

ROLAND 700 HiPrint Advanced 7 package

Delivering higher profits and lower operating costs

Through a commitment to continuous research and development, Manroland Sheetfed now offers seven new features for the ROLAND 700 HiPrint range, giving printers around the world a new set of capabilities to achieve even greater value from their investments.



Manroland's suction belt sheet-guiding system.



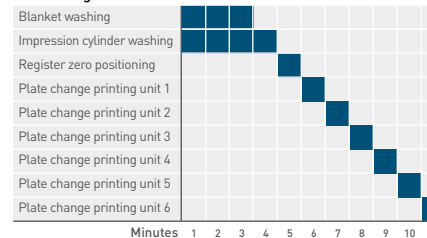
Features

- 1 Simultaneous plate loading** technology (SPL). At the press of a button, printers will be able carry out plate loading as well as blanket and impression cylinder cleaning all at the same time. Saving up to 7.5 minutes per job and taken over consecutive shifts, this can add up to 2,700,000 sheets extra capacity in a typical annual workflow.

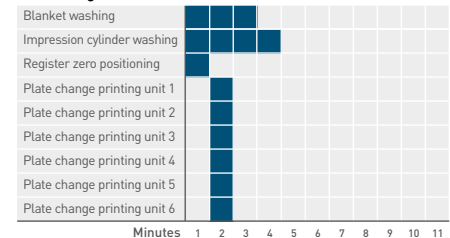
Benefits

- Significantly decreased work costs
- Increased margins
- Greater competitiveness

Job change with APL



Job change with SPL



- 2 New 'suction belt' sheet-guiding technology** with suction belts replaces traditional suction rollers. The ability to grip paper over a larger area delivers more precise control over paper feeding and greater control of sheet braking even at high speeds. With more accurate control comes both higher production speeds and enhanced stacking quality.

- Improved productivity and profitability
- Reduced production costs
- Better print quality

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Features	Benefits
<p>3 A significant increase in the maximum printing speed, from 16,000 to 17,000 sheets an hour, delivers opportunities for shorter lead times, increased output and vastly improved efficiency.</p>	<ul style="list-style-type: none"> ■ Faster job delivery ■ Enhanced customer satisfaction ■ Greater competitiveness
<p>4 Efficiency receives an even greater boost with Manroland Sheetfed's proven LEC (Low Energy Curing) UV drying technology. Where conventional UV curing can incur higher costs, Manroland's low energy UV curing offers the potential for reduced costs through significantly lower power consumption.</p>	<ul style="list-style-type: none"> ■ Lower energy consumption and costs ■ Provides business opportunities in the UV printing market ■ Faster reprocessing and shorter lead times ■ Smaller footprint than conventional UV technologies
<p>5 Manroland's 'eye in the sky' InlineInspector now incorporates dramatically improved error detection through 100% monitoring of the whole sheet, enabling thorough review and quality control at even the highest speeds. Moreover enhanced PDF comparison functions and simple, intuitive operation means the InlineInspector 2.0 delivers premium and consistent print quality without compromise on speed.</p>	<ul style="list-style-type: none"> ■ Reduced production times and increased productivity ■ Less error and less waste ■ Enhanced customer satisfaction

Features	Benefits
<p>6 A new inkjet based sheet numbering device ensures pinpoint accuracy in identifying errors, with every sheet printed with its own unique number. Working in conjunction with the InlineInspector, machine minders can quickly locate problem sheets and remove them from the workflow before they are sent to the finishing department. This simple and user-friendly addition cuts errors and maintains consistent print quality over the whole run.</p>	<ul style="list-style-type: none"> ■ Less waste and faster turnaround times ■ Reduced production costs ■ Enhanced profitability
<p>7 Manroland Sheetfed's Inline Foiling technology now includes indexing, enabling printers to reduce material wastage by between 19% and 60% per job. Available on both single and multi-reel versions the indexing function advances only enough foil onto the sheet to cover the required image area. Since whole sheet coverage is rarely required this leads to less material being fed in to the press and significantly reduces material consumption.</p>	<ul style="list-style-type: none"> ■ Reduced material costs ■ Reduced total production costs ■ Enhanced profitability

