

LEMAS®

The Best Light Duty Rolling Solution



Hydraulic Initial-Pinch Plate Rolls

The Reasons You Must Buy It ...

- Best sale of year in U.S.
- Lowest investment.
- 3-Roll and 4-Roll for choice.
- High machine performance.
- Low maintenance costs.

All Features Come Up With

The Hydraulic Initial-Pinch Plate Rolls is designed for job-shop fabricator. It is simple to operate while producing high quality results. The machine is using high quality steel welded to a structural steel frame for rigidity. All rolls are hardened at least to 50 Rc to reduce scratching and pitting and are journalled in high-quality roller bearings to provide longer life. The top and lower rolls are driven by a high efficiency motor with built-in braking for getting high performance and result. The hydraulic system and cylinders provide the power to adjust the lower (pinch) and rear (bending) rolls as well as the drop end for easy removal of the finished cylinder. Controls on this machine is conveniently located and easy to use via the integrated console with all pushbuttons for all functions and a standard LED readout provides fast and easy positioning of the rear bending roll for repetitive work. A unique design on this machine is "Pinch Gauging Device" for added efficiency and to eliminate the guesswork of pinching pressure. This helps insure excellent repeatability. The optional device on this machine is a set of hardened cone bending device for cone bending job. The other is cable type emergency stop device for more safety requested.

STANDARD EQUIPMENTS



Hydraulic Drop End

Convenient design for easy removal of finished cylinder.



Pinch Gauge Device

Unique design by inserting a small piece of material of the thickness to be rolled into it.



Control panel

Integrated operations panel with dual rotation controls and standard digital readout.



Foot switch

Foot switch on trailing lead for forward and reverse roll rotation.

OPTIONAL EQUIPMENTS



Cone Bending Attachment

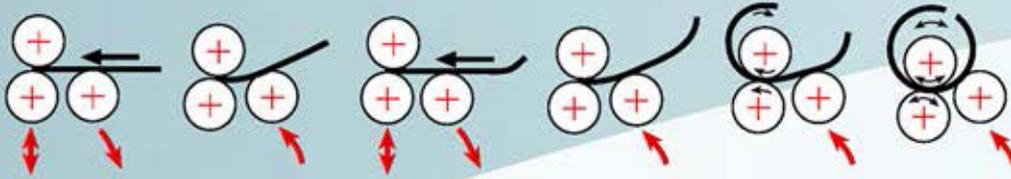
Rear bending roll and lower pinch roll are tiltable to facilitate cone rolling with cone bending attachment.



Cable Type Emergency Stop Device

A trip wire surrounds the machine and pull to shut down in anytime.

3-Roll Initial-Pinch Type

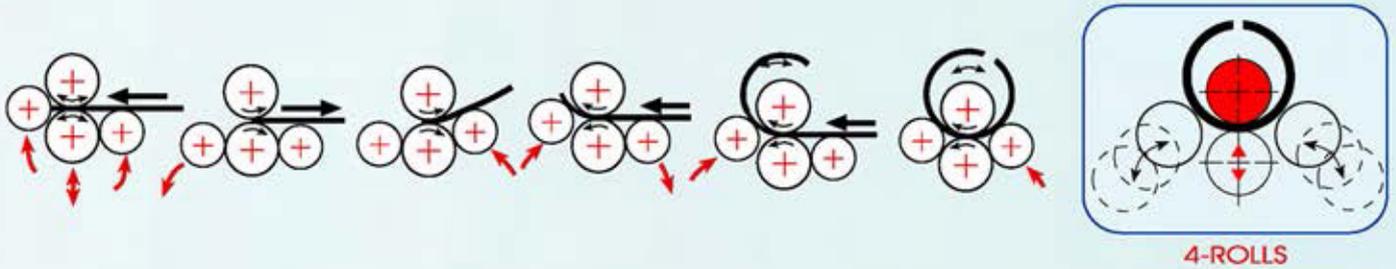


3-ROLLS

MODEL	Capacity (mm)	ROLL DIAMETER	MOTOR HP		WEIGHT (KG)	Length x Width x Height (mm)
			DRIVE	HYD		
LHF-303E	3 x 970 mm	80 mm	2	0.5	870	2460 x 1090 x 1170
LHF-402E	2 x 1270 mm	80 mm	2	0.5	960	2760 x 1090 x 1170
LHF-403E	3 x 1270 mm	100 mm	2	0.5	1150	2850 x 1090 x 1170
LHF-404E	4 x 1270 mm	120 mm	2	1	1450	3050 x 1100 x 1350
LHF-407E	7 x 1270 mm	160 mm	3	1	1950	3200 x 1200 x 1450
LHF-409E	9 x 1270 mm	180 mm	5	2	2300	3300 x 1300 x 1500
LHF-414E	14 x 1270 mm	200 mm	5	3	3150	3400 x 1300 x 1500
LHF-501E	1.5 x 1550 mm	80 mm	2	0.5	1080	3060 x 1090 x 1170
LHF-502E	2 x 1550 mm	100 mm	2	0.5	1250	3060 x 1090 x 1170
LHF-503E	3 x 1550 mm	120 mm	2	1	1650	3350 x 1100 x 1350
LHF-506E	6 x 1550 mm	160 mm	3	1	2200	3500 x 1200 x 1450
LHF-508E	8 x 1550 mm	180 mm	5	2	2600	3600 x 1300 x 1500
LHF-512E	12 x 1550 mm	200 mm	5	3	3500	3700 x 1300 x 1500
LHF-512S/H	12 x 1550 mm	200 mm	7.5		3700	3700 x 1300 x 1500
LHF-516S/H	16 x 1550 mm	240 mm	7.5		4000	3700 x 1400 x 1500
LHF-602E	2 x 1850 mm	120 mm	2	1	1900	4000 x 1150 x 1400
LHF-605E	4.5 x 1850 mm	160 mm	3	1	2500	4000 x 1200 x 1400
LHF-607E	7 x 1850 mm	180 mm	5	2	2900	4000 x 1300 x 1400
LHF-610E	10 x 1850 mm	200 mm	5	3	3950	4100 x 1300 x 1500
LHF-610S/H	10 x 1850 mm	200 mm	7.5		4200	4100 x 1300 x 1500
LHF-614S/H	14 x 1850 mm	240 mm	10		4500	4100 x 1400 x 1500
LHF-803E	3 x 2450 mm	160 mm	3	1	2850	4600 x 1200 x 1400
LHF-805E	5 x 2450 mm	180 mm	5	2	3400	4600 x 1300 x 1400
LHF-808E	8 x 2450 mm	200 mm	5	3	4500	4700 x 1300 x 1500
LHF-808S/H	8 x 2450 mm	200 mm	10		4800	4700 x 1300 x 1500
LHF-812S/H	12 x 2450 mm	240 mm	15		5200	4800 x 1400 x 1500
LHF-1004E	4 x 3050 mm	180 mm	5	2	3800	5250 x 1300 x 1400
LHF-1006E	6 x 3050 mm	200 mm	5	3	5000	5250 x 1400 x 1500
LHF-1006S/H	6 x 3050 mm	200 mm	10		5300	5250 x 1400 x 1500
LHF-1008S/H	8 x 3050 mm	240 mm	15		5900	5400 x 1500 x 1500

E series: rolls are driven by AC brake motor. S/H series: rolls are driven by hydraulic motor.

4-Roll Double Pinch Type



MODEL	Capacity (mm)	ROLL DIAMETER	MOTOR HP		WEIGHT (KG)	Length x Width x Height (mm)
			DRIVE	HYD		
LHF-4402E	2 x 1270 mm	80 mm	2	0.5	1250	2760 x 1240 x 1270
LHF-4403E	3 x 1270 mm	100 mm	2	0.5	1500	2850 x 1240 x 1270
LHF-4404E	4 x 1270 mm	120 mm	2	1	1900	3050 x 1250 x 1450
LHF-4407E	7 x 1270 mm	160 mm	5	1	2540	3200 x 1350 x 1550
LHF-4409E	9 x 1270 mm	180 mm	5	2	3000	3300 x 1450 x 1600
LHF-4414E	14 x 1270 mm	200 mm	5	3	4100	3400 x 1450 x 1600
LHF-5401E	1.5 x 1550 mm	80 mm	2	0.5	1400	3060 x 1240 x 1270
LHF-5402E	2 x 1550 mm	100 mm	2	0.5	1630	3060 x 1240 x 1270
LHF-5403E	3 x 1550 mm	120 mm	2	1	2150	3350 x 1250 x 1450
LHF-5406E	6 x 1550 mm	160 mm	5	1	2200	3500 x 1350 x 1550
LHF-5408E	8 x 1550 mm	180 mm	5	2	2900	3600 x 1450 x 1600
LHF-5412E	12 x 1550 mm	200 mm	5	3	4550	3700 x 1450 x 1600
LHF-6402E	2 x 1850 mm	120 mm	2	1	2470	4000 x 1300 x 1500
LHF-6405E	4.5 x 1850 mm	160 mm	5	1	3250	4000 x 1350 x 1500
LHF-6407E	7 x 1850 mm	180 mm	5	2	3800	4000 x 1450 x 1500
LHF-6410E	10 x 1850 mm	200 mm	5	3	5150	4100 x 1450 x 1600
LHF-8403E	3 x 2450 mm	160 mm	5	1	3700	4600 x 1350 x 1500
LHF-8405E	5 x 2450 mm	180 mm	5	2	4420	4600 x 1450 x 1500
LHF-8408E	8 x 2450 mm	200 mm	5	3	4850	4700 x 1450 x 1600
LHF-10404E	4 x 3050 mm	180 mm	5	2	4950	5250 x 1450 x 1500
LHF-10406E	6 x 3050 mm	200 mm	5	3	6500	5250 x 1550 x 1600

We reserve the right to modify the specifications relating to any of the above listed machines without notice.

