

Saber Metal Fabrication Equipment and Machine Tools

Saber

**Contact your local Saber
dealer for more information**

Distributed by:

SAWS

Vertical Bandsaw - Model KB45

- Built-in Blade Shear & Weld Grinder
- Saw Blade Butt Welder with integrated Annealing Unit
- Max.. cutting capacity: 17" (throat) x 10" (high)
- Blade speeds: 85-375 SFPM
- Table size: 23-1/2" x 19-1/2"
- Blade length: 137-3/8"
- Blade width: 1/8" - 5/8"
- Motor: 1 phase, 220V
- Tilting table
- Work Lamp
- Net weight: 660 lbs
- Dimensions: 44" x 26" x 80"



**Built-in
Blade Shear &
Weld Grinder**

Miter Bandsaw Model CY-275

Specifications	
Cutting Capacity	90° - 9"
	45° - 6"
	60° - 4"
Blade Size	97-5/8" x 1" x 0.035"
Motor	1 h.p. / 1 Ph
Net Weight	440 lbs

**Includes Coolant Pump
and
Heavy-Duty Stand**

**Easy
Miter Up to
60°**

Swivel Head Bandsaw Model W1318S



**Includes
Entry & Exit Tables**

Specifications		
Capacity	Rectangle	13" h x 18" w
	45°	12" x 12"
	Round	13"
	Round @ 45°	12"
	Mitering Capability	90° to 30°
	Blade Dimensions	1" x 13'6"
	Blade Drive	3 h.p.
	Blade Speeds	92, 137, 198, 256 SFM
	Coolant Tank Capacity	8 US gal.
	Vise Control	Manual
	Table Height	31"
	Machine Workload	5,000 lbs
	Machine Weight	1,800 lbs
	Machine Dimensions	83" w x 70" l x 57" h

Bandsaw - Model UE712

- Hydraulic cylinder for proper feed rate.
- Quick-positioning vise lessens set-up time.
- Built-in Blade Brush.
- Complete coolant system.
- Both horizontal and vertical operation.

Working Capacity		
	90°	45°
○	7"	4-1/2"
□	7"x12"	4-1/2"x7"

Specifications	
Saw Blade Speed (FPM)	85 130 180 235 FPM
Step Pulley	1 h.p./110V
Main Motor	3/4" x 93" x .032"
Blade Size	49" x 17" x 38"
Dimensions	Weight
	275 lbs

Dual Miter Bandsaw Model WE-350-DSV

- Rigid cast iron saw head
- Saw head swivels in two directions: 0-60° (R) and 0-45° (L)
- Direct gear drive helps extend life of blade
- Dual descent modes: manual and hydraulic
- Powerful coolant pump cools blades/assists in chip removal

Specifications	
Blade Size	1"x.035"x125"
Variable Blade Speed	0 - 262
Cutting functions	Manual or controlled descent
Motor (HP)	2 h.p., 220 Volt, 60Hz, Single Phase
Measurements	74"x30"x44"
Table Height	35"
Weight	910 lbs

CAPACITY				
Cutting Degree	90°	45°	60°	45° (L)
Round	10-1/2"	9-1/21"	6-5/16"	8-1/4"
Square	10"	8-3/4"	6"	7"
Rectangle	13-3/4" x 8-1/2"	9-1/2" x 6-5/16"	6" x 6"	7" x 7"

**Built-in
Broken Blade
Tension
Device**

Horizontal Bandsaw - Model UE916

- Blade guides have parallel double row ball-bearing support
- Vise is fully adjustable, quick-positioning and swivels to 45°
- Fully adjustable hyd. downfeed w/separate on/off valve
- Built-in blade tensioning gauge and large handwheel
- Blade brush: built-in & self-propelled
- Blade guides are carbide w/ rollers
- Blade guides distribute coolant
- Fully guarded blade
- Removable chip tray
- Automatic shut-off after cut
- Complete coolant system
- Bi-metal saw blade
- Adjustable material stop



Specifications	
Round Cap.	90° 9"
	45° 9"
Rectangle Cap.	90° 2" x 16" to 9" x 14"
	45° 9" x 7-3/4"
Throat Depth	9"
Vise Swivels	45°
Blade Size	1"x 119-1/2" x 0.032"
Blade Wheel Diameter	13"
Blade Speeds (SFPM)	82, 132, 170, 235
Working Height	25"
Dimensions	65" x 28"
Motor	1-1/2 h.p., 230V / 1 Ph
Net Weight	625 lbs

LATHES

Lathe - Model 2080



Specifications

Max. swing over bed	20"
Max. swing over cross slide	11-7/8"
Max. swing over gap	29"
Morse taper of tailstock	No. 5 Morse
Range of spindle speeds	25-1600 rpm
Distance between centers	60"
Spindle nose	D1-8
Main motor	10 h.p.
Coolant pump	1/8 h.p.
Weight	7500 lbs

Lathe - Model 1440



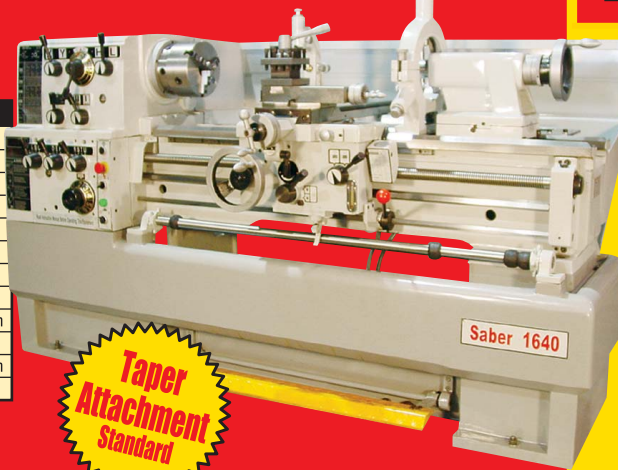
Specifications

Swing over bed	14"
Swing over cross slide	8-1/6"
Swing in gap diameter	9-1/3"
Between centers	40"
Spindle bore	1-1/2"
Spindle nose	D1 - 4"
Speeds range	70-2000rpm
Main motor	2h.p., 1ph
Weight	2000lbs

Lathe - Model 1660

Specifications

Swing over bed	16"
Swing over cross slide	8-13/16"
Swing in gap	25-1/8"
Distance between centers	60"
Morse taper of tailstock sleeve	No. 4 Morse
Spindle nose	D1 - 6
Spindle bore	2-1/4"
Range of spindle speed	12 changes 25 - 2000 rpm
Power of main motor	7.5 h.p.
Power of coolant pump	1/8 h.p., 3 ph
Weight	4300 lbs



Saber

The functional and affordable way to fill your Metal Shop needs!

METAL SHEARS

Hydraulic Shear Model HSB-10250



STANDARD FEATURE
Easy-to-Use
Control Panel

Specifications

Capacity (mild steel)	1/4" @ 65,000psi
Cutting Length	126"
Back Gauge	36"
Rake Angle	1° - 30°
Motor	15 h.p.
Weight	16,940 lbs
Dimensions	153"x72"x68"



INCLUDES Front Operated & Powered Backgauge

- Two 40" square arm with stainless steel rule and disappearing stops
- Squaring arm on left to square long sheet material
- Squaring arm on right for even knife service life on both ends
- 2' front support arms with adjustable disappearing stops and stainless steel rule
- Ball transfers in table for easily handling heavy metal
- Ball transfers on front support arms, front gauge bar and right squaring arm
- Shadow light and line for positioning scribed line
- Safety guards

Hydraulic Shear - Model H5210



Specifications

Capacity	52"x10ga - mild steel 52"x13ga - stainless steel
Motor	5h.p., 220V, 3-phase
Holdowns	Spring Type
Stroke Speed	30 per min.
Weight	3000 lbs
Dimensions	76"x36"x55"

GRINDERS

Heavy-Duty Belt Grinder Model BG-752A

- Adjustable Tool Rest
- Adjustable belt tracking system
- Spark & dust catching provision
- Magnetic start and overload relay
- Standard 79" belt w/self adjusting belt tensioner
- Hinged top cover for access to grinder belt
- Low operating noise
- Thermal overload protection
- Enclosed grinding head
- Protective safety grinding shield
- Grinding bead pivots for adjustable work height & angle
- Top mounted work table for polishing, de-burring & grinding
- Side access allows quick tool-free, belt changes in seconds



Angle Adjustment
Insures proper
working height for
Easy Use

Weight: 230 lbs
Belt Size (standard): 3"x78-3/4" & 6"x78-3/4"
Motor: Powerful 5 H.P., 3 phase, 220/440V (Ask for Single-Phase application)

Handfeed Surface Grinder Model GSG-618BC

- Smooth grinding with precision wheel head
- Downfeed driven with spiral bevel gears
- Table slides on 46 precision steel balls
- Permanent magnetic chucks
- Single phase electric motor
- Hand operated lubricator
- Diamond wheel dresser
- Coolant equipped



Includes
Steel Floor
Stand

Specifications

Table Surface Area	18" x 6"
Table Travel Max. Long.	16-1/2"
Max. Crossfeed	8"
Grinding Wheel Size	7" x 1-1/2" x 1/2"
Table Surface Max.	12-1/2"
to Wheel Center Min.	3-1/2"
Spindle Speed	3400-3600RPM
Spindle Motor	3/4.h.p. (115v/1 Phase)
Weight	748 lbs

Manual Coldsaw - Model FHC315D

- Saw Head swivels left or right for quick cuts
- Self-centering double vise for burr free cutting
- Includes large base with storage cabinets
- Rugged Cast Iron Construction
- Adjustable workstop
- Blade coolant system
- Blade Guard

14"
Model
also
available



Specifications

Saw Blade Size	HSS Dia. 10"-13"
Pin Hole	Arbor Hole 32mm
Vise	2x11x63mm
Max. Opening	5"
Main Motor	3 H.P.
2-speeds	
Arbor RPM	L-Type 70-35
Coolant Pump	1/8 h.p.
Weight	835 lbs



STANDARD FEATURE
**Self Centering
Double Vise**

20" Disc Grinder - Model DS-20

- 20" Disc Sander
- Table tilts to 45° with easy handwheel
- Forward & reversing switch
- Magnetic Starter
- 2H.P., 230V single phase motor
- Dust collection capabilities
- Adjustable 8" Table height for easy access



Includes
Foot Brake
&
Protractor

Saber

*The functional and
affordable way to fill your
Metal Shop needs!*

Plate Bending Roll

Hydraulic Plate Bending Roll

- All three rolls are Hydraulic driven
- Hydraulic bending roll adjustment
- Digital counter for bending roll position
- Hardened rolls for superior performance
- Centralized lubrication system
- Extremely heavy-duty for long life & durability
- Remote pedestal controls for ease of operation
- Removable foot controls - including forward and reverse operation
- Top roll swivels out for easy removal of material



Model: R-0570H

Specifications

	R-0570H	R-0440H	R-0640
Capacity	5'-1" of 9/32" mild steel	4'-3" of 8ga mild steel	6'8"x8ga
Roll Diam	7"	4-3/4"	5-7/8"
Weight	6600 lbs	4000 lbs	6000lbs

MILLS & DRILLS

Variable-Speed Vertical Turret Mill - Model 3VM

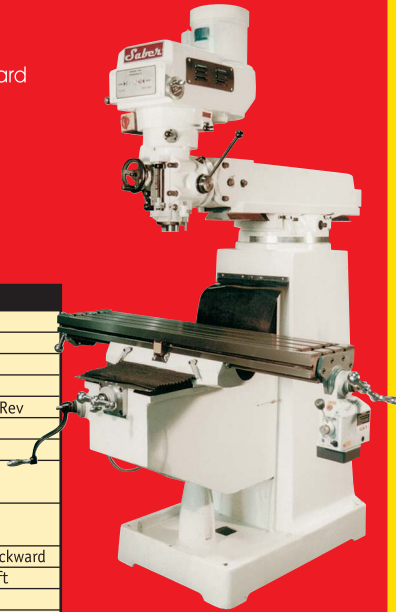
- X, Y, Z axis slideway hardened and ground
- Meehanite Casting
- R-8 Spindle Taper
- Table top hardened and ground
- Includes X axis power feed standard
- Safety handles on X and Y axis
- Big 10"x50" Table
- Built-in coolant basin



STANDARD
FEATURE
**POWER
TABLE FEED**

Specifications

Table Size	10"x50"
Table T-Slots	3"x5/8"
X, Y, Z Axis Travel	36"/15"/16"
Spindle Quill Travel	5"
Spindle Feed Rate	.0015"/.003"/.006"/Rev
Spindle Taper	R-8
Spindle Motor	3 h.p.
Spindle Center to Column Surface	6-3/4" - 29-3/4"
Spindle Nose to Table Surface	6-3/4" - 29-3/4"
Head Swivel	45° tilt forward & backward 90° swivel right & left
Ram Travel	20"
Spindle Speed	Vari-speed 70-4200 r.p.m.
Weight	2500 lbs



Milling Machine - Model 935S

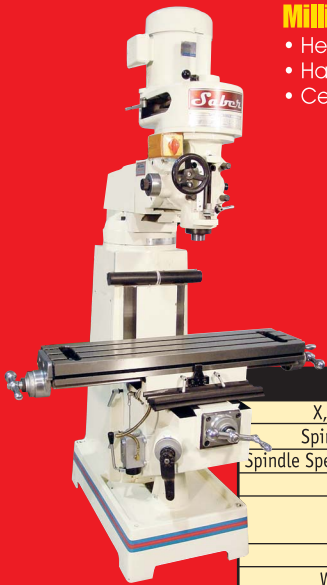
- Heavy Duty 9"x35" Table
- Hardened and Ground Table & Ways
- Centralized "1-SHOT" Lube System



**"1-Shot"
Lube
System**

Specifications

X, Y, Z Axis Travel	21", 12", 15-1/2"
Spindle Quill Travel	5"-R-8
Spindle Speeds(step pulley)	250, 730, 1220, 2000 RPM
Spindle Motor	2 h.p. Single phase
Head Swivel	45° forward & backward 90° Swivel right & left
Ram Travel	18"
Weight (approx.)	1600 lbs

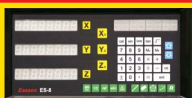
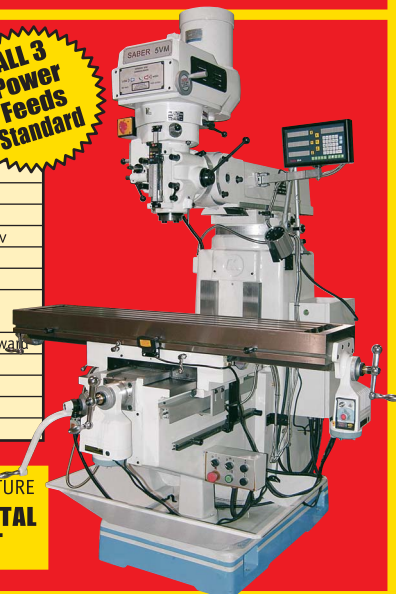


Vertical Turret Mill Model 5VM

Specifications

Table Size	12"x54"
Table T-Slots	3"x5/8"
X, Y, Z Axis Travel	36"/15"/17"
Spindle Quill Travel	5"
Spindle Feed Rate	.0015"/.003"/.006"/Rev
Spindle Taper	ISO #40
Spindle Motor	5 h.p.
Spindle Center to Column Distance	5" - 30"
Head Swivel	45° tilt forward & backward 90° swivel right & left
Ram Travel	20"
Spindle Speed	60-3750 r.p.m.
Weight	3950 lbs

**ALL 3
Power
Feeds
Standard**



STANDARD FEATURE
**3-AXIS DIGITAL
READOUT**

Table Top Mill/Drill - Model ZX40

- Milling, drilling, tapping, boring and reaming
- Heavy-duty tapered roller bearing spindle
- Head swivels or tilts
- Micro feed precision
- Positive spindle lock
- Geared drive
- Low noise

Specifications

Max. Drilling Cap	1-1/4" (steel, iron)
Table Size	28"x8"
Longitudinal Travel	19"
Cross Travel	9"
Spindle Taper	R8
Spindle Stroke	4-3/4"
Spindle Speed(rpm)	90-1970
Max Distance-Spindle to Table	18-1/2"
Spindle Box Swivel Degree	360°
Head Tilt (left-right)	90°
Motor	2 h.p., Single Phase
Weight	750 lbs



Variable-Speed Drill - Model 20VS

- Easy to turn handwheel on variable speed with speed indicator
- Bottom spindle bearing is double row to absorb radial/thrust loads
- All bearing surfaces are precision line-bored
- Big M.T. #4 spindle with 6-1/2" stroke travel
- Head & table swivel 360°
- Head & table adjust up and down
- Heavy-duty cast iron construction

Specifications

Swing	20"
Spindle Nose	M.T. #4
Spindle to Table (max.)	28-1/2"
Spindle to Base (max.)	39"
Spindle Travel	6-1/2"
Column Diameter	4"
Quill Diameter	3"
Work Table	22" x 19-1/2"
Spindle R.P.M.	150 to 2000
Motor	2 h.p. - 3 Phase
Weight	650 lbs

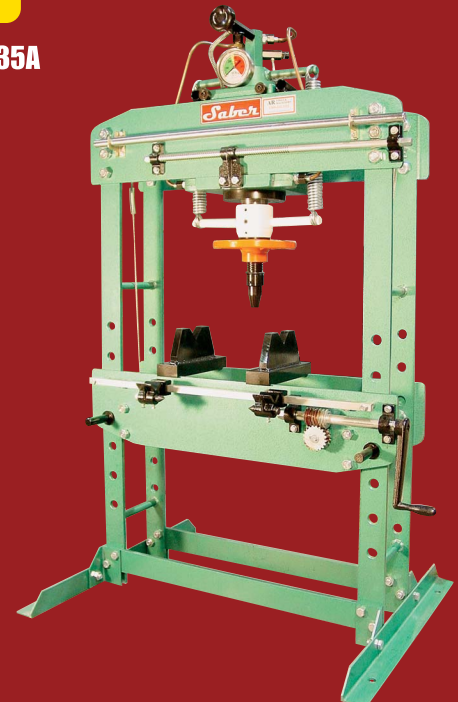


Frame Press

H-Frame Press - Model H-35A

Specifications

Capacity (tons)	35
Ram Diameter	3"
Piston Stroke	4-3/4"
Screw Stroke	4"
Table Size	31"x10"
Lateral Ram Travel	15"
Vertical Table Travel	23"
Floor Space	34"x42"
Height	68"
Weight	705 lbs



SHEET METAL EQUIPMENT

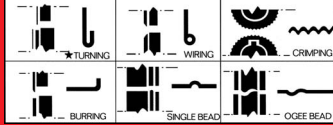
U-22 Bead Roller



Specifications

Capacity (mild steel)	22 ga
Shaft Centers	2"
Throat	7"
Weight	70 lbs

STANDARD EQUIPMENT



Pittsburgh L-20 Lock Forming Machine

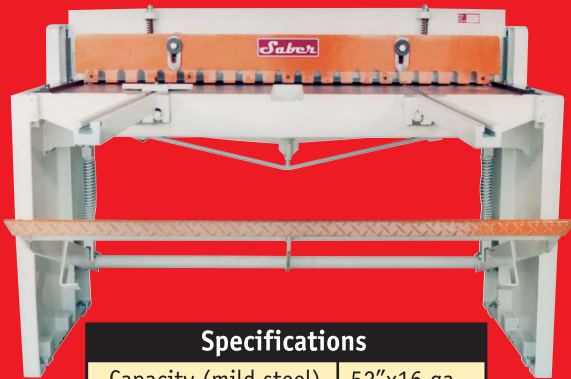
Specifications

Capacity (mild steel)	20-26 gauge
Depth of Pocket	5/16"-3/8"
Speed	25 f.p.m.
Motor	1 h.p. - 110v
Weight (w/stand)	320 lbs

**BEST PRICED
20 GAUGE
PITTSBURGH
ANYWHERE!**



O-5216 Foot Shear



Specifications

Capacity (mild steel)	52"x16 ga
Back Gauge	24"
Front Gauge	24"
Weight	990 lbs

V-1014 Floor Model Leaf Brake



Specifications

Bending Length	121"
Mild Steel	14 gauge
Stainless Steel	18 gauge
Reverse Bend (min.)	5/16"
Beam Adjustment	1"
Dimensions	148"x32"x44"
Weight	3520 lbs

**OTHER SIZES
AVAILABLE ON
REQUEST**

Slip Rolls Model X-3622



Specifications

Diameter of Rolls	2"
Capacity	36"x22 ga
Wire Grooves	3
Gear Ratio	1:1
Weight	286 lbs

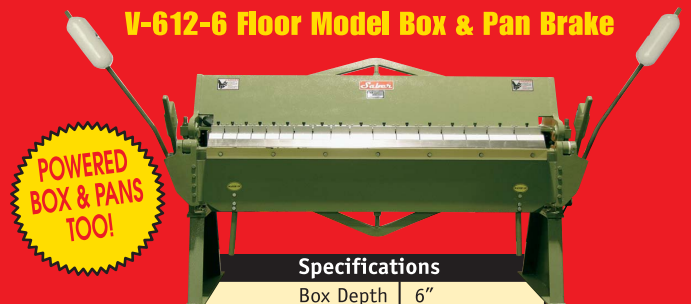
X-5016 Slip Rolls (not shown)

Specifications

Diameter of Rolls	3"
Capacity	50"x16 ga
Wire Grooves	3
Gear Ratio	3:1
Weight	528 lbs

**ALSO AVAILABLE
POWERED
50X16
ROLLS**

V-612-6 Floor Model Box & Pan Brake



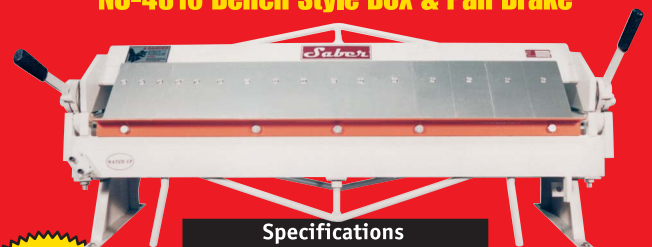
**POWERED
BOX & PANS
TOO!**

Specifications

Box Depth	6"
Bending Length	72"
Mild Steel	12 gauge
Stainless Steel	16 gauge
Reverse Bend (min.)	5/16"
Beam Adjustment	1"
Dimensions	98"x32"x42"
Weight	2750 lbs

**STANDARD
FINGER SIZES
2" - 2 each
3" - 6 each
4" - 3 each
6" - 6 each**

NU-4816 Bench Style Box & Pan Brake



Specifications

Box Depth	4"
Bending Length	48"
Mild Steel	16 gauge
Stainless Steel	22 gauge
Beam Lift	1-3/4"
Beam Adjustment	5/8"
Weight	550 lbs

**OTHER SIZES
AVAILABLE ON
REQUEST**