

TECHNICAL SPECIFICATIONS • ICONCEPT

Minimum / maximum web width	100 / 350 mm
Minimum / maximum web thickness	30 / 250 microns
Unwinder / rewinder diameter (others as option)	800 mm / 500 mm (2 shafts)
Flexo printing cylinder sizes	from 12" to 24"
Standard laminating and cold foil unwinder / rewinder diameter	400 mm
Maximum silkscreen printing format (width x length)	340 x 340 mm
Maximum format semi-rotary hot stamping (width x length)	330 x 230 mm
Maximum format flatbed embossing and hot stamping (width x length)	330 x 330 mm (max. 40% of the surface)
Maximum format flatbed embossing and hot stamping with the rotary head in cross foiling position (width x length)	330 x 240 mm (max. 40% of the surface)
Flat bed hot stamping, embossing and die cutting stations pressure	50 Tons
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 mode (with automatic registration control) *	60 mt/min
Maximum speed flatbed hot stamping HGV *	45 mt/min
Maximum speed flatbed embossing EGV *	50 mt/min
Maximum speed flatbed silkscreen printing SP station *	25 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
Multi-size in line sheeter: min. format and max. format	from 100 mm to 500 mm
Registration length accuracy (machine & each module)	+/- 0,125 mm
Zero waste program	•
Industry 4.0	•

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




ICON LINE MULTI-PROCESS PLATFORM
FOR ADDED VALUE LABELS PRINTING AND CONVERTING



ICON LINE MULTI-PROCESS PLATFORM ICONCEPT FOR ADDED VALUE LABELS PRINTING AND CONVERTING

The ICONCEPT line is the most advanced model of the ICON multi-process platform range for added value labels printing and converting, and integrates a large choice of modules completely servo-driven and independent for repeat length printing as well as registration.

The ICONCEPT line is the new multi-process platform to print and convert high-end added value adhesive labels as it can combine every module to answer the needs of different markets applications. The platform is also modular and compatible for retrofit with all the modules from the ICONVERT and ICONTROL lines.

CONVERTING AND FINISHING PROCESSES

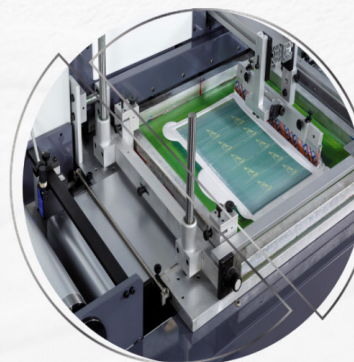
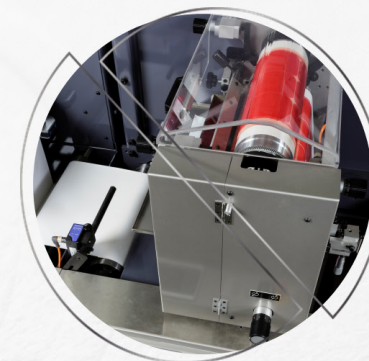
- Compact and large unwinder versions with 3 diameters available (850 / 1000 / 1200 mm).
- Die cutting unit in servo full or semi-rotary version, or flat bed die cutting DGV version.
- Waste matrix rewinding with pressure arm.
- Viewing, control and 100% inspection with a large range of camera systems.
- Twin labels or coupons module and leaflet insertion module.
- Slitting unit with 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
- Gearless fan Folder: repeat size from 7" to 14".
- Sheeter with conveyor: repeat size from 100 to 500 mm.



ICON LINE MULTI-PROCESS PLATFORM ICONCEPT FOR ADDED VALUE LABELS PRINTING AND CONVERTING

PRINTING AND ADDED VALUE PROCESSES

- Flexo unit in full rotary, servo full rotary and full servo semi rotary versions.
- UV/LED curing and IR/hot air drying systems.
- Laminating and cold foil.
- Inkjet printing module.



- Flatbed silkscreen printing SP.
- UV/LED curing and IR/hot air drying systems.
- Silk foil printing process.

- Flatbed hot stamping/embossing HGV with foil saver.
- Rotary head for cross foil or hot stamping & embossing on the same path with foil saver and dual heating zone for simultaneous hot foiling and embossing.
- Flatbed embossing EGV.
- Semi-rotary hot stamping with foil saver.

