

Slip Rolls

- Model SR24
- Model SR36
- Model SR42

- Model SR48
- Model SR48P



Model SR36 – Shown with optional stand.



Model SR48 – Shown with optional stand.



Model SR48P

TENNSMITH'S initial pinch slip roll, Model SR48, is a heavy-duty, affordable, production tool for forming curved parts and tubes in 16-gauge and lighter sheet metal. The SR48 roll has three gear-driven rolls that ensure even starting and feeding of capacity materials. The gearing features a 4:1 reduction ratio for ease of operation of heavy materials. All gears are fully enclosed for safety and protection from the elements. TENNSMITH'S SR48P powered slip roll combines all the features of our SR48 initial pinch roll with the productive advantage of electric-powered drive for production forming of curved parts and tubes made of 16-gauge and lighter sheet metal.

Tennsmith's slip rolls combine precision-turned, ground and polished, high carbon steel rolls with heavy-duty, cast iron end frames, and welded steel base to make an accurate and durable forming tool.

Convenient operating features include large roll adjusting screws, scales for speeding repeat set-up, and a front-mounted handle to lift the upper roll for material removal. Wire grooves are standard.



Providing Solutions.

SPECIFICATIONS

Slip Rolls	Model SR24	Model SR36	Model SR42
Capacity, mild steel	20 gauge 1.0 mm	22 gauge 0.75 mm	24 gauge 0.6 mm
Maximum forming length	24 in. 610 mm	36 in. 914 mm	42 in. 1067 mm
Diameter of rolls	2 in. 51 mm	2 in. 51 mm	2 in. 51 mm
Minimum forming radius	1 in. 25 mm	1 in. 25 mm	1 in. 25 mm
Wire grooves	3/16, 1/4, 5/16 in. 5, 6.5, 8 mm	3/16, 1/4, 5/16 in. 5, 6.5, 8 mm	3/16, 1/4, 5/16 in. 5, 6.5, 8 mm
Gearing ratio	n/a	n/a	n/a
Shipping weight	190 lbs. 86 kg	250 lbs. 113 kg	270 lbs. 122 kg
Export crate	8.4 cu. ft. 0.24 cu. m	10.7 cu. ft. 0.31 cu. m	12 cu. ft. 0.34 cu. m
Optional stand, shipping weight	94 lbs. 43 kg	120 lbs. 54 kg	130 lbs. 59 kg
Export crate	13.3 cu. ft. 0.38 cu. m	17.8 cu. ft. 0.51 cu. m	20 cu. ft. 0.57 cu. m

Available option: heavy-duty fabricated floor stand.

Drive power for the SR48P is supplied by a heavy-duty, industrial quality gear reduction motor and roller chain directly to the gear train. The roll drive is controlled by a toggle-action, shrouded foot pedal for instant forward and reverse action. The drive motor is equipped with an electro-magnetic brake to prevent roll creep and over-forming. Electrical and operator safety features include a full-length, front and back wire cable safety mechanism which instantly stops the rolls when tripped, two magnetic motor starters, fully enclosed electrical box with pilot light, insulated reinforced conduit for all wiring and fully enclosed drive train. The rolls and gears are mounted in hardened bronze bushings for long life and precision operation. TENNSMITH'S Model SR48P is the best value of any four-foot, 16-gauge powered roll on the market.

SPECIFICATIONS

Slip Rolls	Model SR48	Model SR48P
Capacity, mild steel	16 gauge 1.6 mm	16 gauge 1.6 mm
Maximum forming length	49 in. 1244 mm	49 in. 1244 mm
Diameter of rolls	3 in. 76 mm	3 in. 76 mm
Minimum forming radius	1-1/2 in. 38 mm	1-1/2 in. 38 mm
Wire grooves	3/8, 1/2, 5/8 in. 9.5, 12.7, 15.8 mm	3/8, 1/2, 5/8 in. 9.5, 12.7, 15.8 mm
Gearing ratio	4 : 1	4 : 1
Roll speed	n/a	22 RPM 17.28 sfpm
Motor—230/460v, 3-phase, 60Hz	n/a	3/4 hp
Dimensions LxWxH	n/a	77 x 29 x 50 in. 1956 x 737 x 1270 mm
Shipping weight	775 lbs. 351.5 kg	1100 lbs. 499 kg
Export crate	33.4 cu. ft. 0.95 cu. m	125.5 cu. ft. 3.56 cu. m
Optional stand, shipping weight	270 lbs. 122.5 kg	n/a
Export crate	37.9 cu. ft. 1.08 cu. m	n/a