



# Zero Speed Splicer 55

## Keep your printer running



*The Splicer 55 solution includes  
Splicer u55 Unwinder  
and Splicer r55 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 Splicer 55 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 55, this percentage drops to zero. Significantly, the Splicer 55 also virtually eliminates the lengthy paper waste associated with printer stoppages due to input roll depletion and output roll completion.

Zero Speed Splicer 55 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 55 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 - TecnaU solutions truly empower digital print to help you do more with less.



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The Zero Speed Splicer 55 is composed of a Splicer u55 unwinding system and a Splicer r55 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 u55, 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 r55 system composed of a buffer, a central splicing unit, two 90° web guides and two roll rewinder.

The Splicer 55 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 Splicer 55 permits mixing of paper quality, paper grade and web width between rolls, thus supporting real on demand production.

Splicer 55 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 Splicer 55 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.



## Technical Specifications

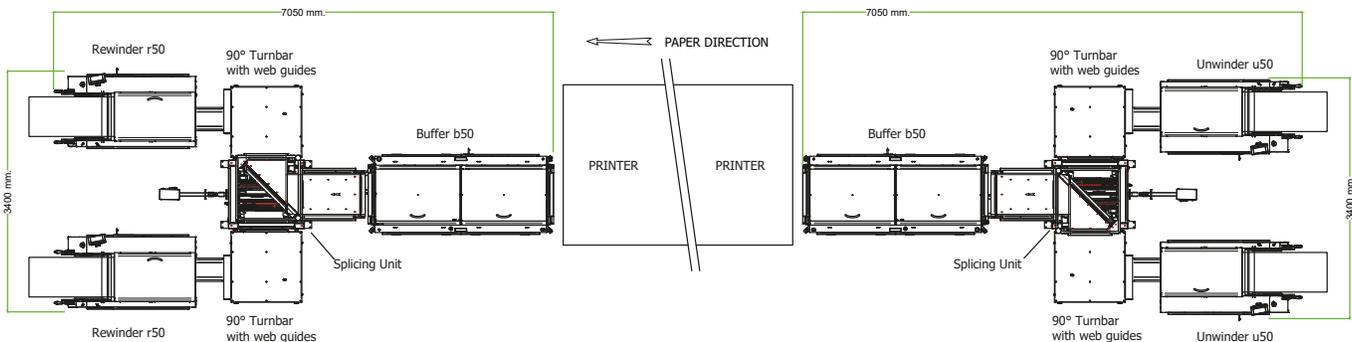
### Performance / Media

<b>Speed max</b>	820 ft/min	250 m/min
<b>Paper weight</b>	16# bond - 114# cover, 60 - 300 gsm <i>(above 200gsm requires application review)</i>	
<b>Paper thickness max</b>	250 microns	
<b>Paper weight variation:</b>	Fully variable between rolls for automatic splicing	
<b>Web width</b>	8" - 22" <i>Up to 23" upon request</i>	200 - 560 mm <i>Up to 584 mm upon request</i>
<b>Web width variation</b>	1" (25 mm) per side for automatic splicing	
<b>Roll diameter</b>	4" - 52"	100 - 1320 mm
<b>Roll weight max</b>	Standard roll shafts 1784 lbs. 800 kg Heavyweight roll shafts 1984 lbs. 900 kg	

### Electrical

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

## Configuration Example



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