

PLATE BENDING ROLLS

THREE ROLL SINGLE-PINCH
FOUR ROLL DOUBLE-PINCH

LEMAS



Model LEMAS TR 200/8

3-Roll Single-Pinch

Trilogy Machinery, Inc. is committed to bringing the highest standards of professionalism, integrity and service in order to achieve a reputation as a leader in the metal fabricating machinery industry. We believe this dedication will benefit everyone— our customers and dealers, our team members and our suppliers.

410-272-3600 | 888-988-ROLL

www.TRILOGYMACHINERY.com



Standard Features on all LEMAS Plate Rolls

- **Direct-Drive Design - D³ Technology**
- Spherical roller bearings on all rolls
- Hydraulically powered bending rolls
- Cone bending attachment
- Hydraulically operated drop-end for quick removal of rolled product
- Upper and lower pinch rolls driven
- All rolls heat treated to 50 Rc
- Sumitomo Cyclo® 6000 gear-less speed reducer
- Manual tilt of the lower pinch roll
- Emergency stop cable
- Hydraulic oil, tools and technical manual
- 1 Year Parts and Labor Warranty

4 Roll Models

- Control panel on wheels
- Digital readouts for position of both side bending rolls
- Power tilt of side bending rolls for cone rolling
- Independent pressure adjustment for lower pinch roll

3 Roll Models

- Digital readout for position of bending roll
- Round bar grooves (except 80mm models)
- Pinch gap control
- Dual rotation control hand-held and console mounted
- Power tilt of rear bending roll for cone rolling



Sumitomo Cyclo® gear-less speed reducers, featured on all **LEMAS** plate rolls, use a unique epicycloidal design superior to conventional speed reducers using common tooth gears. Cyclo has two-thirds of its reduction components in contact at all times. This design enables the Cyclo to provide exceptional performance, reliability and long life.

Optional Overhead Support



Cone-Bending Attachment

Hardened and Ground Rolls

Hydraulic Drop-End



4-TR 120/5

Control Panel on Wheels
Dual Digital Readouts

Model LEMAS 4-TR 120/5
4-Roll Double-Pinch



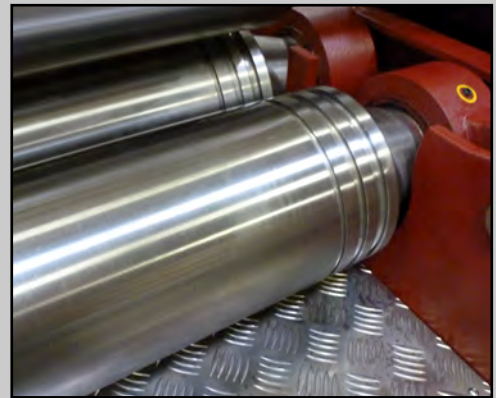
Direct-Drive Design

Pinch Pressure Adjustment

- Optional Features on LEMAS Rolls:**
- PLC Control
 - Variable Speed Drive
 - Overhead Support
 - Squaring Arm



Cone-Bending Attachment



Round Bar Grooves



Pinch Gap Control



Hand-Held Rotation Control

3-Roll Models Standard Features

LEMAS Models and Capacities

	Model	Capacity*	Top Roll Diameter	Motors		Weight/lbs
				Drive	Hydraulic	
4' Rolls	TR 80/3	3' x 13 Ga.	3.15"	2 HP	1/2 HP	1720
	TR 80/4	4' x 14 ga.	3.15"	2 HP	1/2 HP	2100
	4-TR 80/4	4' x 14 ga.	3.15"	2 HP	1/2 HP	2800
	TR 100/4	4' x 11 ga.	3.93"	2 HP	1/2 HP	2200
	4-TR 100/4	4' x 11 ga.	3.93"	2 HP	1/2 HP	3200
	TR 120/4	4' x 10 ga.	4.72"	2 HP	1 HP	2820
	4-TR 120/4	4' x 10 ga.	4.72"	2 HP	1 HP	3550
	TR 160/4	4' x 1/4"	6.30"	5 HP	1 HP	3880
	4-TR 160/4	4' x 1/4"	6.30"	5 HP	1 HP	5700
	TR 180/4	4' x 3/8"	7.10"	5 HP	2 HP	4600
	4-TR 180/4	4' x 3/8"	7.10"	5 HP	2 HP	6300
TR 200/4	4' x 9/16"	7.87"	5 HP	2 HP	6500	
4-TR 200/4	4' x 9/16"	7.87"	5 HP	2 HP	8600	
5' Rolls	TR 80/5	5' x 16 ga.	3.15"	2 HP	1/2 HP	2025
	4-TR 80/5	5' x 16 ga.	3.15"	2 HP	1/2 HP	2900
	TR 100/5	5' x 12 ga.	3.93"	2 HP	1/2 HP	2325
	4-TR 100/5	5' x 12 ga.	3.93"	2 HP	1/2 HP	3450
	TR 120/5	5' x 10 ga.	4.72"	2 HP	1 HP	3200
	4-TR 120/5	5' x 10 ga.	4.72"	2 HP	1 HP	4600
	TR 160/5	5' x 1/4"	6.30"	5 HP	1 HP	4250
	4-TR 160/5	5' x 1/4"	6.30"	5 HP	1 HP	6200
	TR 180/5	5' x 5/16"	7.10"	5 HP	2 HP	5100
	4-TR 180/5	5' x 5/16"	7.10"	5 HP	2 HP	7600
	TR 200/5	5' X 1/2"	7.87"	5 HP	3 HP	7100
4-TR 200/5	5' X 1/2"	7.87"	5 HP	3 HP	9450	
6' Rolls	TR 120/6	6' x 11 ga.	4.72"	2 HP	1 HP	3800
	4-TR 120/6	6' x 11 ga.	4.72"	2 HP	1 HP	5500
	TR 160/6	6' x 3/16"	6.30"	5 HP	1 HP	4800
	4-TR 160/6	6' x 3/16"	6.30"	5 HP	1 HP	7450
	TR 180/6	6' x 1/4"	7.10"	5 HP	2 HP	5900
	4-TR 180/6	6' x 1/4"	7.10"	5 HP	2 HP	8650
	TR 200/6	6' x 3/8"	7.87"	5 HP	3 HP	8000
4-TR 200/6	6' x 3/8"	7.87"	5 HP	3 HP	10250	
8' Rolls	TR 160/8	8' x 10 ga.	6.30"	5 HP	1 HP	5425
	4-TR 160/8	8' x 10 ga.	6.30"	5 HP	1 HP	7600
	TR 180/8	8' x 3/16"	7.10"	5 HP	2 HP	6575
	4-TR 180/8	8' x 3/16"	7.10"	5 HP	2 HP	9000
	TR 200/8	8' x 5/16"	7.87"	5 HP	3 HP	9000
	4-TR 200/8	8' x 5/16"	7.87"	5 HP	3 HP	11800
10' Rolls	TR 180/10	10' x 10 ga.	7.10"	5 HP	2 HP	7700
	4-TR 180/10	10' x 10 ga.	7.10"	5 HP	2 HP	9700
	TR 200/10	10' x 1/4"	7.87"	5 HP	3 HP	10100
	4-TR 200/10	10' x 1/4"	7.87"	5 HP	3 HP	13400

Capacities in Mild Steel. Trilogy Machinery reserves the right to make changes in construction, design and specifications.

LEMAS has been distributing metal fabricating machinery in the United States for over 20 years including hundreds of plate bending rolls delivered since 2001.

LEMAS specializes in sheet metal fabricating equipment including hydraulic plate bending rolls delivering thousands of machines to satisfied customers around the world. Over 55 years of continuous operations have provided valuable experience and a solid foundation in the competitive global market. Innovation, quality, value and service are what **LEMAS** products represent around the world.



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