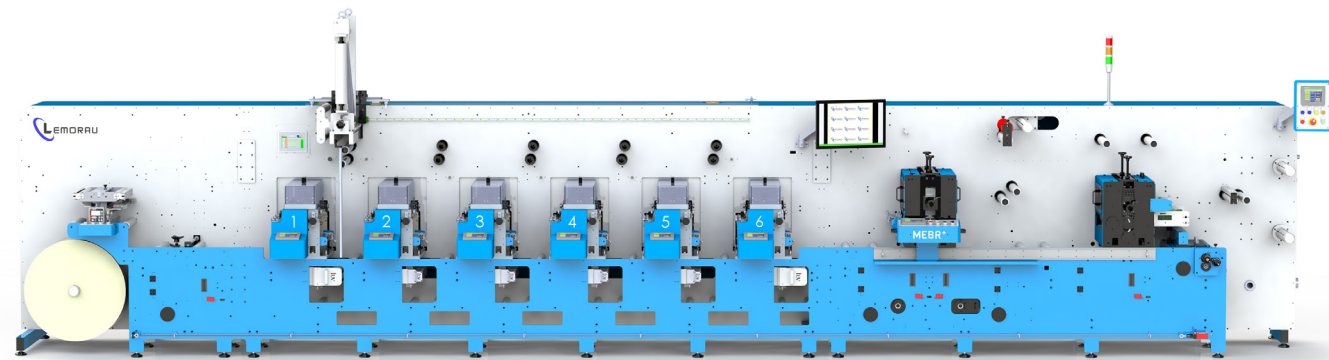


LEMORAU MEBR+ PRINTING

Modular Flexo Printing Machine



Non-binding image

SPECIFICATIONS

- ▶ Web width 330, 450 mm (13", 18")
- ▶ Max. rotary speed for blank labels: 200 m/min. (656 ft/min.)
- ▶ Max. rotary speed die cutting to register: 120 m/min. (394 ft/min.)
- ▶ Max. semi-rotary speed die cutting to register: 40 m/min. (131 ft/min.) with intelligent speed limit according to repeat
- ▶ Electronic Counter (Labels/ Meters/ Rolls/ Total meters and labels Counter / Information of current rolls diameters)
- ▶ Job memory for easy and quick job set ups
- ▶ Paper and matrix break detection
- ▶ QRC (Quick Remote Connection)- For fast and easy access to the machine remotely
- ▶ Automatic web tension control system by servo motors - Constant and Taper tension
- ▶ Smart Gap - Software compatible with all digital printers
- ▶ Multi language HMI touch screen
- ▶ Electrical supply according to destination country (no need of transformers)
- ▶ CE conformity certificated, user manual and electrical scheme

UNWINDER

- ▶ Servo driven with max. Ø 700 mm (27,5"), ID 76mm (3")
- ▶ Automatic stop at master roll end with programmable roll-end settings
- ▶ Clockwise/counterclockwise unwinding
- ▶ Electronic web guide system with ultrasonic sensor and splice table with pneumatic clamps

FLEXO STATIONS

- ▶ Number of colors according to customer requirements
- ▶ Full rotary operation, with semi-rotary mode also available
- ▶ Max. printing speed in rotary: 120 m/min.
- ▶ Hard-chrome-plated impression cylinder
- ▶ Manual lateral register adjustment: ±4.5 mm
- ▶ Open doctor blade system (without chamber)
- ▶ Easy-removal ink tray with pneumatic lift
- ▶ Dipping roller pressure adjustment against the anilox cylinder
- ▶ Each station includes: printing cylinder + anilox roller + UV curing system (IR and LED systems also available)

SPECIFICATIONS (CONT.)

DIE CUTTING

- ▶ Operates in full Rotary or Semi-rotary modes
- ▶ Die repeats in **Rotary Mode**: min. 203,20 mm (8") – max. 431,80 mm (17")
- ▶ Recommended die repeat in **Semi-Rotary Mode** (magnetic cylinder included Z130 1/8"): 82,55- 330,20 mm (3,25 – 13")
- ▶ Servo driven buffer
- ▶ Deflation function for existing flexible dies in semi-rotary mode
- ▶ *Easy Strip* waste rewinder max. Ø 600mm (24")

DIE CUTTING EQUIPPED WITH SPEED PACK (OPTIONAL)

- ▶ Maximum semi-rotary speed 80 m/min. - speed may vary depending on plate size
- ▶ Die repeats in **Rotary Mode**: min. 203,20 mm (8") – max. 603,25 mm (23.75")
- ▶ Recommended die repeat in **Semi-Rotary Mode** (magnetic cylinder included Z190 1/8") 120,65 – 482,60 mm (4,75 – 19")

SLITTING UNIT

- ▶ Cassette system equipped with 6 sets of circular knives with lateral adjustment

REWINDING

- ▶ Servo driven equipped with 1 interchangeable pneumatic rewinder, ID 76mm (3")
- ▶ Semi-automatic rewinding (when having optional double rewinder)
- ▶ Clockwise/counterclockwise rewinding (labels in/ labels out)
- ▶ Max. rewinder Ø 580 mm (23") using single rewinder / 350mm (14") using optional double rewinder

OPTIONAL EQUIPMENT

- ▶ Additional mandrels in customized sizes
- ▶ Additional die station
- ▶ Additional slitting knives
- ▶ Air Trim Removal
- ▶ Anti-static bar
- ▶ Anvil roll with adjustable gap
- ▶ Automatic load & unload of flexible die
- ▶ Automatic lubrication system
- ▶ Back scorer unit- manual/ automatic
- ▶ Bearer wipers & lubrication
- ▶ Clear on clear sensor
- ▶ Cold foil - full rotary or semi-rotary
- ▶ Corona treatment
- ▶ Custom die cutting unit according to existing cylinders
- ▶ Delam/Relam - rotary mode
- ▶ Digital embellishment module
- ▶ Double rewinder
- ▶ Flat bed screen printing
- ▶ Full automatic slitting with optical sensor
- ▶ Hot foil flat bed
- ▶ Inkjet module for variable data
- ▶ Lamination station (selfwound /with liner)
- ▶ Modular unwinder Ø 1meter (40")
- ▶ Multi layer - crossover or lamination in register
- ▶ Non stop buffer for continuous run
- ▶ Pressure gauges for die cutting unit
- ▶ QR code reader for an automatic set up
- ▶ Razor slitting knives
- ▶ RFID and NFC Tag application
- ▶ Smart sheeter & conveyor for sheet label production
- ▶ Speed Pack Semi-rotary die cut up to 80m/min.
- ▶ Super Speed Pack for semi-rotary - over 100m/min.
- ▶ Turn bar - fixed or movable
- ▶ Turret rewinding - semi-automatic with gap stop position
- ▶ Web cleaner