10 hp 3 ph (7.46 kW) 230/460 208/380/575
Throat Depth w/Punch attachment	4-7/16"	Motor Optional	10 hp 1 ph (7.46 kW) 230 v
Channel Shear	2" to 6" (50 mm to 150 mm)	Dimensions	W-30" (750 cm) L-70" (1500 cm) H-77" (1925 cm)
		Weight	5,400 lbs. (2,455 kg)

Optional Standard Tooling

FI 8510-20M, DO 8514-20M



12" & 24" Brake



Open End Brake



Pipe Notcher



90° V-Notcher



Tube Shear



Picket Tool



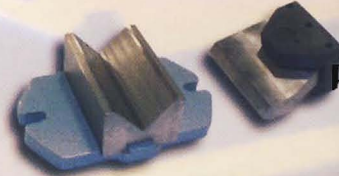
6" x 6" Die Holder



Offset Die Holder



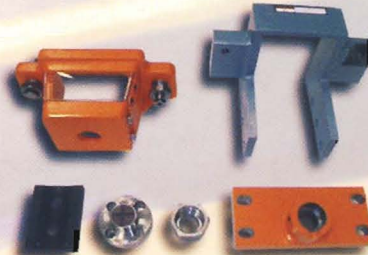
Urethane Stripper for
Punch End DO 8514



Open End Brake for
Notcher End DO 8514



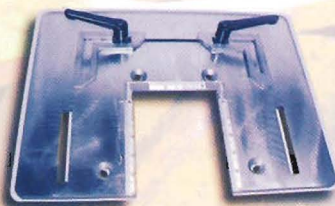
Channel Shear Blades
DO 8514



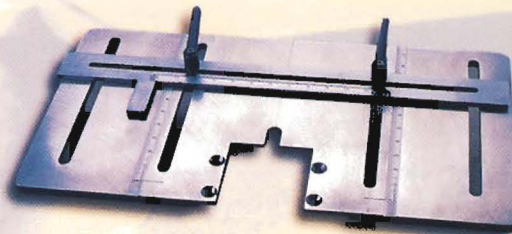
Optional Punch for Notcher End
DO 8514



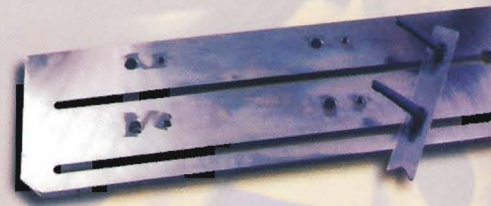
Punch Slug
Receptacle



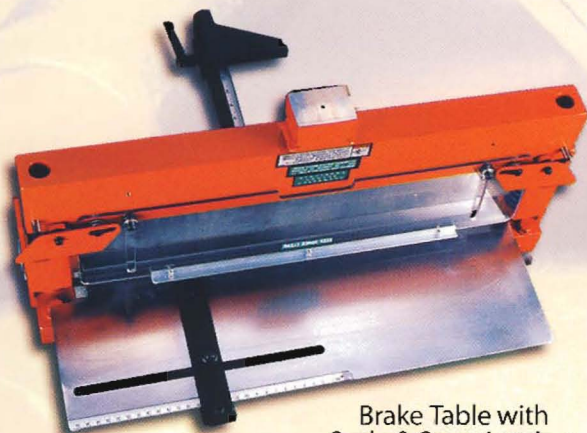
Notcher Table



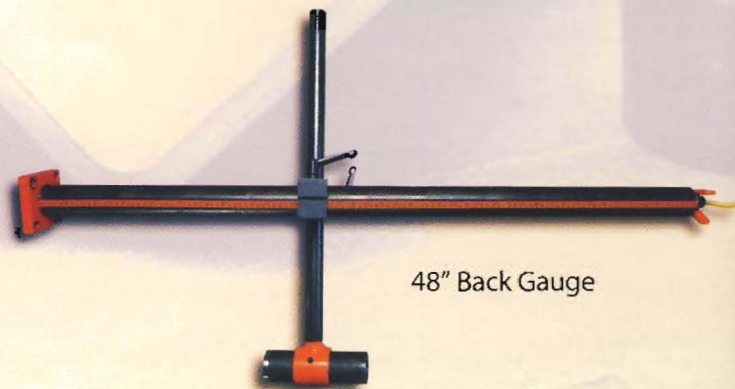
Punch Gauging Table
with Fence & Scale



Shear Table with Miter Fence



Brake Table with
Scale & Squaring Arm
12" & 24" Brake



48" Back Gauge

Conveyor Attachments & Supports

FI 8510-20M, DO 8514-20M



24" x 5' conveyor with angle iron support attached to FI 8510/20M

Conveyor tables can be lined up to hold longer pieces and still have room for forklift access in between.



Multi-Loc Punch Gauging Table 36" and 85" extensions available

In-Stock Punches & Dies

#20 & #40 Rounds

1/8	11/16
5/32	23/32
3/16	3/4
13/64	25/32
7/32	13/16
1/4	27/32
17/64	7/8
9/32	29/32
5/16	15/16
11/32	31/32
3/8	1
13/32	1-1/32
7/16	1-1/16
15/32	1-3/32
1/2	1-1/8
17/32	1-5/32
9/16	1-3/16
19/32	1-7/32
5/8	1-1/4
21/32	

Round Metric

5 mm	19 mm
6 mm	20 mm
7 mm	21 mm
8 mm	22 mm
9 mm	23 mm
10 mm	24 mm
11 mm	25 mm
12 mm	26 mm
13 mm	27 mm
14 mm	28 mm
15 mm	29 mm
16 mm	30 mm
17 mm	31 mm
18 mm	32 mm

#45 Round Punches

1-9/32
1-5/16
1-11/32
1-3/8
1-13/32
1-7/16
1-15/32
1-1/2
1-17/32
1-9/16

Split Ring Round

1-5/8
1-3/4
2
2-1/4
2-1/2
2-3/4
3

Round Offset Dies

9/32
5/16
11/32
3/8
13/32
7/16
15/32
1/2
17/32
9/16
19/32

#49 Round Punches

1-5/8	1-7/8
1-11/16	1-15/16
1-3/4	2
1-13/16	

Ovals

1/4 x 1/2	13/16 x 1
9/32 x 1/2	7/8 x 1
1/4 x 3/4	15/16 x 1
9/32 x 3/4	1/4 x 1-1/4
5/16 x 3/4	9/32 x 1-1/4
11/32 x 3/4	5/16 x 1-1/4
3/8 x 3/4	3/8 x 1-1/4
13/32 x 3/4	13/32 x 1-1/4
7/16 x 3/4	9/32 x 1-1/4
15/32 x 3/4	5/16 x 1-1/4
1/2 x 3/4	11/32 x 1-1/4
17/32 x 3/4	3/8 x 1-1/4
9/16 x 3/4	13/32 x 1-1/4
19/32 x 3/4	7/16 x 1-1/4
5/8 x 3/4	15/32 x 1-1/4
1/4 x 1	1/2 x 1-1/4
9/32 x 1	17/32 x 1-1/4
5/16 x 1	9/16 x 1-1/4
11/32 x 1	19/32 x 1-1/4
3/8 x 1	5/8 x 1-1/4
13/32 x 1	21/32 x 1-1/4
7/16 x 1	11/16 x 1-1/4
15/32 x 1	23/32 x 1-1/4
1/2 x 1	3/4 x 1-1/4
17/32 x 1	25/32 x 1-1/4
9/16 x 1	13/16 x 1-1/4
19/32 x 1	7/8 x 1-1/4
5/8 x 1	15/16 x 1-1/4
21/32 x 1	7/16 x 1-1/2
11/16 x 1	9/16 x 1-1/2
23/32 x 1	11/16 x 1-1/2
3/4 x 1	13/16 x 1-1/2
25/32 x 1	15/16 x 1-1/2

Squares

1/4
9/32
5/16
11/32
3/8
13/32
7/16
15/32
1/2
17/32
9/16
19/32
5/8
21/32
11/16
23/32
3/4
25/32
13/16
27/32
7/8
29/32
1
1-1/32

Hexagon

1/2
17/32
11/16
3/4

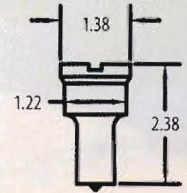
Corner Turning

1/2
3/4

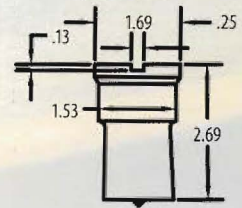
Trimming & Cut Off

3/4
1

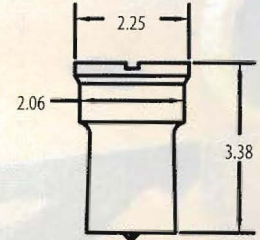
#40 Punch
1/8" Thru 1-1/4"
3 mm Thru 31 mm



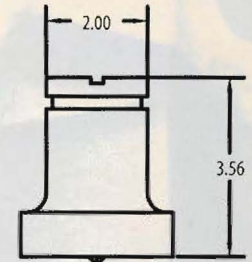
#45 Punch
1-9/32" Thru 1-9/16"
32 mm Thru 36 mm



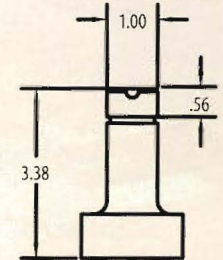
#49 Punch
(12012, DO 120, DO 135, DO 150 Machines Only)
1-5/8" Thru 2"
37 mm Thru 52 mm



Split Ring Punch
Thru 4"



#20 Punch
1/8" Thru 2-1/4"
3 mm Thru 57 mm



Special Punches & Dies



CUSTOM TOOLING

Various tooling options and hundreds of punches and dies are available for every model. In addition, we build custom tooling for your special applications.

Sample Custom Tooling Built for Special Applications

