



# Zero Speed Splicer Roll 40

## Keep your printer running



*The Roll 40 solution includes  
Splicer u40 Unwinder  
and Splicer r40 Rewinder.*

- ✓ **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 Roll 40 automatically changes input and output rolls, 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 Roll 40, this percentage drops to zero. Significantly, the Roll 40 also virtually eliminates the lengthy paper waste associated with printer stoppages due to input roll depletion and output roll completion.

Zero Speed Splicer Roll 40 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 Roll 40 to work with varying digital production printers.

Global service and around-the-clock support help ensure our reputation as the industry's reliability leader. Our products increase productivity, cut labor and paper costs, and even make new applications possible - Tecna solutions truly empower digital print to help you do more with less.



# Zero Speed Splicer Roll 40

## Keep your printer running

The Zero Speed Splicer Roll 40 is composed of a Splicer u40 unwinding system and a Splicer r40 rewinding system. Pairing the two splicers together around a high-speed web-fed inkjet press allows users to absolutely maximize digital inkjet productivity.

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

Rolls up to 52" in diameter are loaded quickly and easily into the unwinders 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.

Once printed, the web is rewound by the Splicer r40 system composed of a buffer, a central splicing unit, two 90° web guides and two roll rewinder.

The Roll 40 is able to maintain full printer speed while the splice is made and the new roll is accelerated to process speed, increasing total line productivity.

The Roll 40 permits mixing of paper quality, paper grade and web width between rolls, thus supporting real on demand production.

Roll 40 also offers media flexibility features, as it may produce mini-rolls for urgent work, or switch back and forth between rolls job-by-job to form rolls with common destinations for finishing.

With automatic compression of splices and an interface with compatible printers to raise the print heads while the splice passes by, the Roll 40 protects the print heads from damage.

Many splicing options are available to enhance the overall solution productivity – consult Tecna for more information.

### Optional Capabilities

**Roll carts**  
Easily move, store and load paper rolls.



Easy transport

## Technical Specifications

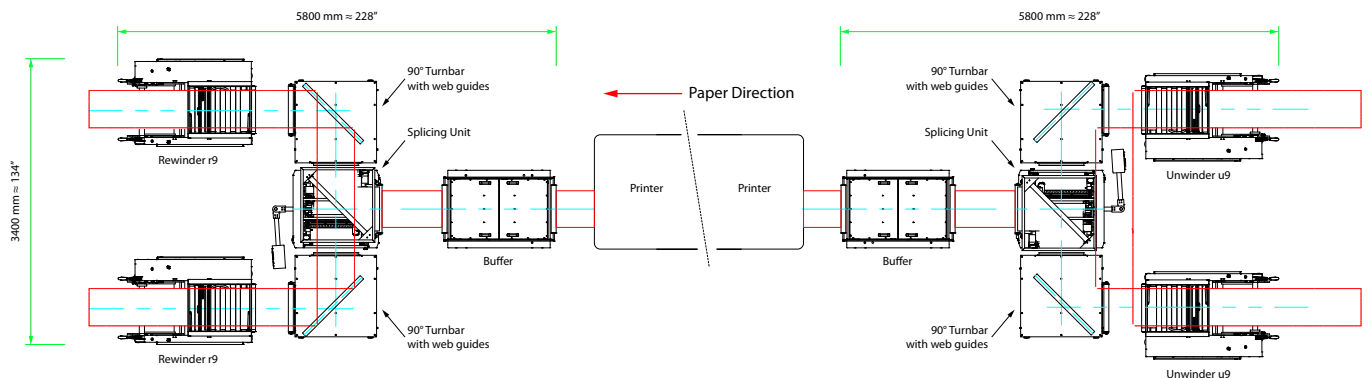
### Performance / Media

Speed Max	500 ft/min	150 m/min
Paper Weight	16# bond - 90# cover, 60 - 250 gsm <i>(above 200gsm requires application review)</i>	
Paper weight variation:	Fully variable between rolls for automatic splicing	
Web width	8" - 22"	200 - 558 mm
Web width variation	1" (25 mm) per side for automatic splicing	
Roll diameter	4" - 52"	100 - 1320 mm
Roll weight max	1763 lbs	800 kg

### Electrical

Tower & Buffer	2x	400/480 Vac, 3 Phase, 50/60 Hz, 8/6.5 A
Unwinders	2x	200-240 Vac, 1-phase, 50/60 Hz, 10+10 A
Rewinders	2x	200-240 Vac, 1-phase, 50/60 Hz, 10+10 A
Air	2x	85 - 100 psi @ 3cfm (dry & filtered)
	2x	6 -7 bar @ 80 l/min (dry & filtered)

## Configuration Example



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