

AMERICOR

AUTO-ROLL



**PNEUMATIC
4-ROLL**

QUICK ROLLING MACHINE

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LIGHT GAUGE PNEUMATIC 4-ROLL QUICK ROLLING MACHINE



The Americor **AUTO-ROLL** series bending roll is a 4-roll pneumatically operated machine that is designed for production rolling of cylinders in an efficient yet economically priced machine.

Set-up and operation of the machine is simple, requiring adjustment of the stroke of the dual-shafted cylinder for the roll positions, and adjustment of electronic timers for the cycle duration. The operator places the material on the front support so that the edge of the material is centered between the top and bottom rolls. Two palm buttons are pushed simultaneously (a unique safety feature) which actuates the rolling cycle. When the cylinder is completed, the pinch roll releases, the drop end opens and the cycle is complete.

Features include:

Sturdy steel frame with machined side plates, hardened and polished rolls for durability and mar-free rolling; roller bearings in roll journals; pneumatic dual-shaft cylinder for positioning the bending rolls; pneumatic drop end that releases automatically after cycle for finished part removal; high quality Siemens motor and gear reducer for the drive; linear transducers for accurate positioning with electronic digital readouts; adjustable upper arm to support the material and prevent the sheet from overlapping during the rolling process, required when rolling full cylinders; front support arms for material support and proper positioning.

Safety features include:

dual palm button activation, emergency stop trip wire at front and rear of the machine, main disconnect with lock-out.

Available in 2', 4', and 5' lengths with 16 ga. (1/16" or 1.5 mm) capacity.



Control panel with electronic digital readouts for indicating bending roll position.



Pneumatically controlled drop-end for removal of finished cylinder.



Manual adjustment for the bending roll position.

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