

MODULAR LAMINATOR CREST

CREST
Dutch Machinery



The Modular Laminator Crest has been designed for high-quality adhesive coating, panel mounting, laminating and encapsulating 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 simple 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 makes this machine multi-deployable.

The switchable rotating direction in combination with the user-friendly operating panel with digital display on the swing arm allows for operation of the machine from both sides.

The robust and stable design and the high-quality control technology guarantees a long working life and excellent control of both the quality and the quantity of the work to be carried out.

MLC 1600

SPECIFICATIONS

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Available in 1200, 1400, 1600, 2000mm wide

BASIC MLC	2 ROLL	4 ROLL
Maximum working width	1575 mm (62 inch)	1575 mm (62 inch)
Maximum roller width	1675 mm (66 inch)	1675 mm (66 inch)
Maximum roller nip opening	35 mm (1.4 inch)	35 mm (1.4 inch)
Maximum substrate thickness	30 mm (1.2 inch)	30 mm (1.2 inch)
Maximum unwind/wind up diameter	200 mm (8 inch)	200 mm (8 inch)
Core inner diameter	75 mm (3 inch)	75 mm (3 inch)
Maximum line pressure	2,5 N/mm	2,5 N/mm
Line pressure reading in N/mm or >>/inch	digital	digital
Heating time to 120 °C	1 hr	1 hr
Maximum roller temperature	135 °C	135 °C
Temperature reading in F or C	digital	digital
pressure rollers main (cold)	2	4
Unwind/windup positions (top or bottom)	2 + 2	3 + 3
Auto grip shafts	4	6
Swinging feed in table	standard	standard
Removable image guide on table	standard	standard
Feed-out table	fixed	swinging
Castors for easy move	standard	standard
Control panel on swing arm	standard	standard
Emergency stop buttons	standard	standard
Emergency cable switch	1	2
Foot pedal with cover	standard	standard
Foot pedal mode	standard	standard
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 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
Maximum power consumption top (and bottom) roller heated	4250 W	4250 W

AVAILABLE OPTIONS	2 ROLL	4 ROLL
Heating front top roll	option	option
Heating front top and bottom rollers	option	option
Unwind/windup positions (top or bottom)	option	-
Cooling fans	option	option
Smoothing rollers/cooling	option	option
Unwind images at feed in table	option	option
Tray for images at feed-in table	option	option
Ionisation at feed in table	option	option
Slitting system front side	option	option
Slitting system rear side	-	option
Slitting system between rollersets	-	option
Turret for 4 or 5 rolls	option	option
Top unwind/wind up + wrinkle control	option	option
Bottom unwind/ wind up + wrinkle control	option	option
Additional auto grip shafts	option	option
Brake bar on infeedtable (for thin materials)	option	option
Extension infeed table	option	option

AVAILABLE UPGRADE KITS

2 pressure rollers pulling (cold)	yes	-
2 unwind/windup positions (top or bottom)	yes	-
Swinging feed out table	yes	-
Roller clutch pulling rollers	yes	-
Emergency cable switch	yes	-
Width extension kit from 1600 to 2000 mm	yes	yes

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