

THE MRV I/O

The perfect solution for superior printing, exceptional diecutting and waste removal on the most difficult configuration of corrugated boxes!

The CUIR MRV is configured with a simple, safe and accurate feed section. (how can you imagine to make a right box if at the entrance, the board is not launched perfectly?). No pressure roll which equates to zero crush of the substrate. A series of vacuum belts transport the substrate through the entire printing process. Our more than 50 years of experience certainly is reflected in this outstanding machine.

The MRV is capable of being configured for inside and outside flexo printing. Supplying the right ink volume and its distribution utilizing Watson Marlow peristaltic pumps, Absolute Carbon fiber Chamber Dr Blades and Pamarco anilox rolls. Operating with Standard, variable stereo plate thickness will allow you to print solid blocks to the finest lines of text. Register in between colors is +/- 0,5mm (0.025") thanks to re-register in between units.

From the last printing unit to the die-cutting section, acceleration of the board will bring the blank at the correct speed. In case of litho-laminated sheets, the cell reads the board and cut is perfect also!

One dieboard with knives, bellows and suction cups ensure the quality of the final boxes, with waste and scrap extraction by way of adjustable vacuum away from the machine. In the cut process, no less than 30 tons will get rid of any strong board from G flute to double wall with no setting adjustment.

At the exit, multiple outs perfectly stacked and will be delivered on belts conveyor before being collected.

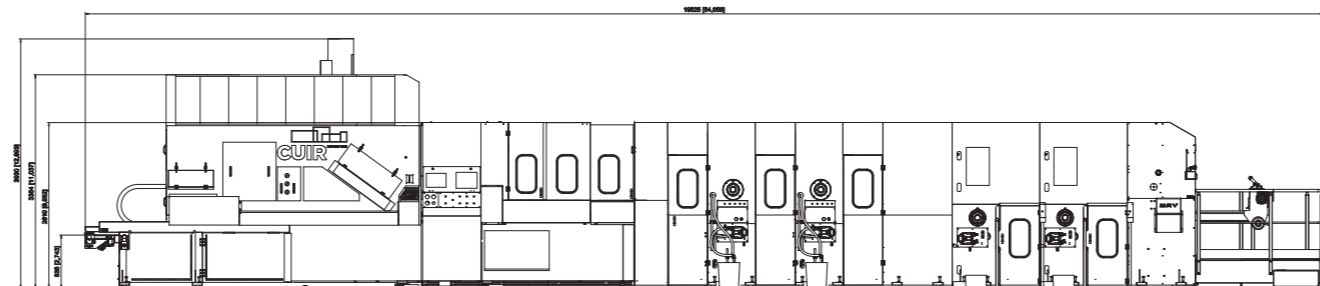
You want more, valuable options can be installed:

- Top, bottom or both side dust removal at the feeder
- 12 kgs (20lbs.) carbon fiber anilox with ultra fast change to increase range of inking capacities
- Centralized and automatic inking system washing solution
- IR or UV driers (JB Machinery is CUIR's preferred supplier)
- 2, 3, 4, 5... you are not so sure of number of units you need, don't worry, we can add additional units at a later date.

All CUIR machines are 100% French made, a quality insurance for today, tomorrow and the coming decades.

Shipped worldwide in regular 40' containers with CUIR technicians or partners available anywhere, you can start to sell boxes, we will be there to help you make them as your clients deserve it!

DIMENSIONS OF VERSIONS



Here are some samples of version, each MRV is fully specified by the customer

	Inside Printing Unit	Outside Printing Unit	Total length in mm and in inches	
			mm	inches
MRV 2 COLORS	0	2	15,666	616
MRV 3 COLORS	1	2	17,048	671
MRV 4 COLORS	2	2	18,430	725
MRV 5 COLORS	2	3	19,812	780
Additional inside printing unit length			1,382	54
Additional outside printing unit length			1,382	54



Listening to you
A hotline made up of experts, with internet connection which allows initial diagnosis and remote troubleshooting



At your service
A team of specialists in mechanics or automation ready to intervene and provide rapid and effective solutions



Innovation
A technological watch makes it possible to propose new solutions, mechanical or electronic upgrades



Spare parts
Sale and delivery of original spare parts. A large stock of essential parts to guarantee the durability of the equipment



Guarantee of longevity
Each machine benefits from upgrades and retrofits, either mechanical, hardware or software to ensure performance and longevity



Address & contact

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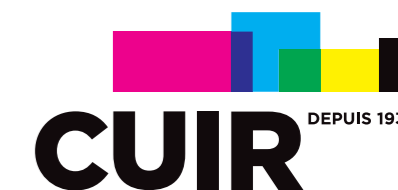
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MADE IN FRANCE



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CONVERTING
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MANUFACTURER
Technology | Innovation | Reliability



THE MRV I/O

Flat bed die cutter with flexo high graphics independent bottom and top printing units



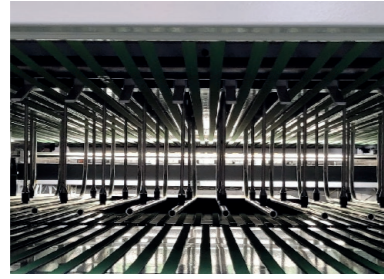
UP TO
4 000 s/h
FROM
0 to 8 colors

BOARD SIZE
MINI
550x500mm
(21.65x19.68")

BOARD SIZE
MAXI
1300x1680mm
(51.18x66.14")

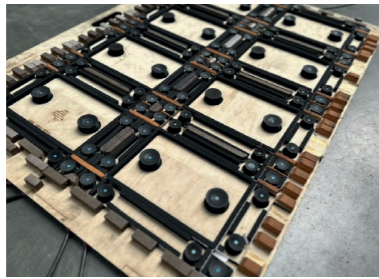
BOARD
THICKNESS FROM
0.9 à 7mm
(0.035 to 0.27")

Delivery
Belts conveyor brings the multi-outs, stacked in pile, without nix.



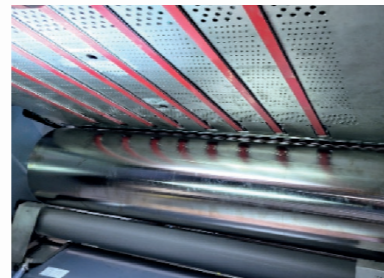
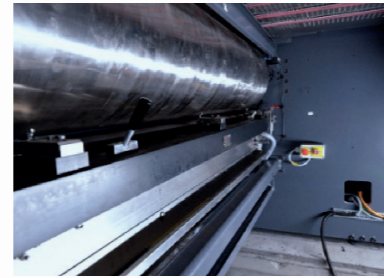
Diecut Section

The Rotaplatine process from CUIR allows nice shaped boxes, cut in between a die with knives, suction cups and foam for the waste. Pressure at the cutting line is more than 30tons. No matter the board thickness.



Inside Printing Unit

The first printing units are for the inside, they all use ChamberDrBlades from Absolute and Anilox rolls from Pamarco, as the outside groups. Peristaltic pumps allow a perfect ink flow in the chamber. Combining belt transfers with vacuum ensures no damage to the board.



Stripping Unit
Large fans will collect and eject the waste laterally from the machine at different speed according to waste's volume.



Outside Printing Unit

For all printing units, variable printing plate thickness is standard. Production settings are memorized for each job and easy to call back. Pivoting transfer brings proper access to the ChamberDrBlade and easy installation of the printing plates.



The Feeder

For more than 40 years, CUIR supply one of the best roll feeder in the corrugated business. From G to BC flute, warped board will benefit vacuum full-width of rolls.

