

The Modular Laminator Crest (MLC) has been designed for high quality adhesive coating, panel mounting, laminating and encapsulation of images. Thanks to the well-developed modular design and the availability of many options and upgrade kits, the machine can be adapted to meet a client's specific needs. A major advantage of the modular design is, for example, that a simple two roller unheated machine can be extended on site at a later stage, using upgrade kits, to become a very complete four roller heated machine. In this way, an initially basic machine can be continually adapted to the changing working needs.

This keeps the starting investment low. An adjustable line pressure of 2.5 N/mm, a maximum roller speed of 8 m/min and a roller opening up to 35 mm make this machine multi-deployable. The switchable rotating direction in combination with the userfriendly operating panel with digital display on the swing arm allows for operation of the machine from both sides. The robust industrial design and the high-quality control technology guarantee a long working life and excellent control of both the quality and the quantity of the work to be carried out.



Features:

- Modular Concept
- Industrial Design
- Full options program
- Integrated slitting system (4 roller configuration)
- Rotating operating panel

Benefits:

- Customer configurable
- Heavy Duty Capabilities
- Possibilities for many configurations
- Time saving
- Work and control on both sides of machine

Technical Specifications

BASIC MLC	2 ROLL	4 ROLL	AVAILABLE OPTIONS	2 ROLL	4 ROLL
Max. working width	1575 mm (62 inch)	1575 mm (62 inch)	Heating front top roll	X	X
Max. roller width	1675 mm (66 inch)	1675 mm (66 inch)	Heating front top and bottom rollers	X	X
Max. roller nip opening	35 mm (1.4 inch)	35 mm (1.4 inch)	Unwind/windup positions (top or bottom)	X	-
Max. substrate thickness	30 mm (1.2 inch)	30 mm (1.2 inch)	Cooling fans	X	X
Max. unwind/wind up diameter	200 mm (8 inch)	200 mm (8 inch)	Smoothing rollers/cooling	X	X
Core inner diameter	75 mm (3 inch)	75 mm (3 inch)	Unwind images at feed in table	X	X
Maximum line pressure	2,5 N/mm	2,5 N/mm	Tray for images at feed-in table	X	X
Line pressure in N/mm or >>/inch	digital	digital	Ionisation at feed in table	X	X
Heating time to 120 °C	1 hr	1 hr	Slitting system front side	X	X
Maximum roller temperature	135 °C	135 °C	Slitting system rear side	-	X
Temperature reading in F or C	digital	digital	Slitting system between rollersets	-	X
pressure rollers main (cold)	2	4	Turret for 4 or 5 rolls	X	X
Unwind/windup positions (top or bottom)	2 (+2 Optional)	3	Top unwind/wind up + wrinkle control	X	X
Auto grip shafts	2 (+2 Optional)	3 + 3	Bottom unwind/ wind up + wrinkle control	X	X
Swinging feed in table	standard	standard	Additional auto grip shafts	X	X
Removable image guide on table	standard	standard	Brake bar on infeedtable (for thin materials)	X	X
Feed-out table	fixed	swinging	Extension infeed table	X	X
Castors for easy move	standard	standard	AVAILABLE UPGRADE KITS		
Control panel on swing arm	standard	standard	2 pressure rollers pulling (cold)	X	-
Emergency stop buttons	standard	standard	2 unwind/windup positions (top or bottom)	X	-
Emergency cable switch	1	2	Swinging feed out table	X	-
Foot pedal with cover	standard	standard	Roller clutch pulling rollers	X	-
Foot pedal mode	standard	standard	Emergency cable switch	X	-
			Width extension kit from 1600 to 2000 mm	X	X

Dimensions

Width	2320 mm	2320 mm
Depth	1030 mm	1210 mm
height	1610 mm	1610 mm
Net weight	675 kg	1090 kg
Shipping weight	705 kg	1120 kg

Power Requirements

Power supply roller cold	1 A	1A
Power supply top and bottom roller heated	16-19 A/ 3 phase	16-19 A/ 3phase
Maximum power consumption roller cold	250 W	250 W



Details are correct at the time of publication.

Crest Dutch Machinery B.V. reserves the right to alter specifications at any time.