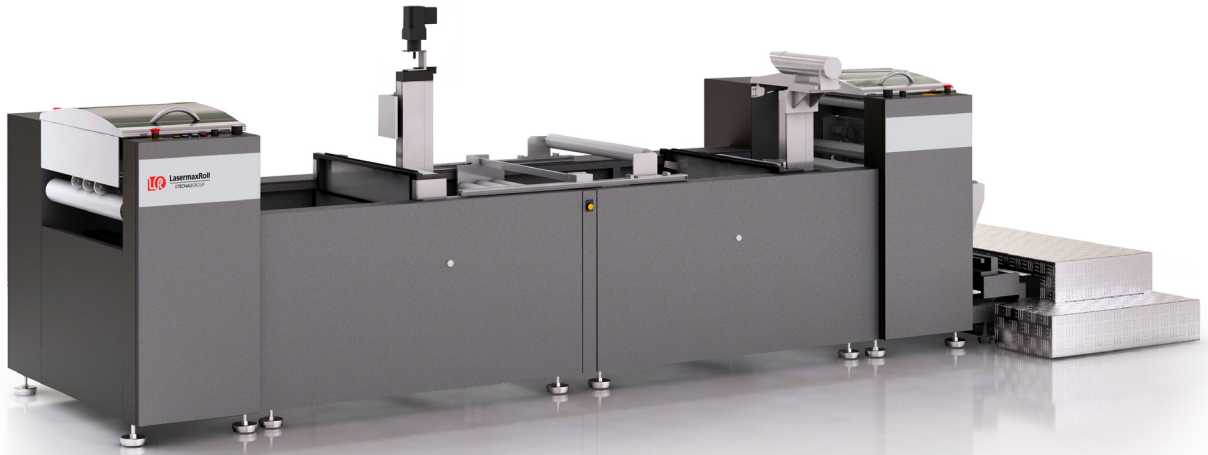




## StreamFolder f30 2030 for 30" applications

### Efficient books of one and short-runs



*The StreamFolder system for short-run books includes the StreamFolder f30, Cutter c20, Stacker s30 and conveyor system.*

- ✓ **Web width up to 30"**
- ✓ **Automated web guide**
- ✓ **Motorized adjustment of fold heads**
- ✓ **Minimize blank pages**
- ✓ **Easy application changes**

Print on demand with the ultimate in ease and flexibility. The StreamFolder™ system for short-run books produces book blocks comprised of 4-, 6- or 8-panel signatures. The finished book blocks have extremely accurate page registration and the folding process reverses the natural paper curl every other sheet, resulting in very flat, premium quality books.

The StreamFolder system provides unprecedented reliability for short-run digital book printing jobs of varying run lengths including 'books of one.' The StreamFolder folds the web one, two or three times, enabling efficient use of a web-fed press at its maximum print width. This folded web is very strong as the paper is up to four times thicker and has demonstrated dramatic increases in system reliability feeding through the cutter and stacker.

When compared to book blocks created from single cut sheets, the StreamFolder system's signatures eliminate common problems coming from inevitable variations in paper quality. Slight changes in web width will not impact page registration with the StreamFolder system's unique Z-fold design ensuring pages are always precisely registered to the spine edge.

LasermxRoll 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 LasermxRoll the essential partner for your print operation.



# StreamFolder f30 2030 for 30" applications

## Efficient books of one and short-runs

The StreamFolder system for short-run books uses the StreamFolder f30, Cutter c20, Stacker s30 and conveyor system to create book blocks.

The StreamFolder f30 folds the web one, two or three times lengthwise prior to cutting and stacking. The Cutter c20 uses a rotary knife to cut the printed and folded web to the desired length creating either a 4-, 6- or 8-panel signature. Finally, the Stacker s30 aligns and stacks the signatures to create offset book blocks ready for binding.

For maximum flexibility and efficiency, the StreamFolder f30 enables a 1-up stack of folded signatures to be created from either 2-up, 3-up or 4-up print streams and can easily be switched according to final book size and paper width.

Thanks to the innovative web guiding system and motor supported fold heads, application change will be very easy and quick, requiring the operator only to supervise the process. Once the new application has been selected through the control panel, the folding heads will automatically move to the new position, switching eg. from to 2-up to 4-up or from 3-up to 2-up without stopping the web. By automatizing this process application change will be extremely simplified and error rates will be dramatically reduced

After printing, the infeed of the StreamFolder f30 uses easily adjustable moisture heads or perforating wheels which prepare the web to be accurately folded. For 2-up printing, one fold station is used to simply fold the web in half. For 3-up and 4-up printing, two fold stations are used to create a Z-fold. The Z-fold is a unique feature of Tecna StreamFolder f20 and f30 solutions and it provides substantial advantages

versus competitive C-fold systems. Every roll of paper has slight variations in width. Only the StreamFolder's Z-fold design can guarantee fixed page registration to the spine edge, regardless of these variations. The Z-fold forces web-width variations to the face edge which is cleanly trimmed during binding producing a superior quality book.

Next, folded edges are flattened with pressing rollers in the outfeed of the StreamFolder and infeed of the Cutter, so the ppi of signature book blocks remains the same as cut sheet book blocks ensuring compatibility with existing cover art. The folded web is now cross cut to the required page length in the Cutter c20 and each signature is seamlessly transferred to the Stacker s30 which builds up to 10"-tall stacks of offset book blocks.

The folding patterns can be facilitated by adding vertical perforations wheels (traditional process) or by adding moisture heads electronically controlled. Depending on application and paper quality, moisture can provide an increased quality to the final book block, reducing variations in thickness due to the folding patterns. The system can be equipped with both solutions to support the broadest variety of applications and requirements.

Signatures created with the StreamFolder system are neatly stacked and can be quickly and easily jogged for reliable binding.

Output delivery options are easily switched with no movement of modules, to offer the flexibility you need for your print on demand applications. All components are modular, compact, and are designed to dramatically improve work-flow.

### Technical Specifications

#### Performance / Media

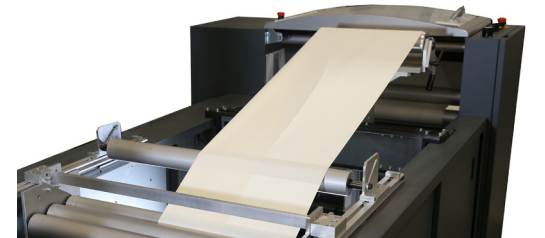
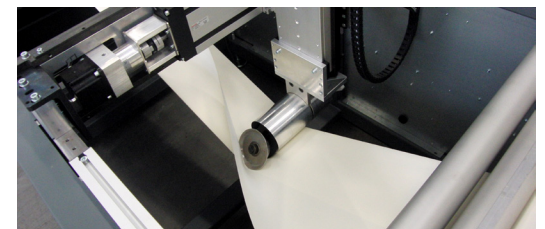
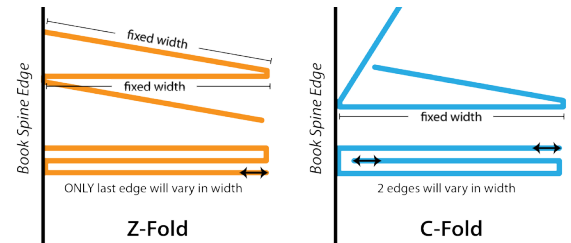
<b>Speed Max</b>	600 ft/min	180 m/min
<b>Feeding</b>	Pinless	
<b>Paper Weight</b>	minimum 40 gsm	
<b>Web Width Input</b>	30" max.	760 mm max
<b>Output</b>	5.5 min	140 mm min.
<b>Form Length</b>	5.5" - 18"	140 mm - 457 mm
<b>Stack Height</b>	Max. 10"	250 mm
<b>Offset</b>	0.6"	15 mm
<b>Print Streams</b>	1-, 2-, 3-, 4- up (no folding / bypass mode) 2-up (1 fold / 4 panel signatures) 3-up (2 folds / 6 panel signatures) 4-up (3 folds / 8 panel signatures)	

*Some specifications are application dependent and may require testing.*

#### Electrical

<b>Power f30</b>	400 - 480 VAC, 20A, 3-phase, 50-60 Hz	
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### StreamFolder Z-Fold vs. Competitor C-Fold



StreamFolder f30



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