

TECHNICAL SPECIFICATIONS • ICONVERT

Minimum / maximum web width	100 / 350-450-530 mm
Minimum / maximum web thickness	30 / 250 microns
Unwinder / rewinder diameter (others as option)	800 / 500 mm (2 shafts)
Corona treatment and web cleaner	Option ●
Flexo printing cylinder sizes	from 12" to 24" (25,5" 530 mm)
Varnishing cylinder stop in the gap between 2 labels	●
Standard laminating and cold foil unwinder / rewinder diameter	400 mm
Die cutting cylinder sizes available in rotary or semi-rotary mode	from 12" to 25,5"
Waste roll maximum diameter	650 mm
Maximum speed flexo full rotary mechanical or servo with automatic registration control *	150 mt/min
Maximum speed flexo semi-rotary servo with automatic registration control *	60 mt/min
Maximum speed full mechanical rotary die cutting mode *	200 mt/min
Maximum speed full servo rotary die cutting mode (with automatic registration control) *	150 mt/min
Maximum speed servo semi-rotary die cutting mode (with automatic registration control) *	70 mt/min
Maximum speed flatbed die cutting station type DGV *	50 mt/min
Flexo printing on the glue process	Option ●
Inspection system with BST Nyquist, AVT, or other systems	Option ●
Inkjet variable data printing	Option ●
UV/LED curing and IR/hot air drying systems	Option (UV std) ●
Slitting processes:	●
shear knives, razor blades, crush knives, underscoring	
Automatic shear knives positioning set-up	Option ●
Registration length accuracy (machine & each module)	+/- 0,125 mm
Twin labels, coupons, and leaflet insertion modules	Option ●
Pre-register gap to gap	●
Industry 4.0	●

* Speed according to process, repeat size, die matrix, substrates, inks ...



ICON LINE MULTI-PROCESS PLATFORM
FOR POST-PRINTING CONVERTING AND FINISHING

ICON LINE MULTI-PROCESS PLATFORM ICONVERT FOR POST-PRINTING CONVERTING AND FINISHING

The ICONVERT line is the new solution for labels converting and finishing from the ICON multi-process platform range, and integrates a large choice of modules to answer the needs of different markets applications, completely servo-driven and independent for repeat length printing as well as registration.

- Compact and large **unwinder** versions with 3 diameters available (850 / 1000 / 1200 mm).
- **Flexo unit** in full rotary, servo full rotary and full servo semi rotary versions.
- **UV/LED curing** and **IR/hot air drying** systems.
- **Lamination and cold foil**.
- **Twin labels or coupons** module and leaflet insertion module.



- **Inkjet printing** unit with UV or LED curing.
- **Marking** and front / back serial numbering modules.
- Viewing, control and 100% **inspection** with a large range of camera systems.
- **Die cutting** unit in servo full **rotary** or **semi-rotary** version, or **flat bed** die cutting DGV version.
- Pressure gauge for rotary and semi-rotary die cutting unit.
- **Automatic variable gap** system for rotary and semi-rotary die cutting unit.
- **Waste matrix** rewinding.

ICON LINE MULTI-PROCESS PLATFORM ICONVERT FOR POST-PRINTING CONVERTING AND FINISHING

The ICONVERT line is dedicated to post-printing converting and can be used off line or in line with digital printing presses. The platform is also modular and compatible for retrofit with all the modules from the ICONVERT and ICONTROL lines.

Slitting unit with multiple solutions:

- Interchangeable shear knives or razor blades cassette.
- Crush knives.
- Underscoring for trim edges.
- Automatic shear knives positioning set-up.

- **Rewinding** unit with 1 or 2 shafts to rewind reels alternatively or simultaneously.
- **Semi-automatic turret** rewinder 2 shafts.
- **Non stop** rewinder 2 shafts and 4 shafts.
- **Gearless fan Folder**: repeat size from 7" to 14".
- **Sheeter** with conveyor: repeat size from 100 to 500 mm.