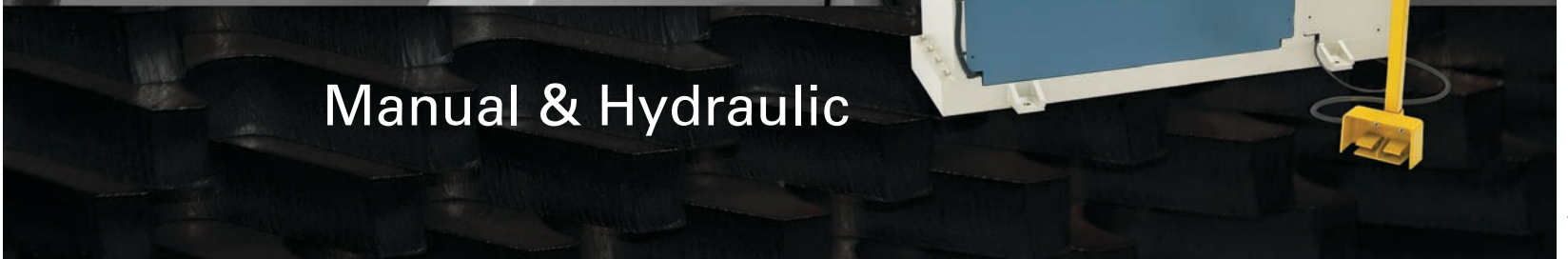




PLATE & SLIP ROLL Machines



Manual & Hydraulic

PLATE and SLIP ROLL MACHINES

Baileigh Industrial has a fantastic bending roll machine line that consists of 19 models to choose from. Baileigh's slip rolls and plate rolls are built to withstand years of rolling at maximum capacity. We pride ourselves at trying to carry most models in stock at all times for quick shipments. These bending rolls come in three categories:

Plate roll

This machine is for heavier gauges of metal plate from 14-gauge up to a maximum capacity of 1/4" mild steel. The plate roll line consists of several single pinch and double pinch versions to choose from. A single pinch plate roller can be had for a smaller investment as it only has three rolls. Double pinch plate rollers have four rolls allowing for pre-bending and post-bending all in one process, which saves a lot of production time. This is especially important when working with thicker and wider metal plate. Both our single pinch and double pinch machines have hydraulic driven rolls with DRO (digital read out) positioning of the back and front roll (if applicable to the model).

Slip Roll

This is a machine that is for lighter gauges of material like sheet metal with a maximum capacity of 16-gauge. Our manual slip rolls are offered from 12 to 50 inches wide with capacities from 22 to 16 gauge mild steel. These machines are ruggedly built to the same standards as our larger electrically driven slip roll machines. Baileigh's powered slip roller is 50 inches wide and can accept a piece of sheet metal at its full width up to 16 gauge mild steel. Like all of our sheet metal roller machines, this model comes standard with wire grooves.

Shear, Brake, and Roll

Our combination shear, brake, and roll comes in 16 and 20 gauge mild steel capacities. There is a 30, 40 and 52 inch wide machine to choose from to fit most sheet metal applications. Each machine is capable of three functions. Sheet metal can be cut to size using the manual shear function. After the material is cut, a box can be made using the press brake feature. The top beam has quick change movable dies to make different projects easily. There is a slip roll function that allows the user to bend sheet metal to varying diameters. A Baileigh 3-in-1 shear, brake and roll is a nice complement to any sheet metal shop for those one-of-a-kind projects or light production. The best part of the machine is that you get three machines in a compact floor plan.

**BAILEIGH MEANS . . .
PRECISION. PERFORMANCE.
PERFECTION.**

Plate Roll



Slip Roll



Shear, Brake, and Roll

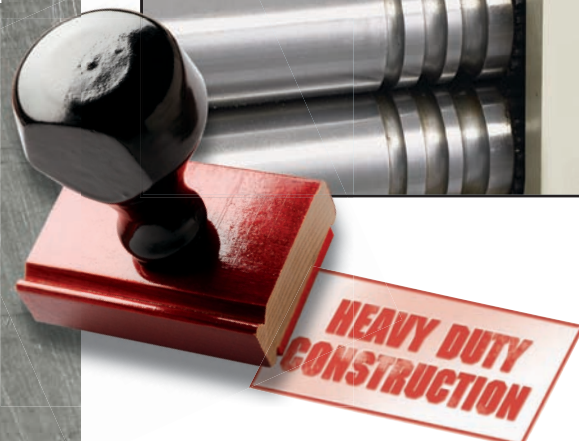
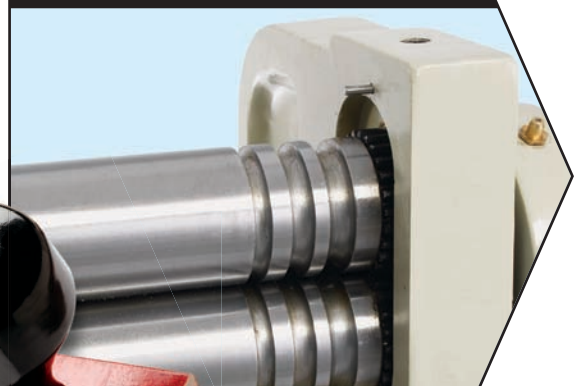


Plate Roll

PR-413

- ◆ 48" Forming Width
- ◆ 13-Gauge Mild Steel Capacity
- ◆ 3 Driven Rolls
- ◆ Single Pinch
- ◆ Hydraulic Back Roll
- ◆ DRO for Back Roll Position
- ◆ 3 Wire Grooves
- ◆ Foot Pedal Operated



SPECIFICATIONS – Model PR-413		
Forming Width	48"	1,219 mm
Capacity (Mild Steel)	13 ga. (.090")	2.3 mm
Upper Roll Dia.	3.50"	89 mm
Minimum Forming Dia.	5.25"	133 mm
Roll Adjustment		
Pinch	Manual	
Back	Electric	
Digital Position Readout	Yes	
Wire Grooves	Yes	
Roll Speed	6 rpm.	
Driven Rolls	2	
Motor	2 hp.	
Power Requirement	220V – 3 ph. — 50/60 hz.	
Shipping Dimensions (L x W x H)	75" x 29" x 46"	1,905 x 736 x 1,168 mm
Shipping Weight	1,254 lbs.	570 kgs.

PR-409

- ◆ 48" Forming Width
- ◆ 9-Gauge Mild Steel Capacity
- ◆ 3 Driven Rolls
- ◆ Single Pinch
- ◆ Hydraulic Back Roll
- ◆ DRO for Back Roll Position
- ◆ Foot Pedal Operated



SPECIFICATIONS – Model PR-409		
Forming Width	48"	1,219 mm
Capacity (Mild Steel)	9 ga. (.150")	3.8 mm
Upper Roll Dia.	4.75"	120.6 mm
Minimum Forming Dia.	7.125"	181 mm
Roll Adjustment		
Pinch	Manual	
Back	Hydraulic	
Digital Position Readout	Yes	
Roll Speed	5.85 rpm.	
Driven Rolls	3	
Motor	2 hp.	
Power Requirement	220V – 3 ph. — 50/60 hz.	
Shipping Dimensions (L x W x H)	81" x 30" x 50"	2,057 x 762 x 1,270 mm
Shipping Weight	3,740 lbs.	1,700 kgs.

PR-510

- ◆ 60" Forming Width
- ◆ 10-Gauge Mild Steel Capacity
- ◆ 3 Driven Rolls
- ◆ Single Pinch
- ◆ Hydraulic Back Roll
- ◆ DRO for Back Roll Position
- ◆ Foot Pedal Operated



SPECIFICATIONS – Model PR-510		
Forming Width	60"	1,524 mm
Capacity (Mild Steel)	10 ga. (.135")	3.4 mm
Upper Roll Dia.	4.75"	120.6 mm
Minimum Forming Dia.	7.125"	181 mm
Roll Adjustment		
Pinch	Manual	
Back	Hydraulic	
Digital Position Readout	Yes	
Roll Speed	5.85 rpm.	
Driven Rolls	3	
Motor	2 hp.	
Power Requirement	220V – 3 ph. — 50/60 hz.	
Shipping Dimensions (L x W x H)	93" x 30" x 50"	2,362 x 762 x 1,270 mm
Shipping Weight	4,290 lbs.	1,950 kgs.

PR-514

- ◆ 60" Forming Width
- ◆ 14-Gauge Mild Steel Capacity
- ◆ 3 Driven Rolls
- ◆ Single Pinch
- ◆ Hydraulic Back Roll
- ◆ DRO for Back Roll Position
- ◆ 3 Wire Grooves
- ◆ Foot Pedal Operated



SPECIFICATIONS – Model PR-514		
Forming Width	60"	1,524 mm
Capacity (Mild Steel)	14 ga. (.075")	2 mm
Upper Roll Dia.	3.50"	89 mm
Minimum Forming Dia.	5.25"	133 mm
Roll Adjustment		
Pinch	Manual	
Back	Electric	
Wire Grooves	Yes	
Roll Speed	6 rpm.	
Driven Rolls	3	
Motor	2 hp.	
Power Requirement	220V – 3 ph. — 50/60 hz.	
Shipping Dimensions (L x W x H)	89" x 29" x 56"	2,261 x 737 x 1,422 mm
Shipping Weight	1,243 lbs.	564 kgs.

PR-613

- ◆ 72" Forming Width
- ◆ 13-Gauge Mild Steel Capacity
- ◆ 3 Driven Rolls
- ◆ Single Pinch

- ◆ Hydraulic Back Roll
- ◆ DRO for Back Roll Position
- ◆ Foot Pedal Operated



SPECIFICATIONS – Model PR-613

Forming Width	72"	1,829 mm
Capacity (Mild Steel)	13 ga. (.090")	2.3 mm
Upper Roll Dia.	4.75"	120.6 mm
Minimum Forming Dia.	7.125"	181 mm
Roll Adjustment Pinch Back	Manual Hydraulic	
Digital Position Readout	Yes	
Roll Speed	5.85 rpm.	
Driven Rolls	3	
Motor	3 hp.	
Power Requirement	220V – 3 ph. — 50/60 hz.	
Shipping Dimensions (L x W x H)	112" x 30" x 50"	2,845 x 762 x 1,270 mm
Shipping Weight	4,950 lbs.	2,250 kgs.

PR-609

- ◆ 72" Forming Width
- ◆ 9-Gauge Mild Steel Capacity
- ◆ 3 Driven Rolls
- ◆ Single Pinch

- ◆ Hydraulic Back Roll
- ◆ DRO for Back Roll Position
- ◆ Foot Pedal Operated



SPECIFICATIONS – Model PR-609

Forming Width	72"	1,829 mm
Capacity (Mild Steel)	9 ga. (.150")	3.8 mm
Upper Roll Dia.	5.91"	150 mm
Minimum Forming Dia.	8.86"	225 mm
Roll Adjustment Pinch Back	Manual Hydraulic	
Digital Position Readout	Yes	
Roll Speed	4.67 rpm.	
Driven Rolls	3	
Motor	3 hp.	
Power Requirement	220V – 3 ph. — 50/60 hz.	
Shipping Dimensions (L x W x H)	114" x 32" x 52"	2,895 x 813 x 1,321 mm
Shipping Weight	5,610 lbs.	2,544 kgs.

PR-403

- ◆ 48" Forming Width
- ◆ 1/4" Mild Steel Capacity
- ◆ 3-Driven Rolls
- ◆ Single Pinch
- ◆ Hydraulic Back Roll
- ◆ DRO for Back Roll Position
- ◆ Foot Pedal Operated



SPECIFICATIONS – Model PR-403		
Forming Width	48"	1,219 mm
Capacity (Mild Steel)	.250"	6.3 mm
Upper Roll Dia.	5.91"	150 mm
Minimum Forming Dia.	8.86"	225 mm
Roll Adjustment Pinch Back	Manual Hydraulic	
Digital Position Readout	Yes	
Roll Speed	4.67 rpm.	
Driven Rolls	3	
Motor	3 hp.	
Power Requirement	220V – 3 ph. — 50/60 hz.	
Shipping Dimensions (L x W x H)	83" x 32" x 52"	2,108 x 813 x 1,321 mm
Shipping Weight	4,180 lbs.	1,900 kgs.

PR-503

- ◆ 61" Forming Width
- ◆ 1/4" Mild Steel Capacity
- ◆ 3-Driven Rolls
- ◆ Single Pinch
- ◆ Hydraulic Back Roll
- ◆ DRO for Back Roll Position
- ◆ Foot Pedal Operated



SPECIFICATIONS – Model PR-503		
Forming Width	61"	1,549 mm
Capacity (Mild Steel)	.250"	6.3 mm
Upper Roll Dia.	7"	178 mm
Minimum Forming Dia.	10.500"	267 mm
Roll Adjustment Pinch Back	Manual Hydraulic	
Digital Position Readout	Yes	
Roll Speed	5 rpm.	
Driven Rolls	3	
Motor	5 hp.	
Power Requirement	220V – 3 ph. — 50/60 hz.	
Shipping Dimensions (L x W x H)	98" x 36" x 56"	2,489 x 914 x 1,422 mm
Shipping Weight	6,380 lbs.	2,900 kgs.

PR-603-4

- ◆ 72" Forming Width
- ◆ 1/4" Mild Steel Capacity
- ◆ 1-Driven Roll
- ◆ Double Pinch
- ◆ DRO for Roll positions
- ◆ Push Button Coning
- ◆ All Rolls Hydraulically Driven
- ◆ Operated Via Remote Console



SPECIFICATIONS – Model PR-603-4		
Forming Width	72"	1,829 mm
Capacity (Mild Steel)	.250"	6.3 mm
Upper Roll Dia.	7.5"	190 mm
Side Roll Dia.	5.90"	150 mm
Minimum Forming Dia.	11.25"	286 mm
Roll Adjustment Pinch Back	Hydraulic Hydraulic	
Digital Position Readout	Yes	
Roll Speed	1.5 – 6 rpm.	
Driven Rolls	1	
Motor	7 hp.	
Power Requirement	220V – 3 ph. — 50/60 hz.	
Shipping Dimensions (L x W x H)	138" x 43" x 51"	3,505 x 1,092 x 1,295 mm
Shipping Weight	7,700 lbs.	3,493 kgs.

PR-1003-4

- ◆ 120" Forming Width
- ◆ 1/4" Mild Steel Capacity
- ◆ 1-Driven Roll
- ◆ Double Pinch
- ◆ DRO for Roll positions
- ◆ Push Button Coning
- ◆ All Rolls Hydraulically Driven
- ◆ Operated Via Remote Console



SPECIFICATIONS – Model PR-1003-4		
Forming Width	120"	3,048 mm
Capacity (Mild Steel)	.250"	6.3 mm
Upper Roll Dia.	10.25"	260 mm
Side Roll Dia.	7.09"	180 mm
Minimum Forming Dia.	15.375"	390 mm
Roll Adjustment Pinch Back	Hydraulic Hydraulic	
Digital Position Readout	Yes	
Roll Speed	1.5 – 6 rpm.	
Driven Rolls	1	
Motor	7.5 hp.	
Power Requirement	220V – 3 ph. — 50/60 hz.	
Shipping Dimensions (L x W x H)	197" x 63" x 67"	5,004 x 1,600 x 1,702 mm
Shipping Weight	15,840 lbs.	7,185 kgs.

Slip Roll

SR-1220M

- ◆ 12" Forming Width
- ◆ 20-Gauge Mild Steel Capacity
- ◆ Manually Powered
- ◆ 5 Wire Grooves



SPECIFICATIONS – Model SR-1220M

Forming Width	12"	305 mm
Capacity (Mild Steel)	20 ga. (.036")	1 mm
Upper Roll Dia.	1.25"	32 mm
Minimum Forming Dia.	1.875"	48 mm
Wire Grooves	Yes	
Gear Ratio	1:1	
Power Requirement	Manual	
Shipping Dimensions (L x W x H)	19" x 9" x 7.5"	482 x 228 x 190 mm
Shipping Weight	32 lbs.	14.5 kgs.

SR-2420M

- ◆ 24" Forming Width
- ◆ 20-Gauge Mild Steel Capacity
- ◆ Manually Powered
- ◆ 3 Wire Grooves



SPECIFICATIONS – Model SR-2420M

Forming Width	24"	610 mm
Capacity (Mild Steel)	20 ga. (.036")	1 mm
Upper Roll Dia.	2"	50.8 mm
Minimum Forming Dia.	3"	76.2 mm
Wire Grooves	Yes	
Gear Ratio	1:1	
Power Requirement	Manual	
Shipping Dimensions (L x W x H)	44" x 15" x 21"	1,118 x 381 x 533 mm
Shipping Weight	220 lbs.	100 kgs.

SR-3622M

- ◆ 36" Forming Width
- ◆ 22-Gauge Mild Steel Capacity
- ◆ Manually Powered
- ◆ 3 Wire Grooves



SPECIFICATIONS – Model SR-3622M

Forming Width	36"	914 mm
Capacity (Mild Steel)	22 ga. (.030")	.76 mm
Upper Roll Dia.	2"	50.8 mm
Minimum Forming Dia.	3"	76.2 mm
Wire Grooves	Yes	
Gear Ratio	1:1	
Power Requirement	Manual	
Shipping Dimensions (L x W x H)	55" x 15" x 21"	1,397 x 381 x 533 mm
Shipping Weight	286 lbs.	130 kgs.

SR-5016M

- ◆ 50" Forming Width
- ◆ 16-Gauge Mild Steel Capacity
- ◆ Manually Powered
- ◆ 3 Wire Grooves
- ◆ Optional Floor Stand



SPECIFICATIONS – Model SR-5016M

Forming Width	50"	1,270 mm
Capacity (Mild Steel)	16 ga. (.060")	1.5 mm
Upper Roll Dia.	3"	76.2 mm
Minimum Forming Dia.	4.5"	114 mm
Wire Grooves	Yes	
Gear Ratio	3:1	
Stand	Optional	
Power Requirement	Manual	
Shipping Dimensions (L x W x H)	65" x 16" x 20"	1,651 x 406 x 508 mm
Shipping Weight	528 lbs.	239 kgs.

SR-5016

- ◆ 50" Forming Width
- ◆ 16-Gauge Mild Steel Capacity
- ◆ Electric Powered
- ◆ 3 Wire Grooves
- ◆ Foot pedal Operated
- ◆ Integrated Emergency Stop



SPECIFICATIONS – Model SR-5016

Forming Width	50"	1,270 mm
Capacity (Mild Steel)	16 ga. (.060")	1.5 mm
Upper Roll Dia.	3"	76.2 mm
Minimum Forming Dia.	4.5"	114 mm
Wire Grooves	Yes	
Roll Speed	16 rpm.	
Stand	Yes	
Motor	1 hp.	
Power Requirement	220V – 1 ph. — 50/60 hz.	
Shipping Dimensions (L x W x H)	67" x 26" x 46"	1,702 x 660 x 1,168 mm
Shipping Weight	770 lbs.	350 kgs.

Shear, Brake, & Roll

SBR-3020

- ◆ Combination Shear, Sheet Metal Brake, and Slip Roll
- ◆ 30" Forming Width
- ◆ 20-Gauge Mild Steel Capacity
- ◆ Manually Operated
- ◆ Segmented Fingers on Brake
- ◆ 3 Wire Grooves
- ◆ Bench Mounted



SPECIFICATIONS – Model SBR-3020		
Bed Width	30"	762 mm
Shear Capacity	20 ga. (.036")	1 mm
Bending Capacity	20 ga. (.036")	1 mm
Rolling Capacity	20 ga. (.036")	1 mm
Maximum Bend Angle	90 deg.	
Minimum Rolling Dia.	1.54"	39 mm
Power Requirement	Manual	
Shipping Dimensions (L x W x H)	38" x 18" x 27"	965 x 457 x 686 mm
Shipping Weight	363 lbs.	165 kgs.

SBR-4020

- ◆ Combination Shear, Sheet Metal Brake, and Slip Roll
- ◆ 40" Forming Width
- ◆ 20-Gauge Mild Steel Capacity
- ◆ Manually Operated
- ◆ Segmented Fingers on Brake
- ◆ 3 Wire Grooves
- ◆ Bench Mounted



SPECIFICATIONS – Model SBR-4020		
Bed Width	40"	1,016 mm
Shear Capacity	20 ga. (.036")	1 mm
Bending Capacity	20 ga. (.036")	1 mm
Rolling Capacity	20 ga. (.036")	1 mm
Maximum Bend Angle	90 deg.	
Minimum Rolling Dia.	1.70"	43 mm
Power Requirement	Manual	
Shipping Dimensions (L x W x H)	53" x 18" x 27"	1,346 x 457 x 686 mm
Shipping Weight	467 lbs.	212 kgs.

SBR-5220

- ◆ Combination Shear, Sheet Metal Brake, and Slip Roll
- ◆ 52" Forming Width
- ◆ 20-Gauge Mild Steel Capacity
- ◆ Manually Operated
- ◆ Segmented Fingers on Brake
- ◆ 3 Wire Grooves
- ◆ Bench Mounted



SPECIFICATIONS – Model SBR-5220

Bed Width	52"	1,321 mm
Shear Capacity	20 ga. (.036")	1 mm
Bending Capacity	20 ga. (.036")	1 mm
Rolling Capacity	20 ga. (.036")	1 mm
Maximum Bend Angle	90 deg.	
Minimum Rolling Dia.	1.70"	43 mm
Power Requirement	Manual	
Shipping Dimensions (L x W x H)	67" x 23" x 30"	1,702 x 584 x 762 mm
Shipping Weight	830 lbs.	376 kgs.

SBR-5216

- ◆ Combination Shear, Sheet Metal Brake, and Slip Roll
- ◆ 52" Forming Width
- ◆ 16-Gauge Mild Steel Capacity
- ◆ Manually Operated
- ◆ Segmented Fingers on Brake
- ◆ 3 Wire Grooves
- ◆ Bench Mounted



SPECIFICATIONS – Model SBR-5216

Bed Width	52"	1,321 mm
Shear Capacity	16 ga. (.060")	1.5 mm
Bending Capacity	16 ga. (.060")	1.5 mm
Rolling Capacity	16 ga. (.060")	1.5 mm
Maximum Bend Angle	90 deg.	
Minimum Rolling Dia.	1.70"	43 mm
Power Requirement	Manual	
Shipping Dimensions (L x W x H)	67" x 30" x 46"	1,702 x 762 x 1,168 mm
Shipping Weight	1,200 lbs.	544 kgs.