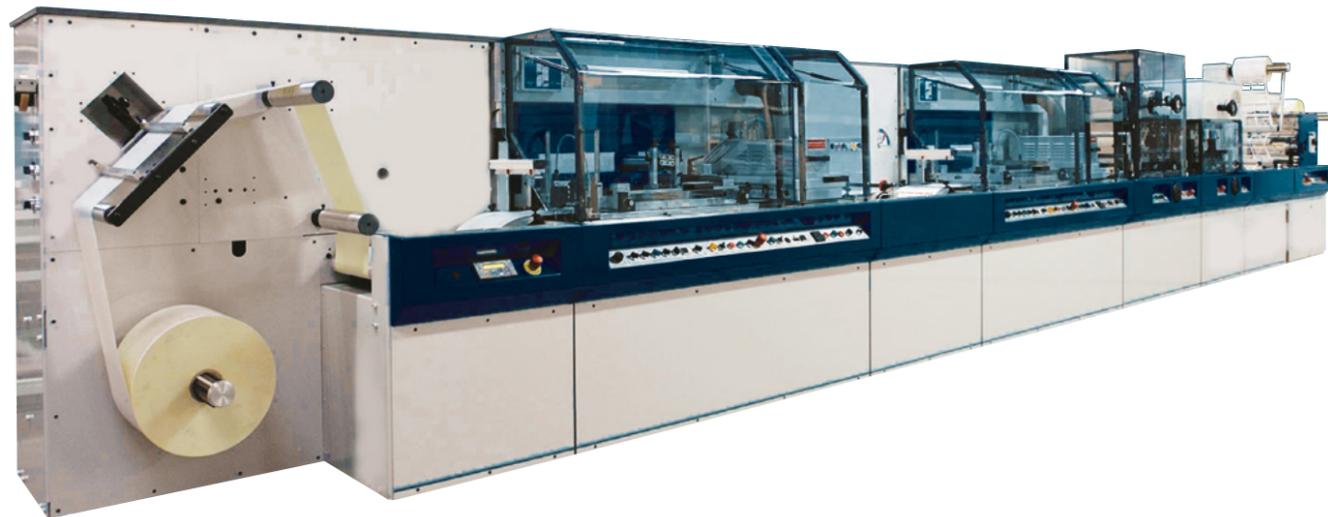


GALAXIE CLASSIC

Roll-to-roll flatbed screen printing press



Technical specifications

Functions	Multiprocess screen Printing Platform
Modularity	• full
Minimum web width	50 mm
Maximum web width available	270 / 350 mm
Minimum web thickness	30 microns
Maximum web thickness	250 microns
Standard unwind diameter (others as option)	900 mm
Corona treatment : option	•
Web cleaner : option	•
Standard diameter rewinder (others as option)	500 mm (1 shaft) / 300 mm (2 shafts)
Flexo printing cylinder sizes available	from 12" to 24"
Varnishing cylinder stop in the gap between two labels	•
Standard laminating / cold foil unwind diameter	400 mm
Maximum silkscreen printing format (width X length)	340 mm x 340 mm / 340 x 450 mm / 340 x 600 mm
Maximum format flatbed embossing and hot stamping (width X length)	330 mm x 330 mm (30% max. of the surface)
Die cutting cylinder sizes available in rotary or semi rotary mode	de 12" à 25,5"
Waste roll maximum diameter	650 mm
Maximum speed flexo full rotary (mechanical)	17 m/min
Maximum speed flexo semi-rotary mode up to (according ratio between the plate length and cylinder repeat)	17 m/min
Maximum speed flatbed hot stamping HGV (according to plates length and foil quality)	17 m/min
Maximum speed flatbed embossing EGV (according plates length and substrate)	17 m/min
Maximum speed flatbed silkscreen printing (according to printing stroke length and ink)	17 m/min
Maximum speed semi-rotary die cutting mode up to (according to ratio between the plate length and cylinder repeat)	17 m/min
Pressure gauge for rotary/semi rotary die station : standard	•
Gap die adjustment for rotary/semi rotary die station: option	•
Maximum speed flatbed die cutting station type DGV (according to plates length and die shape)	17 m/min
Variable data printing with inkjet technology	•
UV/LED drying : standard UV	•
Hot air / IR drying : option	•
Slitting process	Shear knives, Razor blades, underscoring
Registration length accuracy (machine & each module)	+/- 0,05 mm



The **Galaxie Classic** reel-to-reel screen printing press was launched on the market in 1995 at the Label'Expo Europe trade show. To date, over 800 machines of this type have been installed on all five continents.

The first generations of Galaxie are still in production with our customers. This tried-and-tested mature machine is recognized as the benchmark for high-value labels in the luxury, perfume, spirits and industrial sectors, where print quality and durability are essential.

Flatbed screen printing process and **GALAXIE CLASSIC**

Advantages of screen printing over other printing techniques

- High ink resistance: mechanical (friction), chemical and light.
- Extremely high opacity,
- Very high ink deposit,
- Sensory and tactile effects,
- Special ink applications such as thermocromic and conductive inks...

Modules available on Galaxie Classic

- Screen printing with UV, Infrared and hot-air dryers,
- Semi-rotary flexographic printing,
- Inkjet printing,
- And all in-line finishing modules: foiling, embossing, laminating, die-cutting, waste rewinding, slitting, rewinding....

Advantages of the Galaxie Classic

- Extremely high register tolerance in single and multi-pass operation,
- Low waste during makeready and printing,
- Total modularity, possibility of constant upgrading,
- A wide range of widths and formats,
- User-friendly.

