

# XEIKON LCU SERIES

## Label Converting Unit

**XEIKON**

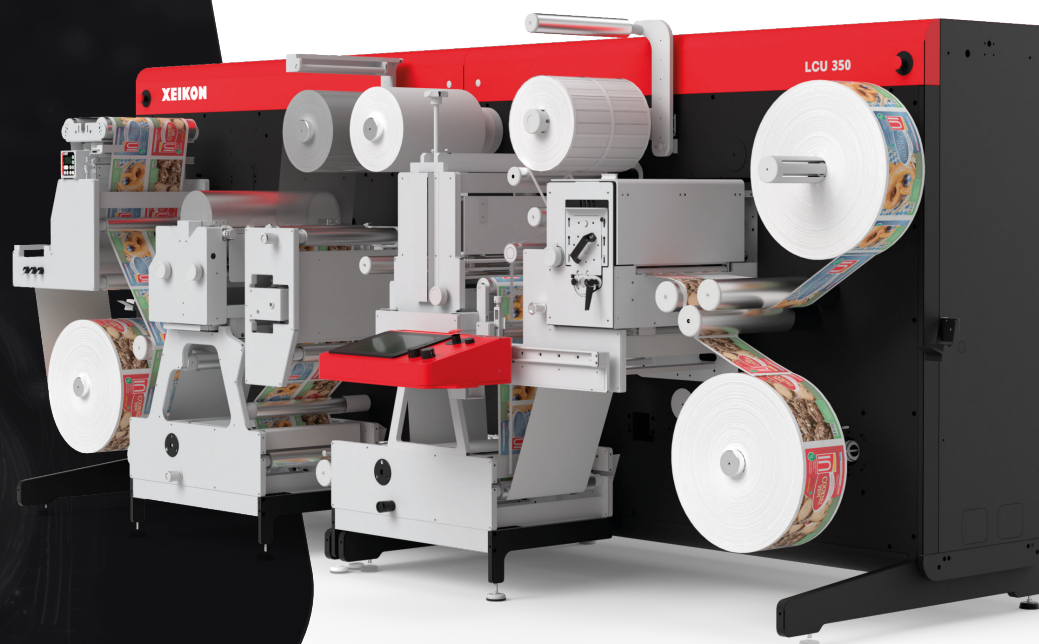
Xeikon's Label Converting Units are designed to support the digitization of label manufacturing striving for cost effectiveness and highest level of efficiency.

- Your investment is protected: upgrade at any time thanks to the LCU's modular design
- Make fact-based decisions: Xeikon's solutions are cloud connected and turn different data sets into relevant information for you.
- Seamless integration: With a Xeikon UV inkjet or dry-toner digital label press you have your own hybrid solution.

They come in two models:

- The Xeikon LCU350 is built to expand and grow along with your business. It's a modular platform that allows configuration flexibility at the start and scalability over time to support growth.
- The Xeikon LCU33, is the basic version geared for startup businesses with basic needs, aka the entry-level choice.

Both models hold a flexo varnish station and a semi-rotary die cut unit that can operate at a speed of 80m/min to a maximum full rotary speed of 130m/min.



A division of **FlintGroup**

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## specifications



Speed is important but what really matters is to have a high overall OEE rate (Operating Equipment Effectiveness) for any type of operation hence the modularity. This rate reflects the overall availability and productivity of any type of equipment.

### SOME EXTRA INVESTMENTS WE DO TO GET TO THIS HIGH OEE:

- An additional flexo station(s) to avoid change-over time between different varnishes
- Automated laser die-cutting to avoid die-plate tools and related change-over times
- Automated die-plate change
- Hot foil and screen-printing stations to expand application range.
- Man-machine interface to enhance the operator experience
- Remote Service access to minimize downtime
- On-site upgrading possibility to safeguard the initial investment.



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	LCU33	LCU350
<b>PRINT MEDIA</b>		
<b>Web width</b>	50 - 330 mm	50 - 350 mm
<b>Substrate</b>	50 - 200 µm	50 - 200 µm
<b>DIE STATION</b>		
<b>Semi-rotary speed</b>	65 m/min *	80 m/min
<b>Full-rotary speed</b>	72 m/min	130 m/min
<b>Die plate size (repeat)</b>	50 - 558,8 mm	50.8 - 558.8 mm
<b>REWINDER/UNWINDER</b>		
<b>Max. Internal unwind</b>	Ø700 mm	Ø700 mm
<b>Max. Single or dual shaft rewind</b>	Ø500 mm	Ø700 mm
<b>Core diameter</b>	76,2 or 152,4 mm	76.2 mm
<b>FLEXO STATION</b>		
<b>Print Cylinder size</b>	228 - 482,6 mm	254 - 711 mm
<b>SLITTING STATION</b>		
<b>Knife Type</b>	Pneumatic crush	3 Shear knives
<b>Minimum distance crush</b>	12,7 mm	-
<b>Power/Air</b>	3 x 400 V + N + PE, 32A, 6 bar	3 x 400 V + N + PE, 32A, 6 bar
<b>Dimensions (W x D x H)</b>	2,67 x 1,52 x 1,98 m	4,0 x 1,6 x 1,7 m
<b>Exhaust UV</b>	-	Ø125 mm, 800 m³/h. Outside.
<b>More customized setup needed? Xeikon Solution Services (XSS)</b>	The <b>Xeikon Solution Services (XSS)</b> team gets involved to design the right solution based on the Xeikon LCU Series	The <b>Xeikon Solution Services (XSS)</b> team gets involved to design the right solution based on the Xeikon LCU Series

\* Default speed 65m/min - upgradeable to 80 m/min