High Capacity Finishing

Aries is an offline system designed to die cut and finish labels up to 30m/minute. Equipped with a solid rotary module installed on a 15mm aluminum frame, it eliminates vibrations during the web driving while producing labels at lightning speeds!

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
*depending on the die plate length

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 | ? | ⚙ | _ | X |

PAUSE PRINTER

7	8	9	AC
Stopwatch	REPORT	FORWARD MEDIA >>	4	5	6
SPEED			1	2	3	C
25%	50%	75%	100%	0	.

COPIES
- Unlimited   RESET
- Preset quantity   of   1

WARNING:

CUT ABILITY
Working mode: PRINTED ROLL
Diecut length: ?   140mm
Gap between layouts: +   −   0,5mm

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**.

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 – SEMI-ROTARY LABEL FINISHING MACHINE

RoHS COMPLIANT 2002/95/EC   CE

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.

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.

ULTRASONIC TENSION CONTROL

Each core is managed by its own tension media control to automatically adjust the media tension on the roll, regardless its diameter.
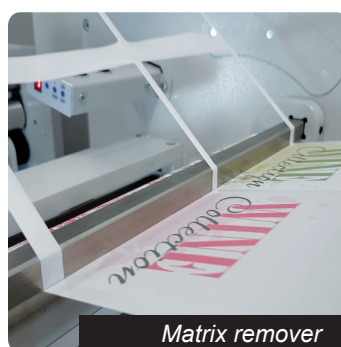

TECHNICAL SPECIFICATIONS

Part number	ARS25PL	ARS35PL
Semi-Rotary Speed	Up to 30m/min*	Up to 30m/min*
Web Width	Up to 250mm (10")	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	+/- 60mm	
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")	
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 18
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	100-240V~1Kw, 50/60Hz

Speed may vary depending the die length)

WEB GUIDE

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

Splice table

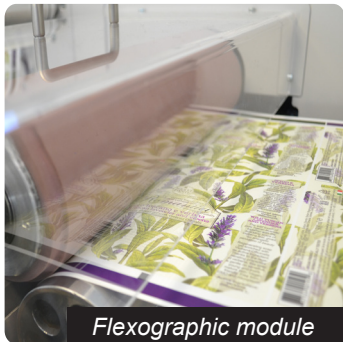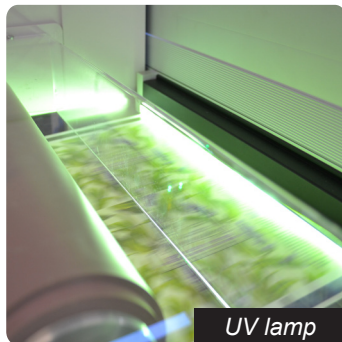*Slitter module*

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.