

EVOLUTION

Productivity and affordability



ESPERIENCE,
QUALITY AND
SERVICE



FAST SET-UP
WITH A3P



SPEED UP
A 500 MT/MIN



Especially designed to match industry's large repeat requires the **EVOLUTION** is a gearless CI model whose no-compromise design, high level of automatism, high speed, quick changes, aim at enhancing the production output as well as the rentability of the investment, by containing the the production cost, the material waist and the power consumption.

TECNICAL SPECIFICATIONS

Type:	1104 – 1106 – 1108 – 1110
Number of colours:	4 – 6 – 8 – 10
Printing width max. mm:	From 800 to 1600
Material width max. mm:	From 850 to 1650
Printing repeat mm:	From 320 to 1100
Printing speed up to:	400 mt/’
Optional:	Printing speed up to 500 mt/’

Type HD: 1204 – 1206 – 1208 – 1210
Number of colours: 4 – 6 – 8 – 10
Printing width max. mm: From 800 to 1600
Material width max. mm: From 850 to 1650
Printing repeat mm: From 320 to 1250
Printing speed up to: 400 mt/’
Optional: Printing speed up to 500 mt/’

A3P - Automatic Print Position Preset

The automatic printing pressure pre-setting system at machine start has been developed by Expert to allow the operator to achieve, in a very short time and minimum material waste, correct printing pressure.

The system is completely automatic and works with machine stopped.
The software calculates the most proper anilox and printing cylinder positions.
Once ready, the machine starts running with printing sleeves in optimal positions.
Accuracy is granted by very high precision linear guides for the printing decks and accurate software developed specially for this application.

A-C System

A-C SYSTEM, Automatic equipment for ink (solvent or water based) circulation and cleaning on flexo printing

units with closed chamber doctor blade inking.

Inkflow-C14

The system is self-cleaning and doesn't need operator maintenance at the end of the job.

Racla Tools-less

“NO TOOL” system to change the blades and side seals in the machine without the use of tools. The doctor blade system is mounted on sliding blocks in order to control the pressure on the anilox roller sleeve. The alignment and pressure set up of the blades against the anilox roller sleeve are obtained thru screws and a pneumatic system. The pressure regulation of the doctor blade onto the anilox roller can be made pneumatically and also mechanically, in order to avoid overpressure and therefore high consumption of the blades.

Sleeve change with manual support opening

Sleeve change is very quickly, easily and completely tool-less. The clamping system of the mandrel, on the front side, is opened and closed manually for the sleeve change

Central drum cleaning

The central drum cleaning is extremely simple thanks to the ease of access. If it is necessary to clean the drum, is sufficient to remove the central ink trays, disconnect the drying box air ducts (internal and / or external), unlock it by a knob and open the box.