Zero Speed Splicer u40
Keep your printer running

The Splicer u40 solution includes two unwinders, a splicing unit and a buffer.

✓ **Roll change on the fly**

✓ **Increase printer uptime**

✓ **Reduce paper waste**

✓ **Maintain application flexibility**

Maximize your investment in high-speed continuous digital color printing. The Zero Speed Splicer u40 automatically changes input rolls, thus eliminating printer stoppages for roll changes and keeping your printer running at full speed and full productivity.

Printer stoppages due to roll changeover can last up to fifteen minutes. With today's fast printers running through a roll as quickly as one hour, percentage downtime due to roll changes can approach 25%. With the Zero Speed Splicer u40, this percentage drops to zero. Significantly, the Splicer u40 also virtually eliminates the lengthy paper waste associated with printer stoppages due to roll depletion.

Zero Speed Splicer u40 offers a high degree of flexibility to your operation, accommodating a broad variation in paper weights in successive rolls, and even accommodating variation in successive roll widths. The web may be justified to the left, right or center, allowing the Splicer u40 to work with varying digital production printers.

LasermaxRoll solutions increase productivity, cut labor and paper costs, and even make new applications possible. Global service and around-the-clock support help ensure our reputation as the industry's reliability leader. Innovative products combined with award winning support and service make LasermaxRoll the essential partner for your print operation.

LasermaxRoll
TECNAUGROUP
The Essential Partner to Print

The Zero Speed Splicer u40 includes two roll unwinders, two 90° web guides to assure precision at the splicing edge, a central splicing unit and a buffer.

The user-friendly unwinders include automatic decurling, no-lift roll mounting and a self-centering design. Rolls up to 52" in diameter are loaded quickly and easily into the unwinder directly from an optional roll cart - access to the web loading stations is quick and convenient. The unwinders feed paper to the central splicing unit to increase flexibility and printer uptime.

The Splicer u40 is able to maintain the maximum printer speed while the splice is made and the new roll is accelerated to the process speed, increasing total line productivity.

The Splicer u40 permits mixing of paper quality, paper grade and web width between rolls, thus supporting real book on demand production when paired with an in-line binding solution.

With automatic compression of splices and an interface with compatible printers to raise the print heads while the splice passes by, the Splicer u40 protects the print heads from damage.
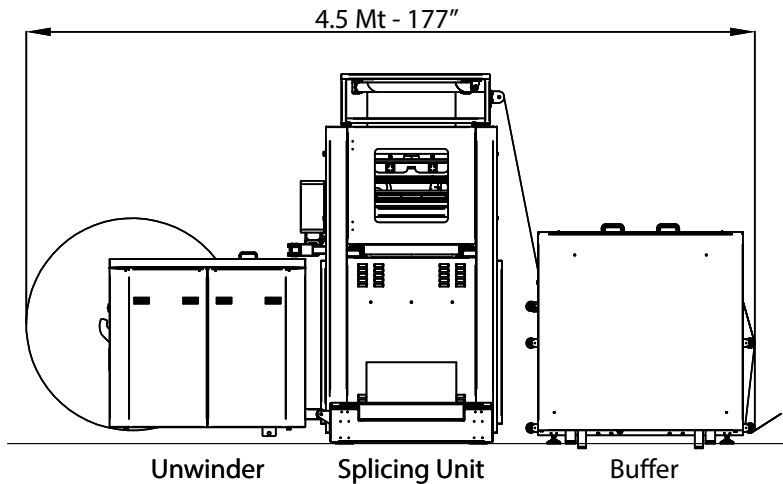
Optional Capabilities

Roll carts
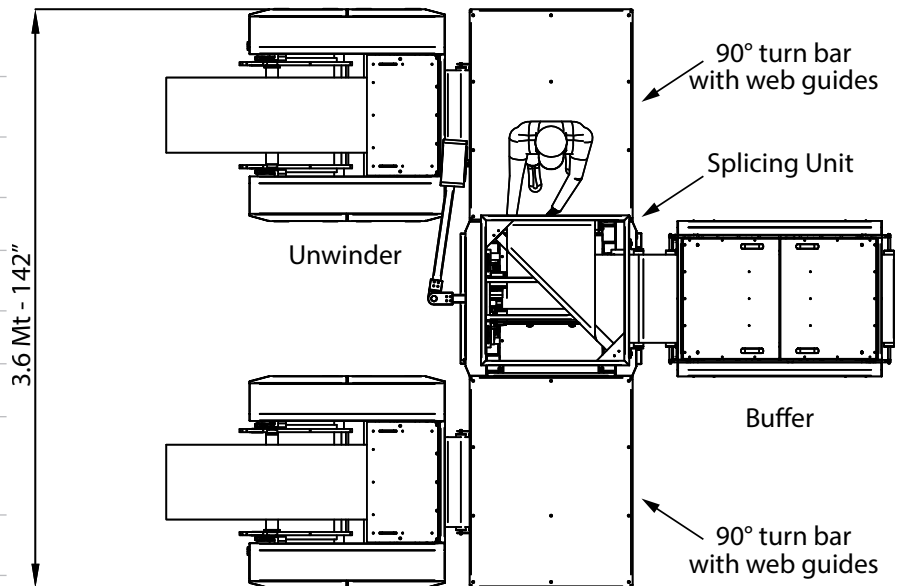Easily move, store and load paper rolls.

Easy transport

4.5 Mt - 177"

Unwinder   Splicing Unit   Buffer

Technical Specifications

Performance / Media

Speed Max	500 ft/min	150 m/min
Paper Weight	50 - 180 gsm 13.3# bond - 120# offset	
Paper weight variation:	Fully variable between rolls for automatic splicing	
Web width	8" - 20"	200 - 500 mm
Web width variation	2" (50 mm) max between rolls for automatic splicing	
Roll diameter	4" - 52"	100 - 1320 mm
Roll weight max	1450 lbs	650 kg

Electrical

Power	480 V - 20A
Power	400 - 480 +6%-10% VAC, 3 Phase 50/60 Hz, 16A

Configuration Example (T configuration is also available)

3.6 Mt – 142"

Unwinder

90° turn bar with web guides

Splicing Unit

Buffer

90° turn bar with web guides

LasermaxRoll
TECNAUGROUP
www.lasermaxroll.com

Europe	Italy	+39 0125 631678	tecnau@tecnau.com
	Sweden	+46 372 256 00	info@lasermaxroll.se
Americas	USA	+1 978 608 0500	info@lasermaxroll.com
Asia Pacific	China	+86 159 00710147	info@lasermaxrollsystems.cn
	Singapore	+65 6793 9478	info@lasermaxroll.sg