

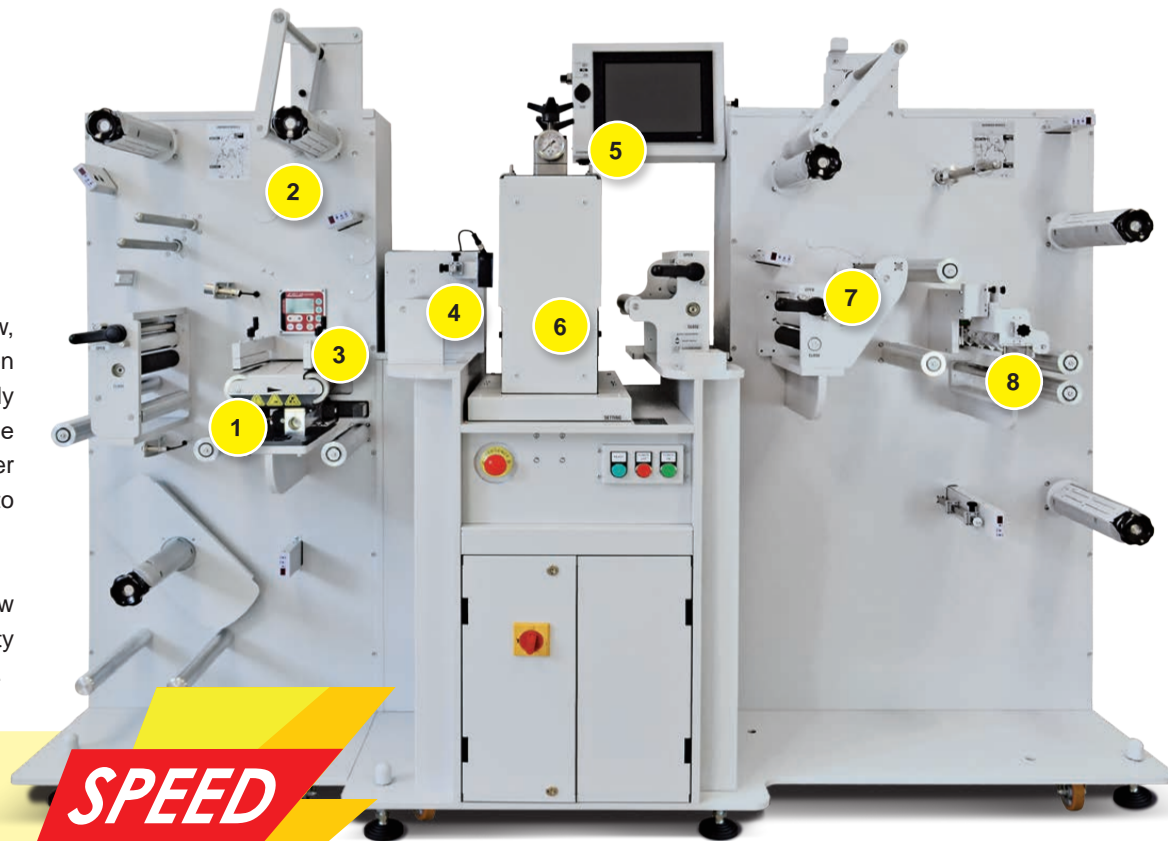
High Capacity Finishing

Based on a fully digital workflow, Aries is equipped with a touchscreen PC interface where users can easily control job settings and the flexible magnetic die plate make changeover simple by quickly snapping into place.

High performance cut speeds allow users to rapidly produce high-quality finished labels in-house, with ease.

*In a single pass this finishing machine is capable of **laminating, die cutting, waste removal, slitting and rewinding** finished labels onto new rolls that are ready for application.*

SPEED
30 m/min



1. Splice table
2. Cold laminating
3. Web guide
4. Black-mark sensor

5. Integrated TouchScreen PC
6. Rotary module
7. Matrix removal module
8. Slitting

START

STOP

PAUSE

SET OFF ROTARY MODULE

?

⚙️

-

✖

Stopwatch

REPORT

FORWARD MEDIA >>

SPEED

25%

50%

75%

100%

COPIES

☒ Unlimited

RESET

☐ Preset quantity

of 1

WARNING:

CUT ABILITY

Working mode: PRINTED ROLL

Diecut length: ? 140mm

Gap between layouts: + - 0,5mm

OFFSET ADJUSTMENT

Quick and easy system to adjust the cut over the printed artwork.



WHY ARIES?

Printed & Unprinted media mode

Optimal for short / medium / long runs

Producing full bleed labels will no longer be a nightmare.

Laminating adds durability to your labels and eliminates the need for special media.

Industrial production volumes

ARIES CUTTING MANAGER

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**.

SMART SOLUTIONS FOR THE LABELING INDUSTRY

ARIES – SEMI-ROTARY LABEL FINISHING MACHINE



With the increasing demand for “in-house labels”, print houses are realizing the need for all-inclusive workflow systems that provide value-add features for producing fully finished labels.

This compact finishing machine gives the ability to load large rolls of media, which drastically reduces stock cost from converters and greatly simplifies operations by avoiding frequent changeover of rolls.

The rotary module offers a magnetic cylinder equipped with four thorns used to quickly swap and easily align the flexible steel dies, while the whole module is moved electronically to provide an accurate offset adjustment.

TECHNICAL SPECIFICATIONS

Part number	ARS25PL	ARS35PL
Semi-Rotary Speed	Up to 30m/min	Up to 30m/min
Web Width	Up to 250mm (9.84")	Up to 350mm (13.78")
Input Roll Diameter	500mm (19.68")	
Core Holder	Mechanical (3")	Pneumatic (3")
Laminate	Economical, self-wound and supported laminate (on a liner).	
UV Varnish module	YES	YES
Die Head Lateral adjustment	+/- 25mm	
Max. Diecutting Width	230mm (9")	330mm (13")
Max. Diecutting Length	360mm (14.17")	
Cutting Dies	Flexible steel, from 130mm (5.11") to 360mm (14.17")	
Magnetic cylinder	18" - Z144 mod. 1/8	
Registration Sensor / Mark	Laser / 4mm x 4mm (0.16" x 0.16")	
Max. Finished Label Rewind	400mm (15.75")	
Max. Waste Matrix Rewind	300mm (11.81")	
Minimum Slitting Width	19mm (0.75")	
Number of slitting blades	up to 12	up to 15
Dimensions	L: 283cm (111.5") W: 72cm (28.35") H: 165cm (65")	L: 283cm (111.5") W: 100cm (39.37") H: 165cm (65")
Power	100-240V~1Kw, 50/60Hz	



TOUCHSCREEN

Aries supports both printed and unprinted rolls of media while the on-board 10" touchscreen, powered by Win10 Pro, gives the ability to connect the system remotely.

MEDIA TENSION CONTROLLER

Each core holder is managed by its own controller designed to set the required media tension. The unit does a great job keeping that tension constant even if the roll diameter varies during the job.



WEB GUIDE

As standard, the unit features a web guide to guarantee the media path straight through the unit.



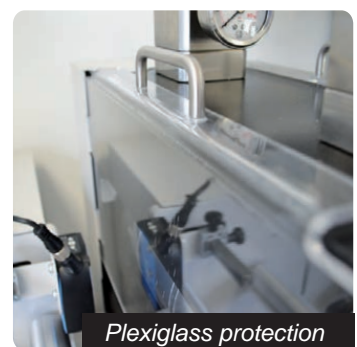
Splice table



Slitter module



Matrix remover

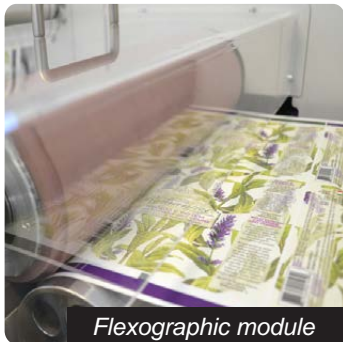


Plexiglass protection

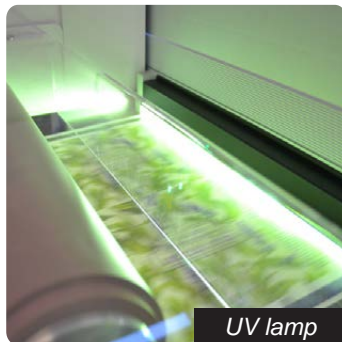
Higher level of finishing for your labels!

The UV varnish module is an accessory available for Aries; it is a flexographic unit equipped with an anylox cylinder capable of depositing 3.5 grams of varnish per square meter with a semi-gloss finishing (it is possible to order the anylox cylinder with customised finishing specifications).

Installed in-line to the laser finishing system, the power of the UV lamp is automatically adjusted according to the laser cutting speed and when the media stops inside it, the protective shutter immediately intervenes.



Flexographic module



UV lamp

TECHNICAL SPECIFICATIONS

Media width	330mm (13")
Printing width	up to 320mm (12.60")
Media type	Paper, Plastic Films
Installed lamp	Mercury UV
Lamp model	UV Ray from 160W to cm
Lamp warranty	1000 hours
Power supply	400 VAC three-phase 50/60 Hz
Total absorption	7Kw
Compressed Air	6Bar
Accessories Included	Fume Extractor

ULTRA PERFORMANCE

The UV varnish station is available for the Aries models, easy to use, it allows an alternative media protection to the classic cold lamination to offer a superior finishing level.

