

SMART SOLUTIONS FOR THE LABELING INDUSTRY

LEO - MULTI-HEAD PLOTTER KNIFE CUTTING SYSTEM



Compact Footprint, Complete Workflow

Designed for the most demanding digital label finishing workflows, this multi-head blade cutting system delivers unmatched flexibility, speed, and precision.

In one seamless workflow, LEO laminates, cuts, removes waste, slits, and rewinds — producing finished label rolls ready to use straight out of the machine.

SPEED

**up to
9m/min**



Engineered with modularity and scalability in mind, this advanced unit uses multiple independent plotting heads to perform complex contour cuts without the need for traditional dies—making it ideal for short to medium runs, frequent job changes, and personalized or variable designs.

Whether you're cutting paper, PET, PP, or specialty films, this system brings next-generation automation and accuracy into your production line—enhancing output, reducing costs, and shortening turnaround times.

✓ **Adaptability to Various Substrates**

✓ **Cost-Effective for Short Runs**

✓ **Energy-efficient operation with just 1kw power consumption**

✓ **No Dies Required**

✓ **Reduced Downtime**

LEO CUTTING MANAGER

Leo is equipped with a camera used to detect the black-mark printed on the media.

This innovative and smart cutting management software allows the operator to easily adjust the work speed and the settings for fabulous cutting, time optimization and less materials waste which in turn = **greater profits**.

LEO - CONFIGURATION TABLE (example code: LEO110)

Model	Laminate Liner Rewinder	Second Rewinder shaft
LEO1 <i>From 100mm (3.94") up to 250mm (9.84") 2 heads drag knife plotter</i>	0 <i>None (retrofit possible)</i>	0 <i>None (retrofit possible)</i>
LEO2 <i>From 100mm (3.94") up to 350mm (13.78") 4 heads drag knife plotter</i>	1 Yes	1 Yes

SPECIFICATIONS

Input roll diameter	500mm (19.68")
Finished Roll Diameter	300mm (11.81")
Web Width	250mm (9.84") / 350mm (13.78")
Maximum Cutting Width	220mm (8.66") / 330mm (13")
Maximum Label Length	500mm (19.68")
Cutting Technology	2 or 4 heads drag knife plotter
Second Rewinding Shaft	Optional
Laminate / Laminate Liner Rewinder	Included / Optional
Media Type Allowed	Paper and films
Roll core size	Pneumatic 76mm (3") fixed
Power Requirements	100-240V~1Kw, 50/60Hz