LEMORAU®

CONVERTING EQUIPMENT

Litho mecanica ltd

YOUR FINISHING PARTNER

LEMORAU WORLDWIDE

Albania **Algeria** Australia **Austria** Azores **Belgium** Brazil **Bulgaria** Canada **CHILE** Colombia **Costa Rica** *Croatia* **Cyprus** Czech Republic **Denmark** Dominican Republic **Ecuador** Estonia *Finland*
France Georgia **Germany** **Ghana** *Gran canaria* **Greece** *Guadeloupe* Guatemala Hungary **India** *Indonesia* **Iran** Israel **Italy** **Ivory Coast** **Jamaica** *Jordan* **Kuwait** Kyrgyzstan Lithuania
Malaysia **Mexico** Morocco **Netherlands** New Caledonia Nigeria *Northern Ireland* **PERU** Poland **Portugal** Puerto Rico Qatar **Republic of Ireland** *Reunion Island* Romania **Russia** Saudi Arabia
Senegal **Serbia** SLOVAKIA ***Slovenia*** South Africa **Spain** Sweden **Suriname** *Switzerland* **Thailand** *Tunisia* Turkey **UAE** UK Ukraine **USA** *Vietnam* Zimbabwe

MORE THAN 35 YEARS OF EXPERIENCE

Founded in **1987**, LEMORAU is a growing and innovative company that develops and manufactures **finishing machines** for the world-wide **label industry**. With a portfolio of technology that ranges from in-line printing and finishing machines, die cutters, slitter/rewinders, inspection machines to auxiliary equipments such as core cutters and roll lifters.

Constantly innovating, Lemorau offers a list of optional equipment that includes flexo (spot and flood coat), hot and cold foiling, screen printing, lamination, embossing, peel and reveal, multi layer, automatic slitting-knife positioning, easy strip waste rewinder, turret rewinding, among others, all to meet the demands and the fast pace of the industry.

Leader in the label market, it's been growing internationally over the last years, selling its products in **77 countries across the five continents**. The machines are developed, manufactured and assembled in house and are internationally represented by a network of distributors around the world.

Quality is the key in everything Lemorau does. Since 1987, the machines are designed to be **practical**, **durable** and most of all **reliable**.

LEMORAU machines are manufactured according to the highest standards and go through rigorous quality control testing during multiple stages of production and upon completion.

VISION

To be recognized nationally and internationally; Develop an enduring and effective network sales; Provide a harmonious workplace; Productively, be an organized, effective and dynamic company; Make a difference with each customer, making each one of them a **friend**.

MISSION

Develop, create and manufacture machines of **excellence**. Always focused on quality and total satisfaction of our customers.

VALUES

Customer's total satisfaction, build machines with rigor and excellence. Responsibility to all employees, keep each one of them involved in every process, enhancing **Creativity**; **Innovation** and continuous **Improvement** of our products and services. Our Strength is the excellent close relationship with customers; Always act transparently; Be committed with **mind** and **heart**!

Raul Teixeira
Chairman

Pedro Teixeira
CEO

Susana Teixeira
CFO

SOCIAL RESPONSIBILITY

UN GLOBAL IMPACT

We defend the ten principles of the global compact regarding to respect of Human Rights, Labour Rights, Protection of the environment and anti-corruption.

SOLIDARITY

Aware of the relevance of the role played by business factory in each country, we participate actively in various solidarity campaigns through a commitment renewed year after year with the intention to improve our society.

ENVIRONMENTAL RESPONSIBILITY

The preservation of the environment is one of our concerns becoming increasingly important in our society where each of us plays a major role in building a better world. At Lemorau we developed recycling recovery measures with the separation of production surpluses, as well as the reduction of paper use through awareness actions, enhancing internal communication through digitization.
Mostly we use sunlight and in the need of artificial light is used Led light, contributing to preservation and energy saving. The use of digital media for virtual meetings, conferences, live demos, etc., has allowed us to reduce the use of the company's cars, reduce air travel, allowing a high reduction of the environmental footprint leading to CO2 reduction, preserving, caring and helping to protect the world from all of us. For Lemorau, being a sustainable company is essential!

PME LÍDER & PME EXCELLENCE

Lemorau is distinguished with the merit of **PME Lider**. This status distinguishes Portuguese companies with higher performance profiles, demonstrating that they are pursuing growth strategies and strengthening the competitive base with high levels of performance and financial soundness, meeting cumulatively criteria in various areas including economic, fiscal, financial results, profitability and turnover.

This merit is attributed annually to only about 9,000 companies out of millions.

The best performing PME are distinguished with the merit of **PME Excellence**. Lemorau is also distinguished with this status, adding the visibility of the company of superior profile showing levels of solidity, a fair recognition of its merit and its contribution to the results of the National economy.

This merit is awarded annually to less than 3000 companies at National level. For exporting companies and with international ambition such as Lemorau, the PME Excellence status is particularly relevant, constituting a differentiating factor and a guarantee of the solidity and reputation of the companies.

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DIE CUTTERS & FINISHING

LEMORAU MEBR+

Modular Digital Finishing Machine

SPECIFICATIONS

- 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 inteligent speed limit according to repeat
- Web width 250, 330, 400, 450 mm, other sizes (10, 13, 16, 18", other sizes)
- Electronic Counter (Labels/ Meters/ Rolls/ Total meters and labels Counter / Information of actual diameter)
- 250 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
- Foot pedal to jog the machine
- Multi language HMI touch screen
- Electrical supply according to country/customer request (no need of transformers)
- CE conformity certificated, user manual and electrical scheme

SPECIFICATIONS (CONT.)

UNWINDER
- Servo driven with max. Ø 700 mm (27,5") - Can be upgraded to 1000mm (40") as optional
- Pneumatic shaft ID 76mm (3")
- Automatic stop at master roll end with programmable end of roll function
- Clockwise/counterclockwise unwinding
- Adjustable splice table with pneumatic clamps
- Electronic web guide system with ultrasonic sensor which enables guiding of opaque and clear materials

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

DIE CUTTING EQUIPPED WITH SPEED PACK (OPTIONAL)
- Maximum semi-rotary speed 80 m/min - Die cutting to register (dependent on plate size)
- Equipped with magnetic cylinder Z190 1/8"
- Die repeats in **rotary mode:** 203,20 – 603,25 mm (8-23.75")
- Recommended die repeat in **semi-rotary mode (Z190 1/8")** 120,65 – 482,60 mm (4,75 – 19")

SLITTING UNIT
- Equipped with 6 sets of circular knives with lateral adjustment - Can be added more as optional
- Razor knives unit - as optional

REWINDING
- Servo driven equipped with 2 interchangeable pneumatic rewinders
- Equipped with 6 air shafts: 2x25, 2x40, 2x76mm (2x1" , 2x1.57" , 2x3")
- Semi-automatic rewinding
- Clockwise/counterclockwise rewinding (labels in/ labels out)
- Max. rewinder Ø 600mm (24“) using single rewinder / 350mm (14“) using double rewinder

OPTIONAL EQUIPMENT

- Additional mandrels in customized sizes
- Additional rotary die station
- Additional slitting knives
- Air trim removal
- Anti-static bar
- Anvil roll with adjustable gap
- Automatic positioning of slitting knives
- Back scorer unit
- Bearer wipers
- Booklet label module
- Cast'n'cure
- Clear on clear sensor
- Cold foil
- Conveyor
- Corona treatment
- Custom made die cutting unit according to existing cylinders
- Delam/Relam
- Easy strip waste rewinder
- Flat bed screen printing
- Hot foil flat bed
- Inkjet module for variable data
- Lamination station (Linerless/ with liner)
- Laser cut
- Modular unwinder Ø 1meter (40″)
- Multi layer labels
- Pressure gauges for die cutting unit
- Razor slitting knives
- RFID insertion
- Rotary/semi-rotary Flexo modules
- Rotary screen printing
- Speed Pack Semi-rotary die cut up to 80m/min
- Turn bar
- Turret rewinding
- Waste presser roll
- Web cleaner

OPTIONAL

Web Cleaner & Corona Treatment

OPTIONAL

Rotary/Semi-rotary Smart Concept Flexo Units

OPTIONAL

Turn Bar

OPTIONAL

RFID/ Label Applicator

OPTIONAL

Back Scorer Unit

OPTIONAL

Double Die Cutting

OPTIONAL

Delam/relam

OPTIONAL

Flat Screen Printing

OPTIONAL

Cold Foil Stamping

OPTIONAL

Anvil roll w/ adjustable Gap

OPTIONAL

Pressure Gauges

OPTIONAL

Easy Strip Waste Rewinder

OPTIONAL

Flat Bed Hot Foil Stamping

OPTIONAL

Multi-layer/ Peal & Reveal

OPTIONAL

Lamination (linerless or w/ liner)

OPTIONAL

Automatic Slitting Knives

OPTIONAL

Semi-automatic Turret

OPTIONAL

Conveyor for sheet labels

LEMORAU MEBR+

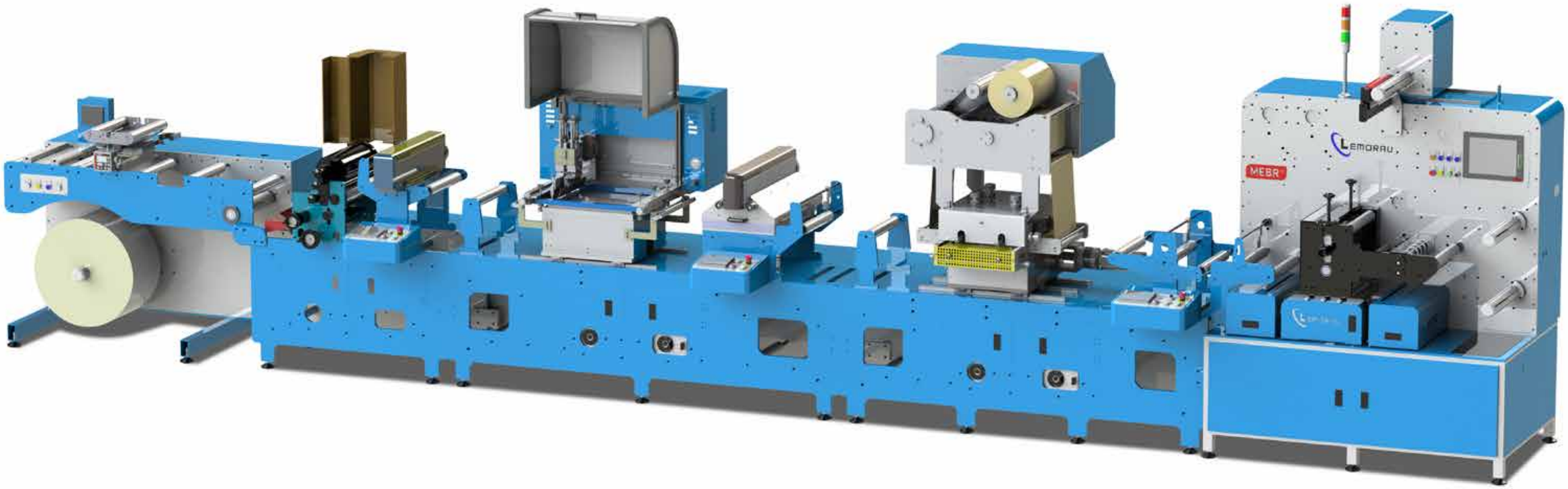
YouTube

MAIN FEATURES

- Servo driven unwinder
- Electronic web guide system with ultrasonic sensor
- Adjustable splice table with pneumatic clamps
- 4 smart concept flexo units in rotary mode
- Turn bar
- Double die cutting station semi-rotary at 80 m/min.
- Anvil roll with adjustable gap
- Servo driven waste rewinder
- Automatic positioning of slitting knives
- Air trim removal
- Servo driven rewinder

LEMORAU MEBR+ EVOLUTION

YouTube



MAIN FEATURES

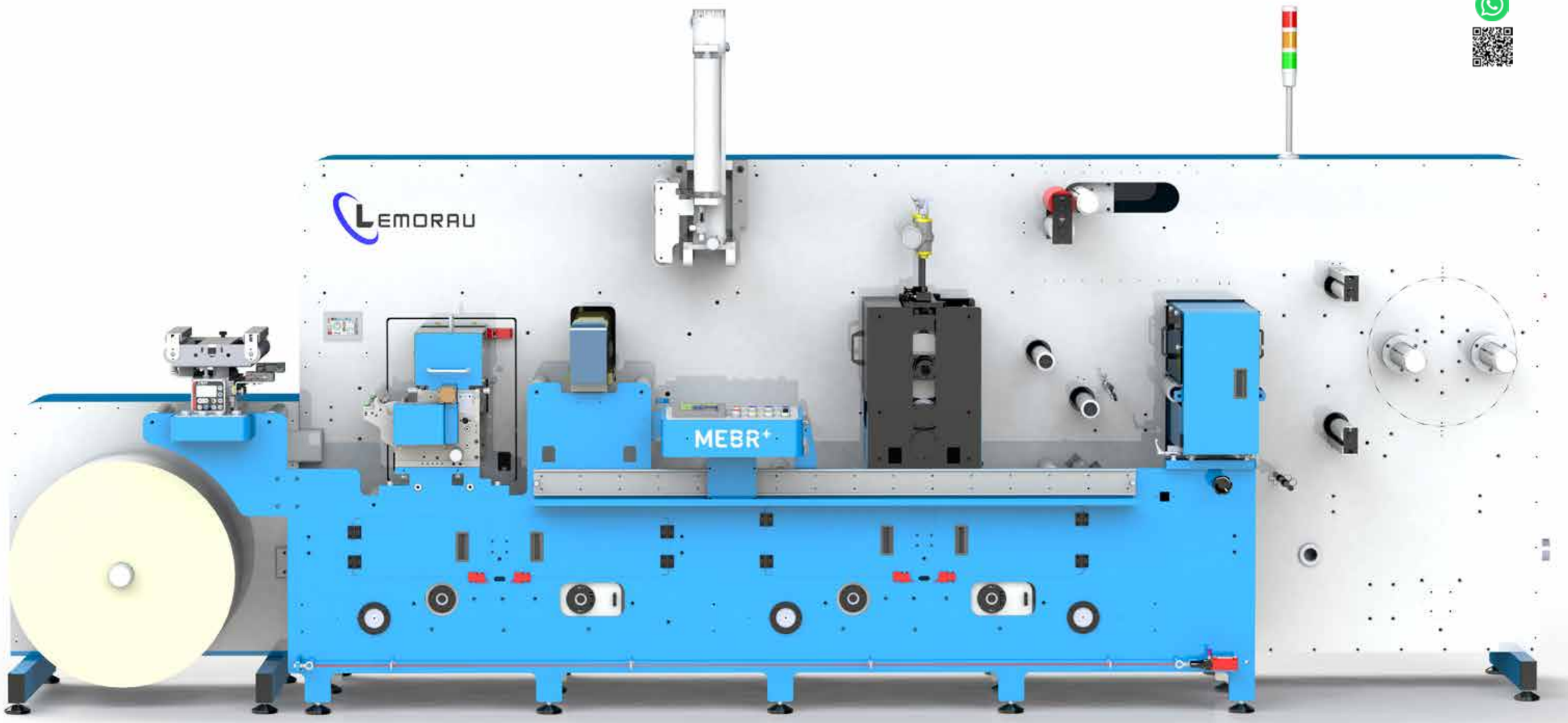
- Servo driven unwinder
- Electronic web guide system with ultrasonic sensor
- Splice table with pneumatic clamps
- Mechanical space for web cleaner and corona treatment
- Flexo unit in rotary mode
- Flat screen printing
- Flat bed hot foil stamping
- Semi-rotary die cutting
- Anvil roll with adjustable gap
- Easy strip waste rewinder
- Air trim removal
- Slitting unit
- Double rewinder

LEMORAU MEBR+

MAIN FEATURES

- Servo driven unwinder
- Electronic web guide system with ultrasonic sensor
- Splice table with pneumatic clamps
- Corona treatment
- 2 Flexos in rotary/semi-rotary mode
- Turn bar
- Movable cold foil / Lamination station
- Movable control panel
- Die cutting station semi-rotary at 80 m/min.
- Easy strip waste rewinder
- Automatic positioning of slitting knives
- Air trim removal
- Turret rewinding

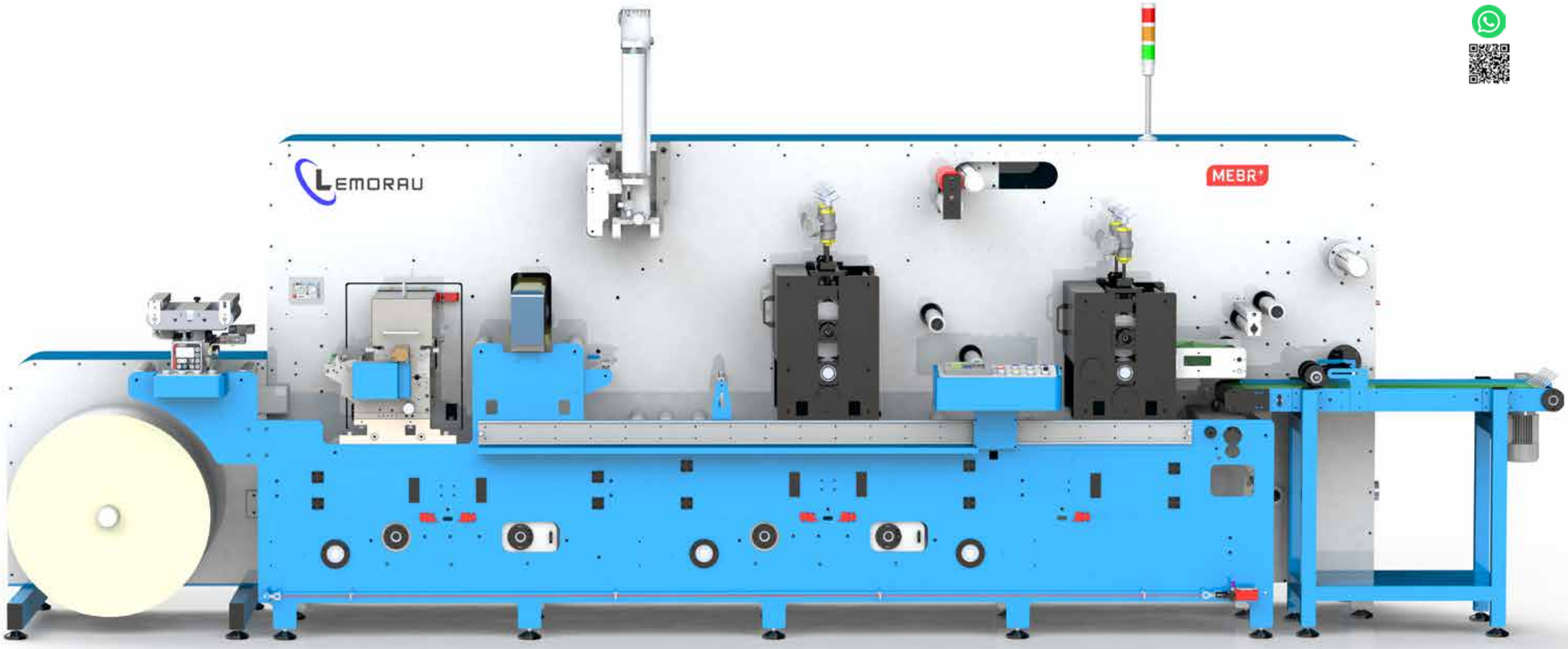
LEMORAU MEBR+



MAIN FEATURES

- Servo driven unwinder
- Electronic web guide system with ultrasonic sensor
- Splice table with pneumatic clamps
- Smart concept flexo unit in rotary/semi-rotary mode
- Turn bar
- Back scorer
- Die cutting station semi-rotary at 80 m/min.
- Movable control panel
- Anvil roll with adjustable gap
- Pressure gauges
- Easy strip waste rewinder
- Automatic positioning of slitting knives
- Air trim removal
- Turret rewinding

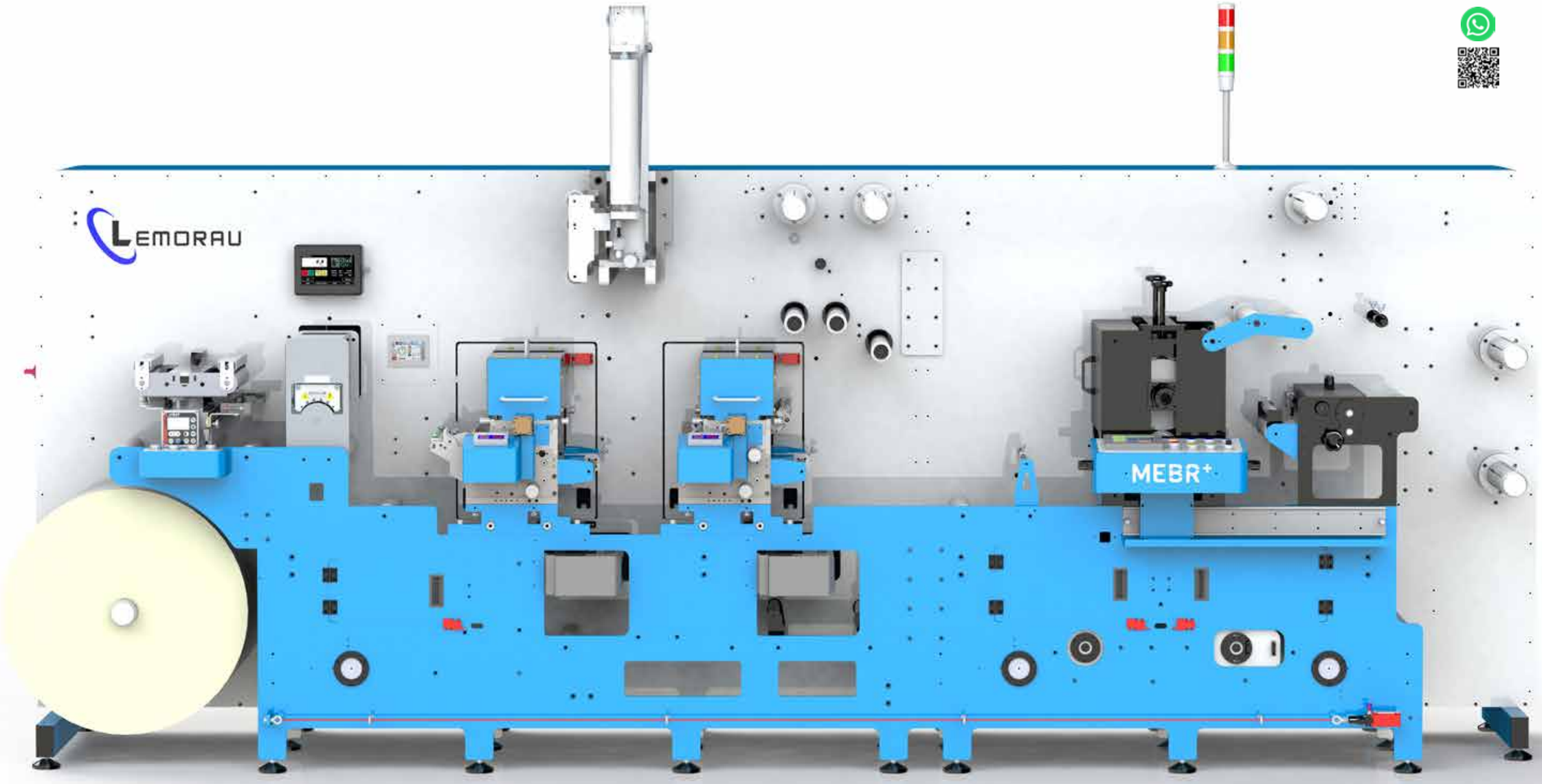
LEMORAU MEBR+



MAIN FEATURES

- Servo driven unwinder
- Electronic web guide system with ultrasonic sensor
- Splice table with pneumatic clamps
- Smart concept flexo unit in rotary/semi-rotary mode
- Turn bar
- Movable control panel
- Semi-rotary die cutting unit & samrt sheeter
- Pressure gauges on both units
- Easy strip waste rewinder
- Slitting unit
- Air trim removal
- Double rewinding
- Removable conveyor

LEMORAU MEBR+

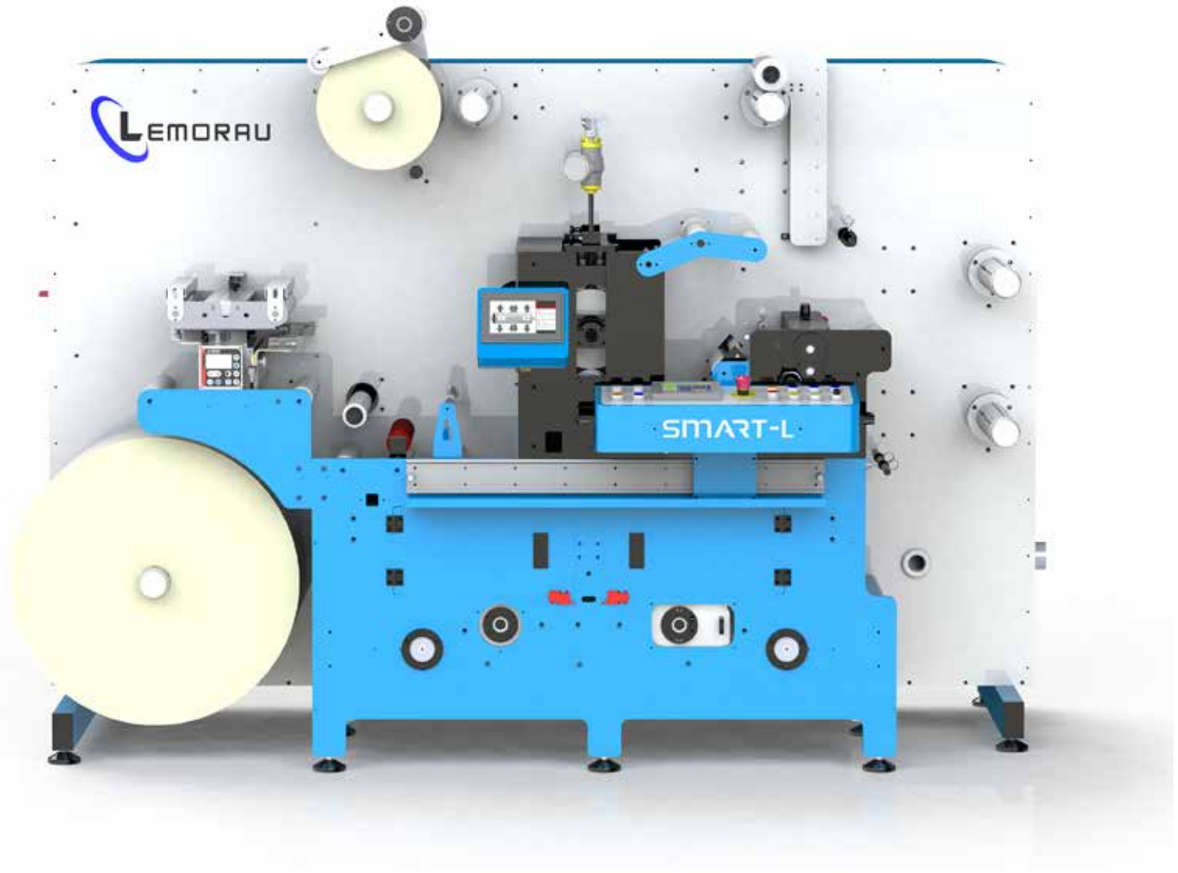


MAIN FEATURES

- Servo driven unwinder
- Electronic web guide system with ultrasonic sensor
- Splice table with pneumatic clamps
- Corona treatment
- 2 smart concept rotary flexo units
- Turn bar
- Cold foil unit
- Movable control panel
- Semi-rotary die cutting unit at 80m/min.
- Slitting unit
- Double rewinding

LEMORAU SMART-L

Compact Finishing Machine



SPECIFICATIONS

- 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 inteligent speed limit according to repeat
- Web width 250, 330, 400, 450 mm, other sizes (10, 13, 16, 18", other sizes)
- Electronic Counter (Labels/ Meters/ Rolls/ Total meters and labels Counter / Information of actual diameter)
- 250 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
- Foot pedal to jog the machine
- Multi language HMI touch screen
- Electrical supply according to country/customer request (no need of transformers)
- CE conformity certificated, user manual and electrical scheme

SPECIFICATIONS (CONT.)

UNWINDER
- Servo driven with max. Ø 700 mm (27,5")
- Pneumatic shaft ID 76mm (3")
- Automatic stop at master roll end with programmable end of roll function
- Clockwise/counterclockwise unwinding
- Adjustable splice table with pneumatic clamps
- Electronic web guide system with ultrasonic sensor which enables guiding of opaque and clear materials

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

DIE CUTTING EQUIPPED WITH SPEED PACK (OPTIONAL)
- Maximum semi-rotary speed 80 m/min - Die cutting to register (dependent on plate size)
- Equipped with magnetic cylinder Z190 1/8"
- Die repeats in **rotary mode:** 203,20 – 603,25 mm (8-23.75")
- Recommended die repeat in **semi-rotary mode (Z190 1/8")** 120,65 – 482,60 mm (4,75 – 19")

SLITTING UNIT
- Equipped with 6 sets of circular knives with lateral adjustment - Can be added more as optional
- Razor knives unit - as optional

REWINDING
- Servo driven equipped with 2 interchangeable pneumatic rewinders
- Equipped with 6 air shafts: 2x25, 2x40, 2x76mm (2x1" , 2x1.57" , 2x3")
- Semi-automatic rewinding
- Clockwise/counterclockwise rewinding (labels in/ labels out)
- Max. rewinder Ø 580mm (23") using single rewinder / 350mm (14 ") using double rewinder

OPTIONAL EQUIPMENT

BASE PACK:
- Additional mandrels in customized sizes
- Additional slitting knives
- Air trim removal
- Anvil roll with adjustable gap
- Bearer wipers
- Clear on clear sensor
- Linerless or with liner lamination
- Pressure gauges for die cutting unit
- Razor slitting knives
- Speed Pack Semi-rotary die cut up to 80m/min
- Waste presser roll

PREMIUM PACK:
- Additional rewinder when having Turret Rewinding optional
- Automatic positioning of slitting knives
- Cold foil
- Easy strip waste rewinder
- Rotary / Semi-rotary Flexo module
- Turret rewinding (semi-automatic)

LEMORAU EB

Die Cutter For Blank Labels

SPECIFICATIONS

- Maximum speed: 200 m/min (656 ft/min.)
- Web width 250, 330, 400, 450, 550 mm and others (10, 13, 16, 18, 22″ and others)
- Electronic Counter (Labels/ Meters/ Rolls/ Total meters and labels Counter / Information of actual diameter)
- 250 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
- Foot pedal to jog the machine
- Multi language HMI touch screen
- Electrical supply according to country/customer request (no need of transformers)
- CE conformity certificated, user manual and electrical scheme

SPECIFICATIONS (CONT.)

UNWINDER

- Servo driven with max. Ø 700 mm (27,5”) - Can be upgraded to 1000mm (40”) as optional
- Pneumatic shaft ID 76mm (3”)
- Automatic stop at master roll end with programmable end of roll function
- Clockwise/counterclockwise unwinding
- Adjustable splice table with pneumatic clamps
- Electronic web guide system with ultrasonic sensor which enables guiding of opaque and clear materials

DIE CUTTING

- Operates in full Rotary
- Die repeats: 203,20 – 412,75 mm (8 – 16.25″)
- Standard gears for magnetic cylinders are 1/8 CP, straight teeth, angle 20 degrees
- Servo driven waste rewinder max. Ø 600mm (24”)

SLITTING UNIT

- Equipped with 6 sets of circular knives with lateral adjustment - Can be added more as optional
- Razor knives unit - as optional

REWINDING

- Servo driven equipped with 2 interchangeable pneumatic rewinders
- Equipped with 6 air shafts: ID 2x25, 2x40, 2x76mm (2x1” , 2x1.57” , 2x3”)
- Semi-automatic rewinding
- Clockwise/counterclockwise rewinding (labels in/ labels out)
- Max. rewinder Ø 600mm (23,7 “) using single rewinder / 350mm (13,8 “) using double rewinder
- Can be upgraded with semi-automatic Turret Rewinding

OPTIONAL EQUIPMENT

- Additional mandrels in customized sizes
- Additional rotary die station
- Additional slitting knives
- Air trim removal
- Anti-static bar
- Anvil roll with adjustable gap
- Automatic positioning of slitting knives
- Back scorer unit
- Clear on clear sensor
- Conveyor
- Easy strip waste rewinder
- Lamination station
- Modular 1 meter (40″) unwinder diameter
- Pressure gauges for die cutting unit
- Razor slitting knives
- Turret rewinding

YouTube

LEMORAU EBF

Die Cutter For Sheet Labels

SPECIFICATIONS

- Maximum speed 100 m/min. (328 ft/min.)
- Web width 250, 330, 400, 450 mm, other sizes (10, 13, 16, 18”, other sizes)
- Electronic Counter (Meters/ sheets/ Total meters and total sheets Counter)
- 250 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
- Foot pedal to jog the machine
- Multi language HMI touch screen
- Movable control panel
- Electrical supply according to country/customer request (no need of transformers)
- CE conformity certificated, user manual and electrical scheme

SPECIFICATIONS (CONT.)

UNWINDER

- Servo driven with max. Ø 700 mm (27,5”)
- Pneumatic shaft ID 76mm (3”)
- Automatic stop at master roll end with programmable end of roll function
- Clockwise/counterclockwise unwinding
- Adjustable splice table with pneumatic clamps
- Electronic web guide system with ultrasonic sensor which enables guiding of opaque and clear materials

DIE CUTTING

- Double die cutting unit in register full rotary
- Die repeats 203,20 – 460,375 mm (8″ – 18″)
- Standard gears for magnetic cylinders are 1/8 CP, straight teeth, angle 20 degrees
- Servo driven waste rewinder max. Ø 600mm (24”)
- Pneumatic waste shaft ID 76mm (3”)

YouTube

CONVEYOR

- Servo driven

OPTIONAL EQUIPMENT

- Anvil roll with adjustable gap
- Modular 1M (3.3 ft) unwinder diameter
- Pressure gauges for die cutting unit
- IML labels

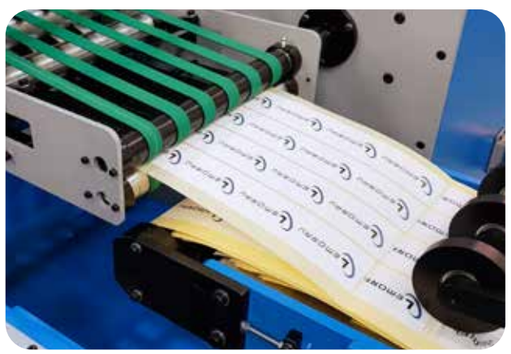


TABLE TOP DIE CUTTERS & FINISHING

LEMORAU EBRM+

Table Top Finishing Machine

SPECIFICATIONS

- Maximum rotary speed 80 m/min. (262.4 ft/min.) – Die cutting to register
- Maximum semi-rotary speed 25 m/min (82 ft/min.) dependent on plate size – Die cutting to register
- Web width 250, 330 mm (10, 13")
- Electronic labels and meters counter
- 250 Job memory for easy and quick job set ups
- Automatic web tension control
- Electronic sensors to start, stop, move faster and move slower while working inline
- Multi language HMI touch screen
- Electrical supply according to country/customer request (no need of transformers)
- CE conformity certificated, user manual and electrical scheme

SPECIFICATIONS (CONT.)

UNWINDER

- Mechanical shaft ID 76mm (3”)
- Max. diameter 450mm (18")
- Clockwise/counterclockwise unwinding
- Electronic web guide system with ultrasonic sensor which enables guiding of opaque and clear materials
- Splice table

LAMINATION

- 1 Linerless lamination unwinder mechanical shaft with max. diameter 300mm (12”)
- Lamination shaft ID 76mm

DIE CUTTING

- Operates in full Rotary and Semi-rotary modes with lateral adjustment
- Equipped with magnetic cylinder Z130 1/8”
- Die repeats in **rotary mode:** 203,20 – 412,75 mm (8 – 16.25″)
- Recommended die repeat in **semi-rotary mode (Z130):** 82,55- 330,20 mm (3,25 – 13″)
- Servo driven buffer
- Waste rewinder with mechanical shaft ID 76mm
- Waste max. diameter 450mm (18”)

SLITTING UNIT

- Equipped with 6 sets of circular knives with lateral adjustment - Can be added more as optional

REWINDING

- 1 rewinder mechanical shaft with max. diameter 360mm (14”)
- Shaft ID 76mm (3”) - minimum ID possible to use is 40mm (1.57”)
- Colockwise and counterclockwise rewinding

OPTIONAL EQUIPMENT

- Additional slitting knives
- Clear on clear sensor
- Infeed tension system to work inline w/ flatbed, semi-rotary and screen machines
- Right to left configuration
- Pneumatic air shafts
- QRC (Quick Remote Connection)- For fast and easy access to the machine remotely
- Work bench

YouTube

LEMORAU EBM

Table Top Die Cutter For Blank Labels

SPECIFICATIONS

- Maximum speed 120 m/min. (398 ft/min.)
- Web width 250, 330 mm (10, 13")
- Electronic Counter (Labels/ Meters)
- Variable web tension control
- 250 Job memory for easy and quick job set ups
- Multi language HMI touch screen
- Electrical supply according to country/customer request (no need of transformers)
- CE conformity certificated, user manual and electrical scheme

SPECIFICATIONS (CONT.)

UNWINDER

- Max. diameter 450 mm (18")
- Pneumatic shaft ID 76mm (3")
- Splice table with pneumatic clamps

DIE CUTTING

- Operates in full Rotary
- Standard gears for magnetic cylinders are 1/8 CP, straight teeth, angle 20 degrees
- Die repeats 203,20 – 431,80 mm (8-17 in)
- Pneumatic waste rewinder max. Ø 450mm (18")

SLITTING UNIT

- Equipped with 3 sets of circular knives with lateral adjustment - Can be added more as optional

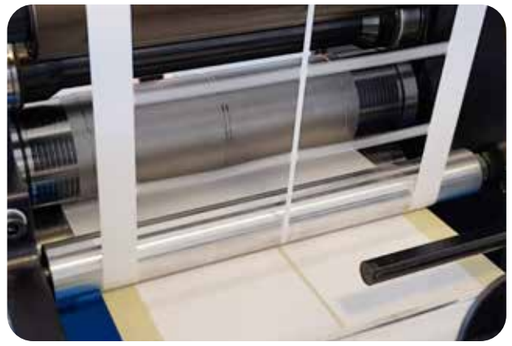
REWINDING

- 1 interchangeable pneumatic shaft ID 76 mm (3")
- Clockwise/counterclockwise rewinding (labels in/ labels out)
- Max. rewinder Ø 360 mm (14")

OPTIONAL EQUIPMENT

- Additional mandrels in customized sizes
- Additional slitting knives
- Back scorer unit
- Clear on clear sensor
- Electronic web guide system
- Pressure gauges for die cutting unit
- QRC (Quick Remote Connection)
- Work bench

YouTube



LEMORAU CRM

Table Top Slitter/ Rewinder

SPECIFICATIONS

- Maximum speed 120 m/min. (398 ft/min.)
- Web width 250, 330 mm (10, 13")
- Electronic Counter (Labels/ Meters)
- Variable web tension control
- Multi language HMI touch screen
- Electrical supply according to country/customer request (no need of transformers)
- CE conformity certificated, user manual and electrical scheme

SPECIFICATIONS (CONT.)

UNWINDER

- Max. diameter 500 mm (20")
- Pneumatic shaft ID 76mm (3")
- Splice table with pneumatic clamps

SLITTING UNIT

- Equipped with 3 sets of circular knives with lateral adjustment - Can be added more as optional

REWINDING

- 1 interchangeable pneumatic shaft ID 76 mm (3")
- Clockwise/counterclockwise rewinding (labels in/ labels out)
- Max. rewinder Ø 400 mm (16")

OPTIONAL EQUIPMENT

- Additional mandrels in customized sizes
- Additional slitting knives
- Clear on clear sensor
- Electronic web guide system
- QRC (Quick Remote Connection)
- Razor slitting knives
- Waste rewinder
- Work bench

YouTube

SLITTER REWINDER INSPECTION

LEMORAU ICR3

Inspection, Slitter & Rewinder

SPECIFICATIONS

- Maximum speed: 200 m/min (656 ft/min.)
- Web width 350, 450 mm, other sizes (14", 18", other sizes)
- 2 adjustable splice tables with pneumatic clamps
- Electronic Counter (Labels/ Meters/ Rolls/ Total meters and labels Counter / Information of actual diameter)
- 250 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
- Reverse jog
- Air trim removal
- Flag detection sensor
- Multi language HMI touch screen
- Electrical supply according to country/customer request (no need of transformers)
- CE conformity certificated, user manual and electrical scheme

SPECIFICATIONS (CONT.)

UNWINDER

- Servo driven with max. Ø 700 mm (27,5")
- Pneumatic shaft ID 76mm (3")
- Automatic stop at master roll end with programmable end of roll function
- Clockwise/counterclockwise unwinding
- Electronic web guide system with ultrasonic sensor which enables guiding of opaque and clear materials

SLITTING UNIT

- Equipped with 6 sets of circular knives with lateral adjustment - Can be added more as optional
- Razor knives unit - as optional

REWINDING

- Servo driven equipped with 1 interchangeable pneumatic rewinder
- Equipped with 3 air shafts: ID 25, 40, 76mm (1", 1.57", 3")
- Clockwise/counterclockwise rewinding (labels in/ labels out)
- Max. rewinder Ø 500mm (20") using single rewinder / 430mm (17") using double rewinder

OPTIONAL EQUIPMENT

- Additional mandrels in customized sizes
- Additional slitting knives
- Clear on clear sensor
- Double rewinding
- Extra space for inkjet variable data
- Razor slitting knives
- Rewinder unit for defects

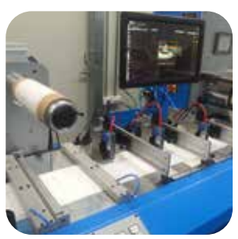
OPTIONAL INSPECTION SYSTEMS

- Missing label detection
- Stroboscope (synchronized with rewinding speed)
- Video inspection

Video Inspection

Missing Label Detection

Double Rewinding


Inkjet printing for variable data

LEMORAU MICR

Modular Inspection, Slitter & Rewinder

SPECIFICATIONS

- Maximum speed: 200 m/min (656 ft/min.)
- Web width 350, 450 mm, other sizes (14", 18", other sizes)
- 2 adjustable splice tables with pneumatic clamps
- Electronic Counter (Labels/ Meters/ Rolls/ Total meters and labels Counter / Information of actual diameter)
- 250 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
- Air trim removal
- Multi language HMI touch screen
- Electrical supply according to country/customer request (no need of transformers)
- CE conformity certificated, user manual and electrical scheme

SPECIFICATIONS (CONT.)

UNWINDER

- Servo driven with max. Ø 1000 mm (40")
- Pneumatic shaft ID 76mm (3")
- Automatic stop at master roll end with programmable end of roll function
- Clockwise/counterclockwise unwinding
- Electronic web guide system with ultrasonic sensor which enables guiding of opaque and clear materials

SLITTING UNIT

- Equipped with 6 sets of circular knives with lateral adjustment - Can be added more as optional
- Razor knives unit - as optional

REWINDING

- Servo driven equipped with 1 interchangeable pneumatic rewinder
- Equipped with 3 air shafts: ID 25, 40, 76mm (1", 1.57", 3")
- Clockwise/counterclockwise rewinding (labels in/ labels out)
- Reverse jog
- Max. rewinder Ø 600mm (24")

OPTIONAL EQUIPMENT

- Additional mandrels in customized sizes
- Additional slitting knives
- Anti-static bar
- Anvil roll with adjustable gap for die cutting unit
- Automatic positioning of slitting knives
- Back scorer unit
- Clear on clear sensor
- Corona treatment
- Die cutting unit
- Double rewinding
- Easy strip waste rewinder
- Extra space for inkjet variable data
- Lamination station (Linerless/ with liner)
- Missing label detection
- Pressure gauges for die cutting unit
- Razor slitting knives
- Rewinder unit for defects
- Right to left configuration
- Turret rewinding
- Waste rewinder unit from unwinder
- Web cleaner
- Video inspection system

YouTube

LEMORAU CR

Slitter & Rewinder

SPECIFICATIONS

- Maximum speed 200 m/min (656 ft/min.)
- Web width 250, 330, 400, 450 mm, other sizes (10, 13, 16, 18", other sizes)
- Electronic Counter (Labels/ Meters/ Rolls/ Total meters and labels Counter / Information of actual diameter)
- 250 Job memory for easy and quick job set ups
- Paper and matrix break detection
- Automatic web tension control system by servo motors - Constant and Taper tension
- Multi language HMI touch screen
- Electrical supply according to country/customer request (no need of transformers)
- CE conformity certificated, user manual and electrical scheme

SPECIFICATIONS (CONT.)

UNWINDER

- Servo driven with max. Ø 700 mm (27,5")
- Pneumatic shaft ID 76mm (3")
- Automatic stop at master roll end with programmable end of roll function
- Clockwise/counterclockwise unwinding
- Adjustable splice table with pneumatic clamps
- Electronic web guide system with ultrasonic sensor which enables guiding of opaque and clear materials

SLITTING UNIT

- Equipped with 6 sets of circular knives with lateral adjustment - Can be added more as optional
- Razor knives unit - as optional

REWINDING

- Servo driven equipped with 1 interchangeable pneumatic rewinder
- Pneumatic shaft ID: 76mm (3")
- Clockwise/counterclockwise rewinding (labels in/ labels out)
- Max. rewinder Ø 600mm (23,7 ") using single rewinder / 350mm (13,8 ") using optional double rewinder

OPTIONAL EQUIPMENT

- Additional mandrels in customized sizes
- Additional slitting knives
- Air trim removal
- Anti-static bar
- Clear on clear sensor
- Double rewinding
- QRC (Quick Remote Connection) - For fast and easy access to the machine remotely
- Razor slitting knives
- Waste rewinder

LEMORAU CRL

In-line Slitter & Rewinder

SPECIFICATIONS

- Maximum speed 100 m/min. (328,08 ft/min.)
- Web width 250, 330, 400 mm, others (10, 13, 16″, others)
- Electronic Counter (Labels/ Meters/ Rolls/ Total meters and labels Counter / Information of actual diameter)
- 250 Job memory for easy and quick job set ups
- Paper and matrix break detection
- Automatic web tension control system by servo motors - Constant and Taper tension
- Air trim removal
- Vacuum table
- Buffer box with electronic sensors
- Foot pedal to jog the machine
- Multi language HMI touch screen
- Electrical supply according to country/customer request (no need of transformers)
- CE conformity certificated, user manual and electrical scheme

SPECIFICATIONS (CONT.)

WASTE REWINDER

- Servo driven penumatic shaft ID 76mm (3")
- Max. waste rewinder Ø 450 mm (18″)

SLITTING UNIT

- Equipped with 6 sets of circular knives with lateral adjustment - Can be added more as optional
- Razor knives unit - as optional

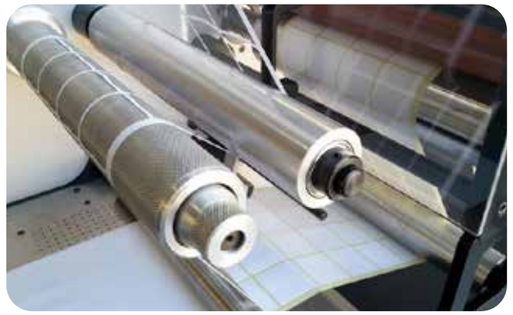
REWINDING

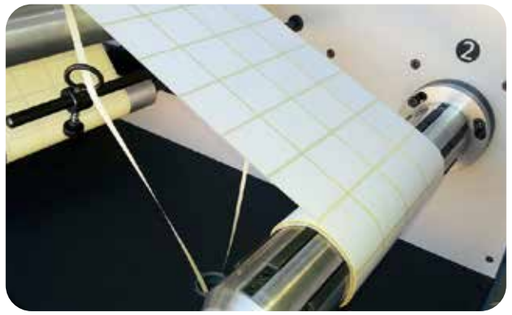
- Servo driven equipped with 2 interchangeable pneumatic rewinders
- Equipped with 6 air shafts: ID 2x25, 2x40, 2x76mm (2x1” , 2x1.57” , 2x3”)
- Semi-automatic rewinding
- Clockwise/counterclockwise rewinding (labels in/ labels out)
- Max. rewinder Ø 450 mm (18″) using single rewinder / 350mm (14 “) using double rewinder

OPTIONAL EQUIPMENT

- Additional mandrels in customized sizes
- Additional slitting knives
- Clear on clear sensor
- Left to right & right to left configuration
- QRC (Quick Remote Connection) - For fast and easy access to the machine remotely
- Razor slitting knives

YouTube





LEMORAU CR1000/1500

Jumbo Slitter Rewinder

SPECIFICATIONS

- Maximum speed 150 m/min. (492ft/min.)
- Web width 1000mm (40″) or 1500mm (59″)
- Electronic counter (Meters/Total meters/Rolls counter)
- 250 Job memory for easy and quick job set ups
- Paper 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
- Pneumatic nip roller
- Multi language HMI touch screen
- Electrical supply according to country/customer request (no need of transformers)
- CE conformity certificated, user manual and electrical scheme

SPECIFICATIONS (CONT.)

UNWINDER

- Servo driven with max. Ø 1000 mm (40") for width 1000mm & 1200 mm (47,2") for width 1500mm
- Pneumatic shaft ID 76mm (3")
- Automatic stop at master roll end with programmable end of roll function
- Clockwise/counterclockwise unwinding

SLITTING UNIT

- Equipped with 12 sets of circular knives - Can be added more as optional
- Razor knives unit - as optional

REWINDING

- Servo driven equipped with 2 pneumatic rewinders
- Pneumatic shafts ID: 76mm (3”)
- Clockwise/counterclockwise rewinding
- Max. rewinder Ø 700 mm (27,5″)

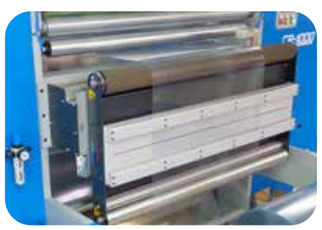
YouTube

OPTIONAL EQUIPMENT

- Additional slitting knives
- Air Drum of 6”
- Air shaft of 6”
- Air trim removal
- Anti-static bar
- Electronic web guide system with ultrasonic sensor which enables guiding of opaque and clear materials
- Friction shafts
- Lay on Rollers
- Razor slitting knives
- Splice table

Friction Shafts

Anti-static bar



Eletronic web guide

CORE CUTTERS ACCESSORIES & CONSUMABLES

LEMORAU CTA 1500

Automatic Core Cutter

SPECIFICATIONS

- Ready to cut core Ø from **25 to 152mm (1" to 6")**
- Simple or multiple cut length from a single parent core (up to 4 different lengths)
- Automatic core length measurement
- User-friendly software
- Multi language HMI touch screen
- Core positioning by servo motor
- Core edge trim function
- Optimized core cuts
- Quick and simple core diameter change
- Total cores counter
- Can cut up to 50 cuts/minute
- Electrical supply according to country/customer request (no need of transformers)
- CE conformity certificated, user manual and electrical scheme

SPECIFICATIONS (CONT.)

CORE DIAMETERS

- Standard: 40, 50, 76 mm (1.57”, 2”, 3”)
- Other diameters upon request

EQUIPED WITH

- 1 blade
- Core attachement with 3 diameters in one piece: 40, 50, 76 mm (1.57”, 2”, 3”)
- 3 nylon sleeves ID: 40, 50, 76 mm (1.57”, 2”, 3”)

OPTIONAL EQUIPMENT

- Additional core diameters from 25mm (1") up to 152 mm (6")
- QRC (Quick Remote Connection) - For fast and easy access to the machine remotely
- Thickness pack (allows to cut up to 15 mm core thickness)
- Plastic core cutting
- 2 meters core length

YouTube

LEMORAU CT 1500

Manual Core Cutter

SPECIFICATIONS

- Ready to cut core Ø from **25 to 152mm (1" to 6")**
- **Standard core diameters:** 40, 50, 76 mm (1.57”, 2”, 3”)
- Maximum core length up to 1500 mm (59”)
- Maximum measured cut length 330 mm (13”)
- Maximum wall thickness 6 mm (0.23”) cardboard
- Dual-hand control for operator safety
- Electrical supply according to country/customer request (no need of transformers)
- CE conformity certificated, user manual and electrical scheme
- **Equiped with:** 1 blade & 3 nylon sleeves ID: 40, 50, 76 mm (1.57”, 2”, 3”)

YouTube

OPTIONAL EQUIPMENT

- Additional core diameters up to 152 mm (6 in)
- Max. measured cut length 800 mm (31.4”)
- 2 meters core length

LEMORAU RA

Label Rewinder

SPECIFICATIONS

- Web width 250 mm (10”)
- 2 interchangeable pneumatic shafts ID 76mm (3”) in vertical position
- **Unwinder** max. diameter 450 mm (18”)
- **Rewinder** max. diameter 450 mm (18”)
- Label counter & Meter counter
- Tension Control
- Max speed up to 100 m/min (328 ft/min.) depending on the roll diameter of the rewinder
- Rolls max. weight 40 kg (88 lbs)
- CE conformity certificated and user manual

YouTube

OPTIONAL EQUIPMENT

- Additional mandrels in customized sizes
- Variable data inkjet printing system - 1 printhead with 1 cartridge
- Max linear speed up to 100 m/min (328 ft/min.)

LEMORAU ER 400

Roll Lifter

SPECIFICATIONS

- Available working heights- 900, 1300, 1500, 2000 mm (35.4", 51", 59", 78.7″)
- Rolls up to 150 or 250 Kg (331 or 551 lbs)
- For standard 2000 linear meters (6562 ft) rolls and others
- Rolls width up to 400 or 620 mm (16 or 24.4″)
- Core ID 76 mm (3″)
- Smooth and easy operation and manoeuvrability
- CE conformity certificated and user manual

OPTIONAL EQUIPMENT

- Rolls weight, width and working height customised according to customer's needs

CONSUMABLES

For all Lemorau Machines

Magnetic Cylinders

Circular Knives

Flexible Dies

Printing Cylinders

Anilox Rollers

UV Curing Lamps

Doctor Blades

ONLINE SERVICES, CUSTOMER SUPPORT

WHY CHOOSE LEMORAU?

State of the art facilities with 2500 m^2. With a Technology Center open for visits with our machines on display for demos and tests as well. A family owned company with more than 35 years of experience and well known for the flexibility of customising the machines according to customers' needs. Always updated to the latest technologies.

OUR MACHINES FIT TO YOU, NOT YOU TO THEM!

Every Lemorau machine is customized according to the customer's needs and each customer is treated as unique. We are known to be more than just a supplier. Our flexibility and adaptable approach is possible by having our own development, mechanical design and automation teams. Building and all tests are done in-house as well.

ONLINE SERVICES AND ASSISTANCE

Our goal is to offer our customers the best after-sales support possible. We have spare parts service available online on our website. The customer can find and order spare parts suitable for his/her Lemorau machine in a few seconds. The delivery is fast due to large stock. We also have available on our website technical assistance. Customers can send a message by a ticket system for a faster response.

AFTER SALES AND TRAINING

HIGH QUALIFIED DELIVERY

We care about your machine delivery process. When your machine is ready, we take care of all necessary procedures in order for you to receive the machine at your facilities quickly and in the safest possibly way. Customers also have the choice to use their transportation account if they provide one. In this case we just proceed with the packing.

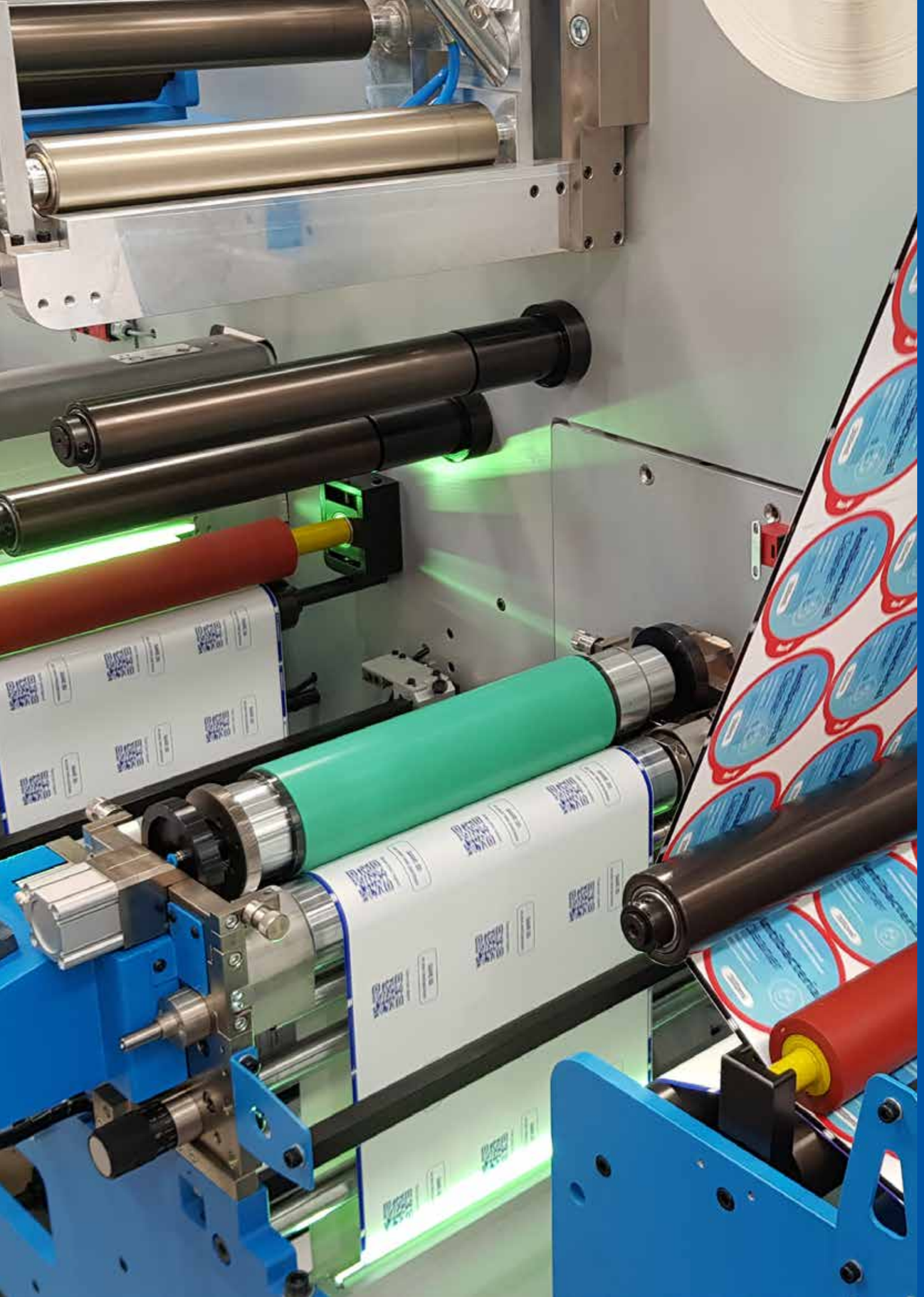
IN-HOUSE AUTOMATION & MECHANICAL DESIGN

Lemorau can support remotely by internet connection available in our machines, by phone, by skype or at customers' facilities. We also provide training at Lemorau's or customer facilities for the operators to achieve a successful machine operation. Due to a very straightforward software our machines are user-friendly and one can operate them in no time.

WE STAY CONNECTED

Lemorau is always connected worldwide with customers, prospects and partners through webinars, webconfrences, live demos and live FATs. We also have a very strong presence in social media such as LinkedIn, Twitter, YouTube and Facebook. We are very approachable and is easy to get in touch with us. We continue participating on exhibitions and our facilities are open for visits as well. You are welcome to visit us!

YouTube



TESTIMONIALS

“I purchase an EBR+ rotary/semi-rotary die cutter a year ago, originally was looking for finisher for digital labels, this was a perfect fit at a great price, we also use it to die cut thermal transfers or as simple rewinder, excellent machine! Couldn’t ask for something better. This is my second acquire from the Lemorau team, Semiautomatic core cutter excellent concept. Thank You Guys!”
Mr. Carlos Rivera
E LABELS - California, USA

“From the first contact, through the installation, and to the first run, Lemorau had assisted us in the best way possible. The Lemorau MEBR+ does what it promises and runs as smoothly as expected. It is built with a great focus on quality and simple handling. This equipment will help us to fulfill the needs of our customers".
Mr. Liyan Liong-A-San
PROPRINT - Suriname

“I could not be happier with my MEBR+ It has saved us so much time over our old digital cutters. I had absolutely no previous experience with die cutters that required dies and arranged to have Paulo on site for 4 days even after I was told he would only need 2 days for the training. Lemorau was correct we cut all the work I had saved for the training in 2 days. After about 2 weeks of use I felt like I had been using it for years. Very simple and efficient.
Mr. Frank Harro
Professional Business Supplies - PA, USA

” We are totally delighted with it. Up and running!”
Mr. Simon Pugh
QLM Label Makers - Vietnam

” We are delighted with the choice of the machine CTA 1500 that helps us to optimize our production process further. I would like to thank the entire team at Lemorau, and especially Natália Lopes for amazing support throughout the purchase and installation process.”
Mr. Lyubomir Zombori
DARS Printing House - Bulgaria

“Thanks to ICR3 inspection and finishing machine previously acquired from Lemorau, our customers are very satisfied with the quality of our products. Increased responsiveness, good customer service, good product quality and, above all, the confidence placed in us, has made us invest again for more responsiveness and customer satisfaction.”
Tarik Elhariry
KT SYS - Morocco

“Lemorau has been a great partner for eight years. It is, in our opinion, the best player in the market for quality to price ratio.”
Mr. Rui Fonseca
ALTRONIX - Portugal

“I am truly glad we picked Lemorau. We are happy with the performance of the MEBR, which has exceeded our expectations. Moreover, we value the service and the attention we have received from the brand. I can easily recommend the MEBR and I recommend Lemorau, as the staff puts an extra effort to serve its customers in the best way possible.”
Mr. Manuel Martin
3 IMPRESORES - Spain

1987 - 2022

Litho mecanica ltd

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