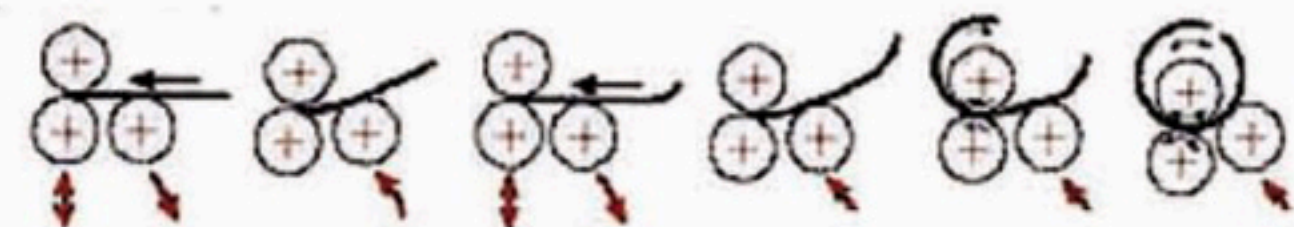


# MASTEEL MANUAL AND CNC PLATE ROLLS

## LHF/E and LHF/SH 3 Roll Initial-Pinch Plate Bending Rolls

### ■ Bending capacity

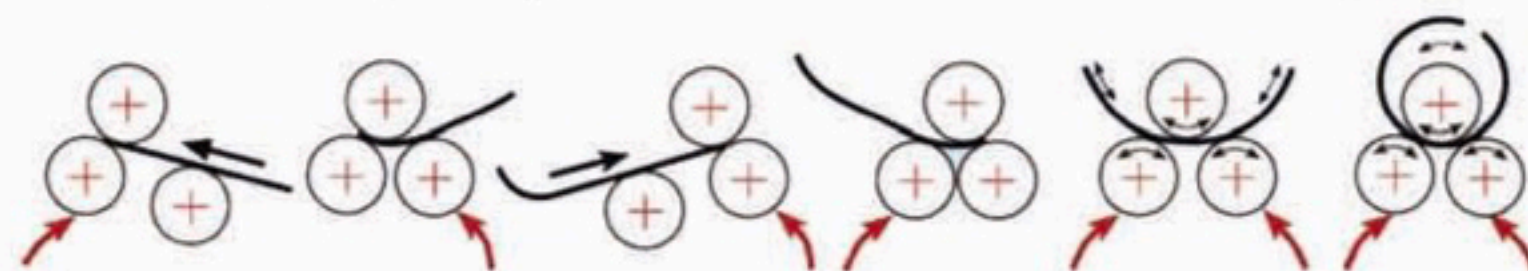
- ▶ LHF/E (electric drive): 10Ga. -1/4" thickness , 3' -10' length
- ▶ LHF/SH (hydraulic drive): 1/4" -5/8" thickness , 5' -10' length



## LHF/H Hydraulic Double-Pinch 3 and 4 Roll Plate Rolls

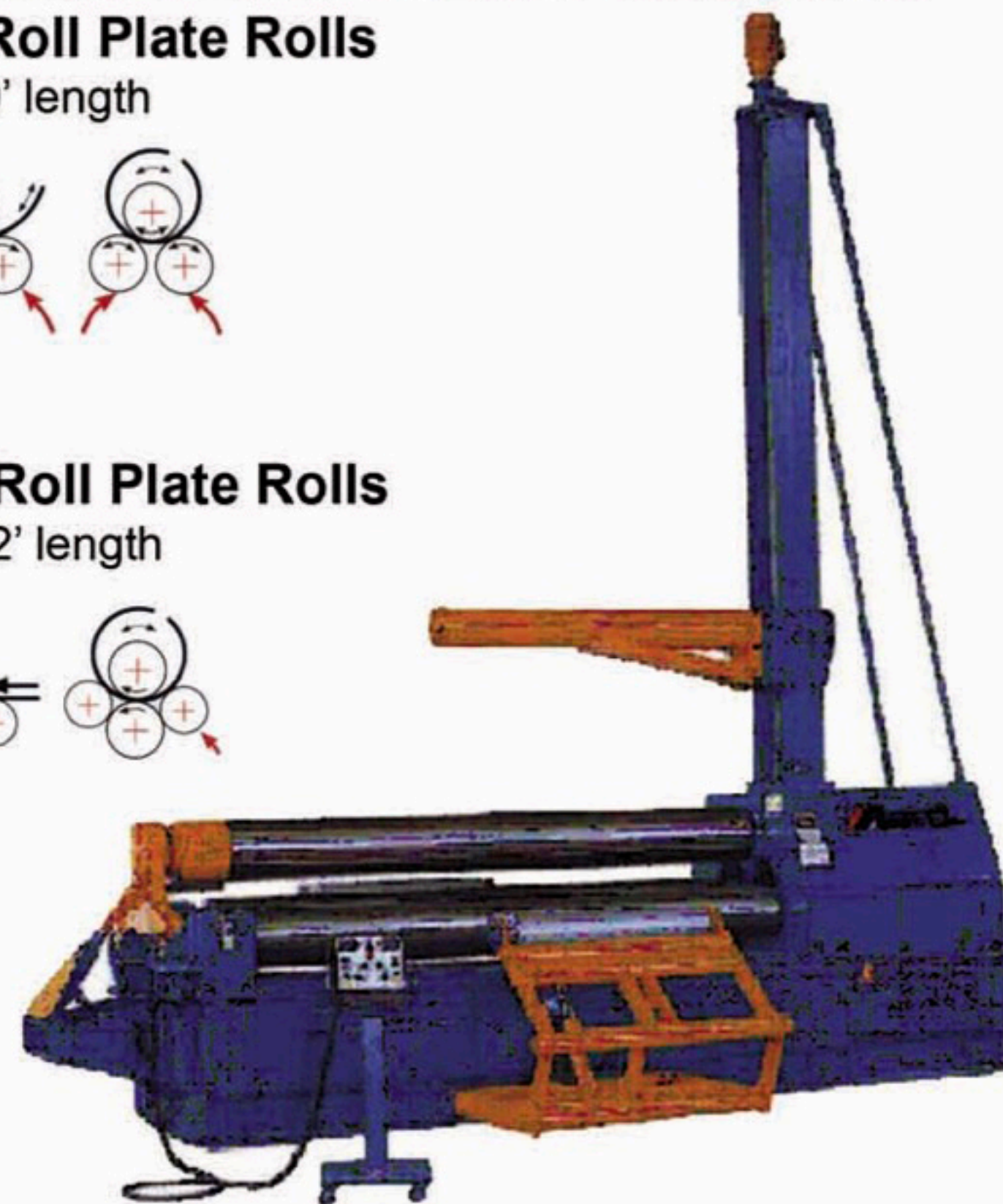
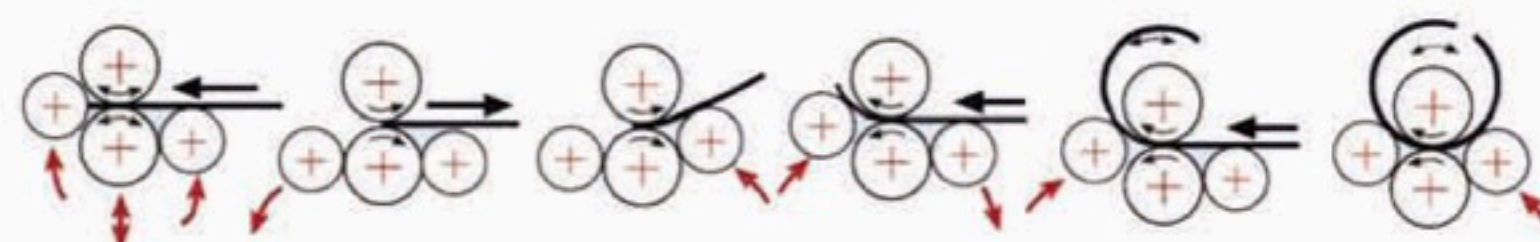
### LHF/H Hydraulic Double-Pinch 3 Roll Plate Rolls

- Bending capacity 1/4" -2" thickness, 6' -20' length



### LHF/H Hydraulic Double-Pinch 4 Roll Plate Rolls

- Bending capacity 1/4" -2" thickness, 6' -12' length



## MASTEEL CNC PLATE ROLL CONTROL FEATURES:

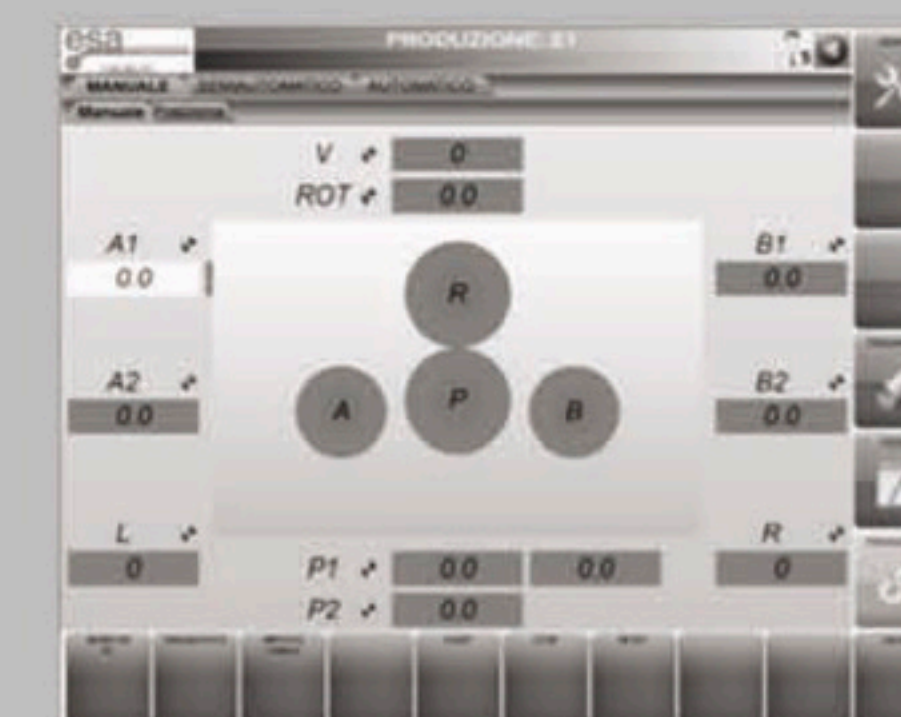
### ESA CNC S630 Control

- 10" touch screen with powerful graphic function
- 1024 x 600 pixels resolution screen display.
- 128 MB silicon disk, 2 USB (2.0) ports.
- Interactive 2D graphic editor for work-pieces and roll data entry
- 2D graphic display of machine frame, work-piece and rolls

- Easy to program bending job and edit bending profile

- Detail display for auto bending

- Roll bending Position display



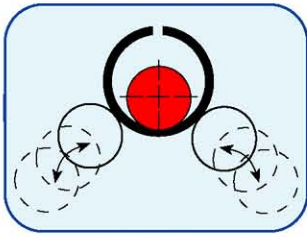
MASTEEL PLATE ROLLS

MASTEEL PLATE ROLLS



# HYDRAULIC PLATE BENDING ROLLS

## 3-ROLL DOUBLE PINCH TYPE



3-ROLLS



LHF-1020H

### Capacities:

- 6mm to 75 mm thickness and lengths from 2000 mm to 6000mm.

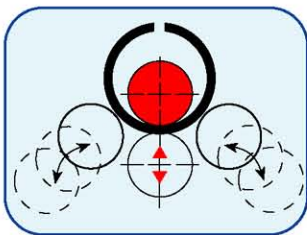
### Standard comes up with:

- Fully hydraulic with adjustable rolling speed.
- All 3 rolls driven.
- Hardened rolls.
- PLC controls.
- Two sets of readouts.
- Cone bending device.

### Options:

- Top support arm.
- Two sides support arms.
- Interchangeable smaller top roll

## 4-ROLL DOUBLE PINCH TYPE



4-ROLLS



LHF-10416H

# POWER ROLLS

## 3-ROLL SINGLE PINCH TYPE



3-ROLLS



LHF-506E

### Capacities:

- 3mm to 16 mm thickness and lengths from 900 mm to 3000mm.

### Standard comes up with:

- Hydraulic powered pinch/rare roll adjustment.
- Hydraulic drop end.
- Power tilting of the rare roll.
- All 3 rolls are hardened.
- One sets of readouts.
- Rapid gap setting for pinch roll. (A unique feature)

### Options:

- Cone bending device.
- Cable type emergency stop assembly.



Control Panel

# PRODUCTION ROLLING MACHINE

Prebends and rolls the complete cylinder in one pass, with almost no flat ends. Ideal for rolling thin and small diameter cylinder.

## 2-ROLL BENDING ROLLS

### Capacities:

- 0.3mm to 4 mm thickness and lengths from 300 mm to 1500mm.



## AUTO 4-ROLL AIR BENDING ROLLS

### Capacities:

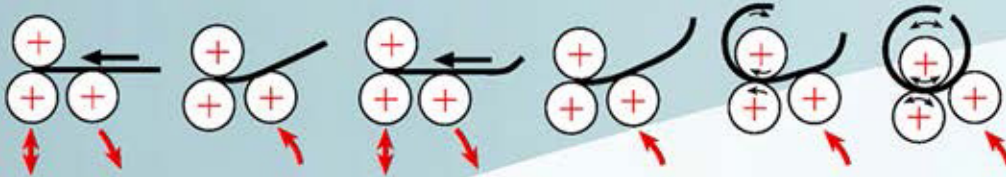
- LPF-2412 2.5x610mm
- LPF-4416 1.5x1270mm
- LPF-5420 1.0x1550mm



LPF-4416



# 3-Roll Initial-Pinch Type



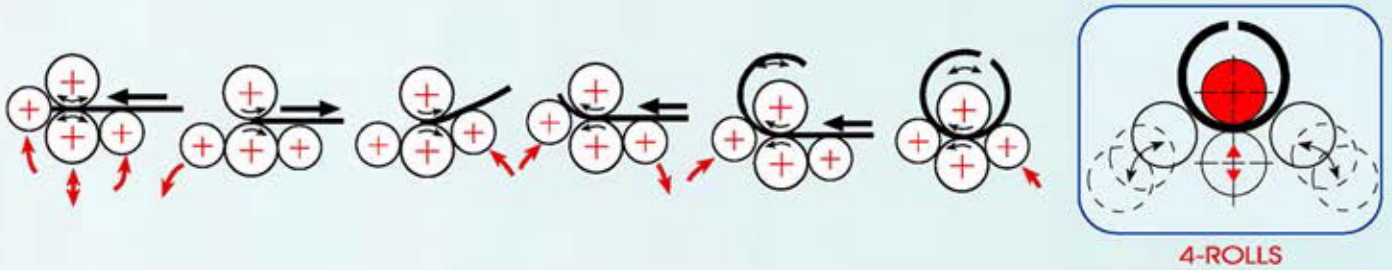
3-ROLLS

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.

