

Technical data: RotaJET VL-Series

Performance data \ RotaJET System	RotaJET 168	RotaJET 225
Max. web speed (m/min)	150	150
Min. web width (mm)	840	1125
Max. web width (mm)	1680	2250
Max. print width net (mm)	1673	2243
Cut-off length	variable optional up to 5080 mm	variable optional up to 5080 mm
Print volume (m ² /month):	7.5 million m ² /month	9.7 million m ² /month
Web lead		
Reel transport system	PATRAS M	PATRAS A
Standard unwinder	KBA Pastomat C 1760	KBA Pastomat CL 2520
Standard rewinder	autom. rewinder	
KBA 1700"	autom. rewinder KBA 225	
Printing heads		
Printing head technology	Piezo-electrically modulated DOD inkjet printing heads	
Print resolution	600 dpi native, variable droplet sizes	
Stitching	automatic alignment of printing heads in array	
Inks	KBA RotaColor polymer pigment inks	
Dryer	Infrared dryer combined with warm-air blower	
Workflow/communications	Adobe APPE-based native PDF workflow, JDF standard for press line intercommunications and integration of third-party systems (post press)	
Options	KBA PATRAS A (fully automatic reel logistics) RotaColor Control Station (pre-coater) DFE Extension Seamless Print Extended Frame Length Decor Option	

The KBA RotaJET VL-Series

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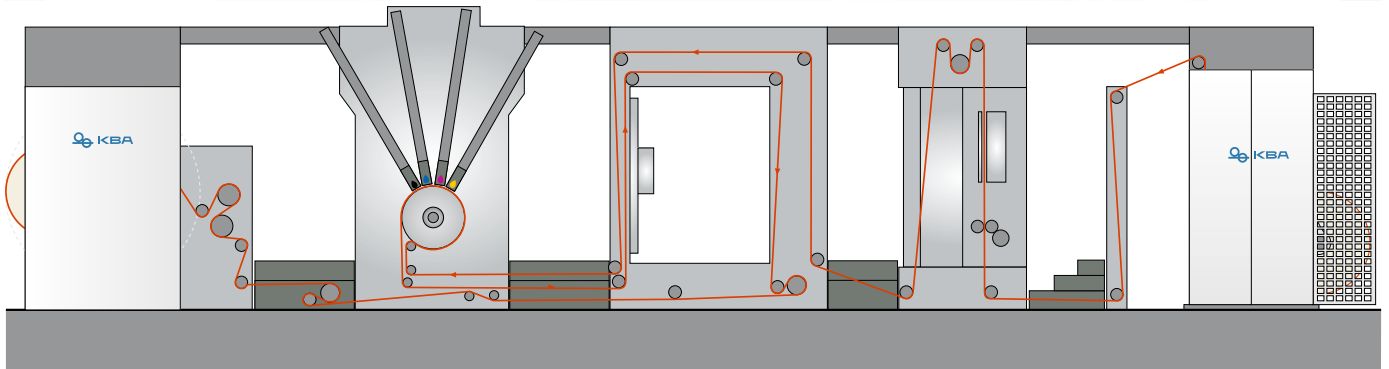
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RotaJET VL

KBA RotaJET VL-Series

The top end in industrial inkjet presses



The KBA RotaJET VL Series for decor and packaging available in web widths from 1300 mm to 2250 mm

The KBA RotaJET VL Series is top of the class in industrial inkjet printing presses and is one of the most high-performing inkjet digital ranges on the market. The RotaJET 168 covers web widths from 1300 mm to 1680 mm whilst the RotaJET 225 goes even wider with a maximum web width of 2250 mm. This is the top model of the KBA RotaJET systems.

Designed for decor printing and similar applications, the RotaJET VL Series also addresses interesting growth areas in the packaging industry. At a productivity rate of 18,000 m²/hour the KBA RotaJET VL range sets the benchmark in industrial digital printing. The system fulfills the high-level requirements set by difficult-to-print substrates and allows the processing of diverse printing materials.

Top inkjet print quality with the KBA central cylinder

Inkjet is the only real „non-impact“ printing process used in practice. The substrate is guided around the central cylinder and under the printing heads with absolute precision and evenness and with 100% stability.

Automatic reel splicers

Various automation levels will facilitate your material logistics and streamline the processes all around your reel handling. The standard RotaJET 168 is designed with



The substrate is guided around the central cylinder and under the printing heads

a KBA PATRAS M reel transport system, an automatic KBA reel splicer Pastomat C 1760 and an automatic KBA rewinder. The jumbo version RotaJET 225 is supplied with a fully automatic reel transport system PATRAS A, thus guaranteeing an efficient, reliable and productive handling of the substrate reels. The automatic KBA reel splicer Pastomat CL 2520 and an automatic rewinder are also part of the RotaJET 225 configuration. With these aggregates and other features like a fully automatic webbing up device per chain, KBA combines high-performance systems from its offset range with the variability and flexibility of digital printing.

Pre-coating station

The application of RotaColor Control fluid in the pre-coating station will considerably expand the range of substrates you can use.

Dryer and integrated cooling system

Intelligent, low-energy dryers and an integrated cooling system facilitate the dynamic changeover from high to low levels of ink coverage. Drying at very low temperatures will give you an exemplary energy balance. The integrated cooling system reduces the temperature of the substrate efficiently and guarantees a safer and easier online finishing.

Flexible and scalable KBA XLO Workflow

The KBA XLO Workflow, based on Adobe APPE architecture, offers sufficient RIP performance so that the KBA RotaJET VL can be run at top speed. If your data volume or application field should change in the future, the KBA XLO Workflow can be upgraded to meet your production demands.

Decor – process optimisation and new business

The RotaJET VL Series impresses with high levels of productivity and efficiency together with outstanding quality. Thanks to the superior print array design, the system yields optimum colour precision, job-to-job repeatability, an equally excellent fastness of colour and resistance to light. Extended frame lengths of up to 5080 mm, optionally available via software upgrade.



Equipped with a decor package, the RotaJET VL Series enables industrial digital printing of decor paper for a diversity of uses

- Laminates for flooring
- Panels for walls and ceilings
- Furniture production
- Work surfaces and doors
- Edgings

The RotaJET VL Series offers decor printers more flexibility. Your customers will look forward to being able to order smaller batches for newly developed products series, for market tests or for niche products. With a massive reduction in make-ready times, more decors can be printed in a shorter time whilst allowing a faster time to market. Industrial digital printing is also responsible for efficiency enhancements in rotogravure printing by releasing printing capacity on those presses and making “long run” production more profitable.

The inkjet KBA RotaJET VL Series provides considerable potential for new business. Digitally printed decors will augment your product range. In digital printing you can print decors which are technically not possible using conventional printing methods.

New designs will open up new markets!

Packaging

The trend towards an even greater diversification in consumer goods is again issuing today's packaging printers and corrugators with a huge challenge.

The KBA RotaJET VL Series is the right solution for laminating top sheets. The web widths of the RotaJET VL Series address a wide spectrum of applicable formats in packaging. Flying job changes enable the highly efficient production of shorter runs, making „special interest“ and personalized packaging possible and feasible.

Individual industrial solutions

Tap new business opportunities!

- Customer-oriented, tailor-made solutions
- Individual and special applications
- Difficult-to-print or high-grammage substrates
- Competitive printing of smaller print batches
- For printing more than just run-of-the-mill formats