



Electric  
18F204

Hydraulic  
31XV42



## Plate and Slip Rollers

Machines feed sheet metal or metal plates between their long, cylindrical rollers to form flat workpieces into rolls. They produce slight curves or tight rolls depending on the roller positioning. **Electric Plate Rollers** can roll thinner plates than most hydraulic models, while **Hydraulic Plate Rollers** can roll thicker plates than most electric models. **Manual Slip Rollers** have a hand crank to create curves and form rolls in sheet metal.

Sheet Metal Capacity	Sheet Metal Capacity	Sheet Capacity	Maximum Bending Length	Minimum Bend Radius	Cone Rolling	No. of Rollers	Top Roller Diameter	Bottom Roller Diameter	Brand	Item No.
<b>Electric Plate Rollers</b>										
<b>110V AC, Single-Phase</b>										
—	20 ga	12 ga	50 in	2 1/4 in	Yes	3	3 in	3 in	Baileigh Industrial	31XV94
<b>115/230V AC, Three-Phase</b>										
—	22 ga	14 ga	50 in	2 in	Yes	3	3 in	3 in	Jet	18F204
<b>115/230V AC, Three-Phase</b>										
—	22 ga	14 ga	50 in	2 in	Yes	3	3 in	3 in	Jet	42W899
<b>220V AC, Single-Phase</b>										
—	20 ga	12 ga	50 in	2 1/4 in	Yes	3	3 in	3 in	Baileigh Industrial	31XV93
<b>230/460V AC, Three-Phase</b>										
14 ga	18 ga	12 ga	60 in	5 1/4 in	Yes	3	3 1/2 in	3 1/2 in	Jet	53ZC94
<b>Hydraulic Plate Rollers</b>										
<b>220V AC, Single-Phase</b>										
13 ga	16 ga	10 ga	48 in	5 1/4 in	Yes	3	3 1/2 in	3 1/2 in	Baileigh Industrial	31XV44
<b>220V AC, Three-Phase</b>										
3 ga	12 ga	0.312 in	48 in	8 1/2 in	Yes	3	8 1/2 in	8 1/2 in	Baileigh Industrial	31XV42
3 ga	12 ga	0.312 in	60 in	10 1/2 in	Yes	3	7 in	7 in	Baileigh Industrial	31XV45
9 ga	14 ga	7 ga	48 in	7 1/2 in	Yes	3	4 3/4 in	4 3/4 in	Baileigh Industrial	31XV43
9 ga	14 ga	7 ga	72 in	8 1/2 in	Yes	3	5 1/4 in	5 1/4 in	Baileigh Industrial	31XV48
<b>Manual Slip Rollers</b>										
16 ga	20 ga	12 ga	50 in	2 1/4 in	Yes	3	3 in	3 in	Baileigh Industrial	31XV95
16 ga	20 ga	14 ga	50 in	2 in	No	3	3 in	3 in	Jet	18F208
16 ga	22 ga	12 ga	50 in	1 in	Yes	3	2 in	2 in	Dayton	13W882
16 ga	22 ga	12 ga	50 in	1 1/2 in	Yes	3	3 in	3 in	Dayton	13W883
19 ga	24 ga	15 ga	24 in	3/4 in	Yes	3	1 1/2 in	1 1/2 in	Dayton	13W881



Electric  
31XU32

## Bead Rollers

Machine tools pass sheet metal between two rolling dies to form ridges, steps, and other profile shapes. Bead rollers accept compatible forming dies to change profile shapes and create offsets or flanges. **Electric Bead Rollers** can produce more uniform beading and bead heavier-gauge sheet metal than manual models. **Manual Bead Rollers** have a hand crank to turn their dies and add beads to sheet metal. Models can bead lighter-gauge sheet metal than electric models.

Throat Depth	Sheet Metal Capacity	Sheet Metal Capacity	Sheet Capacity	Adjustable Depth Stop	Includes	Brand	Item No.
<b>Electric Bead Rollers</b>							
24 in	16 ga	20 ga	14 ga	Yes	Adjustable Depth Stop, Roll Holder, Stand	Baileigh Industrial	31XU33
36 in	16 ga	20 ga	14 ga	Yes	Adjustable Depth Stop, Roll Holder, Stand	Baileigh Industrial	31XU32
36 in	16 ga	20 ga	14 ga	Yes	Adjustable Depth Stop, Roll Holder, Stand	Baileigh Industrial	18F321
<b>Manual Bead Rollers</b>							
8 in	18 ga	24 ga	14 ga	Yes	—	Dayton	45J327
18 in	18 ga	22 ga	—	Yes	(6) Roll Sets, Stand	Baileigh Industrial	31XU34



Air-Powered  
18F220



Foot Pedal  
13W878



Hydraulic  
15V784

## Straight Machining Shears

Tools drive their cutting blades through sheet metal to leave a clean, straight-edged cut. They hold the sheets on their table between the blades or dies, which press down to make the cut.

**Air-Powered Machining Shears**—Run cooler and typically have a long life compared to electric and hydraulic shears. Shears cut heavier-gauge sheet metal with less effort than manual models.

**Foot Pedal Machining Shears**—Have a pedal that operators press down to engage the cutting blades. They leave both hands free to position and hold the sheet metal.

**Hydraulic Machining Shears**—Use hydraulic power to operate their cutting blades. They make clean cuts with great force to speed production.

Maximum Cutting Capacity of Flat Mild Steel	Sheet Metal Capacity	Sheet Metal Capacity	Sheet Capacity	Back Gauge Length	Front Gauge Length	Adjustable Depth Stop	Brand	Item No.
<b>Air-Powered Machining Shears</b>								
52 in	16 ga	20 ga	—	24 in	24 in	Yes	Baileigh Industrial	31XV77
—	16 ga	22 ga	—	29 1/2 in	35 1/4 in	—	Jet	18F220
<b>Foot Pedal Machining Shears</b>								
40 in	19 ga	23 ga	15 ga	30 in	37 in	Yes	Dayton	13W872
—	16 ga	20 ga	12 ga	33 in	20 in	Yes	Baileigh Industrial	31XV64
52 in	16 ga	20 ga	14 ga	28 in	22 in	Yes	Jet	48RJ41
—	16 ga	21 ga	18 ga	30 in	37 in	Yes	Dayton	13W878
<b>Hydraulic Machining Shears</b>								
—	0.25 in	12 ga	0.312 in	23 3/4 in	39 3/4 in	No	Baileigh Industrial	31XV72
—	8 ga	12 ga	6 ga	23 3/4 in	39 3/4 in	No	Baileigh Industrial	31XV74
—	10 ga	13 ga	7 ga	24 in	24 in	No	Baileigh Industrial	31XV75
—	10 ga	16 ga	7 ga	23 3/4 in	39 3/4 in	No	Baileigh Industrial	15V784
—	14 ga	18 ga	10 ga	24 in	24 in	No	Baileigh Industrial	31XV76
—	10 ga	13 ga	7 ga	24 in	24 in	No	Baileigh Industrial	31XV78
60 in	14 ga	18 ga	12 ga	24 in	24 in	No	Baileigh Industrial	15V783
—	10 ga	13 ga	8 ga	23 3/4 in	39 3/4 in	No	Baileigh Industrial	31XV82
—	10 ga	13 ga	8 ga	24 in	24 in	No	Baileigh Industrial	31XV81
100 in	10 ga	16 ga	10 ga	24 in	24 in	No	Baileigh Industrial	31XV65
120 in	0.5 in	3 ga	0.625 in	31 1/2 in	39 3/4 in	No	Baileigh Industrial	31XV71
—	10 ga	16 ga	7 ga	24 in	24 in	No	Baileigh Industrial	31XV67



Rotary Blade  
31XV23

Straight Blade  
13W879

## Rotary and Straight Blade Bench Shears

Manual shears use their cutting blades to slice through sheet metal and are worktable mountable. Their throatless design allows long cuts along the edges of materials

**Rotary Blade Bench Shears**—Roll sheet metal between their cutting wheels to make straight, curved, and irregular cuts. Shears are commonly used to make rounded and intricate cuts to shape workpieces.

**Straight Blade Bench Shears**—Make straight cuts by pressing their blades through metal sheets, thin plates, tubes, and bar stock.

Sheet Metal Capacity	Sheet Metal Capacity	Sheet Capacity	Shearing Length	Brand	Item No.
<b>Rotary Blade Bench Shears</b>					
14 ga	—	14 ga	—	Baileigh Industrial	31XV23
<b>Straight Blade Bench Shears</b>					
0.236 in	10 ga	0.331 in	—	Dayton	13W879
6 ga	—	5 ga	5 1/4 in	Baileigh Industrial	45AW46