

RS Stack XL



The RS Stack XL solution includes the RS Unwind, RS Cutter and RSL1 Stacker.

- Precision sheeting
- High capacity
- Easy stack transfer
- In-line or off-line operation

Extra large sheets and stacks

The RS Stack XL solution produces extra-large stacks of cut sheets and is perfect for a variety of applications like newspapers, book signatures or C-sized engineering drawings.

The RS Stack XL solution has the ability to cut and stack oversized sheets up to 21" x 36" with basis weights as low as 60 gsm / 16# bond at a speed up to 300 feet per minute. It offsets single sheets to denote job/set boundaries and builds stacks as high as 30", allowing for long runs between unloading. Large stacks are easily transported to the finishing stage via standard carts or pallet jacks, keeping the printer and finisher separate for increased system reliability.

As an alternative to in-line operation with a high-speed digital web printer, RS Stack XL may be operated as an off-line sheeting solution.

As with all of our products, the RS Stack XL solution is compatible with today's most advanced digital printers and can be adapted to meet your printing needs. Global service and around-the-clock support help ensure our reputation as the industry's reliability leader. Count on Lasermax Roll Systems to help you do more with digital print.

RS Stack XL

The RS Stack XL solution comes equipped with the RS Unwind, RS Cutter and RSL1 Stacker and produces large documents for applications requiring oversized cut sheets.

The quick-change RS Unwind includes no-lift mounting and a self-centering design, and begins the process by unwinding a web up to 21 inches wide into a digital printer. The printed web is then fed into the RS Cutter where it is cut into consistent, square sheets of the appropriate length, up to 36" long. Sheets accumulate on a descending wooden platform, which is then removed and transported with a roll cart or standard pallet jack to the next stage of the finishing process.

The RS Stack XL is ideal for stacking long sheets for off-line signature folding and booklet making. All components use standard power, are mobile, modular, compact, and are designed to dramatically improve workflow.

Optional Capabilities

"DynaSheeter" Off-line Kit

With the addition of a decurler to the RS Unwind module, RS Stack XL becomes an efficient off-line sheeting system. Sheets are cut from a roll and bulk stacked for feeding to a cut sheet printer or finishing equipment.

Running Micro-Perforator

Perforate in process direction to create tear-off workbook pages or other special applications, for significant savings on special stocks.



Easy transport.

Roll Carts

Easily move, store and load paper rolls. Cart also transports the RSL1 Stacker's wooden platform holding the output stack on to a finishing module.

Unwind alternatives

Lasermax Roll Systems offers a variety of unwinders for inclusion in the RS Stack XL. RSU4 and RSU5 surface-driven Unwinds feature a self-centering, shaftless design and operator friendly operation. RS52 center-shaft driven Unwind features a low profile, high-speed operation and compatibility with specialized stocks such as labels.



RS52 Unwind

Specifications

Performance / Media

Speed max.	300 ft/min	1.50 m/sec
Print	Simplex, Duplex	
Feeding	Pinfed or pinless	
Paper weight	16-42# bond	60-158 gsm
Roll diameter	4"-50"	100 mm-1270 mm
Web width	8"-21"	200 mm-530 mm
Sheet length	11"-36"	279 mm-914 mm
Sheet width	8"-21"	200 mm-530 mm
Stack height	Max. 30"	762 mm

Electrical

Power	100-120 VAC 50/60 Hz, 12A, or 200-240 VAC 50/60 Hz, 6A
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Configuration Example

