



KBA Rapida 75E

Uniting Flexibility, Quality, Economy and Ecology



B2 and more

Productive and frugal



You are a B2 printer looking for a versatile, reliable and sensibly automated press that delivers the goods and offers outstanding value for money? That is both compact and energy efficient? Then look no further. Our highly advanced yet cost-effective Rapida 75E consumes half the energy of comparable presses and has a smaller footprint into the bargain.

The “E” stands for economy and ecology, which the Rapida 75E epitomises like no other press. It has an output of up to 16,000cph, is easy to operate and looks great. We have spared no effort to design a press that takes up a minimum of space and consumes less power than its rivals, but whose print format is all the more generous. Alongside the standard 530 x 750mm (20.86 x 29.53in) version we offer an optional 605 x 750mm (23.81 x 29.53in) version.

What are the benefits for you, the user? If your product range includes US letter format or typical magazine and catalogue formats you can fit six pages on each sheet – two more than with other half-format presses. In other words the Rapida 75E is 50 per cent more productive. A good reason to give it some serious thought.

Keen to learn more? Read on.

User-friendly and reliable



Typical Rapida

User-friendly and reliable



The Rapida 75E benefits in no small part from the advanced technology of our larger models, incorporating many of their features. Which is not surprising – KBA makes the biggest litho presses in the world. You have a choice of two to eight colours, and if you're not sure which to pick we'll be happy to advise you.

So what does a typical Rapida include? Basically everything you need for smooth, trouble-free print production. Its new KBA feeder and the delivery are equipped with pile boards, so there is no time-consuming restacking. A safer sheet run? The proven

swing infeed is a guarantee, supported by two different types of double-sheet detector plus frontlay sensors. You can be sure that nothing will slip through unnoticed. And if you want to print nonstop on thicker stock, we offer specialised facilities for the feeder and delivery.

Universal gripper systems? A given. So every type of substrate, whether thick or thin, is held firmly throughout – with no time-consuming manual settings. The open design of the inking unit is another typical Rapida feature in every format

from small to large. Plus efficient heat dissipation for colour stability. Quick-response inking control cuts waste, especially when making colour corrections. Ghosting? Fast and simple adjustment of forme roller oscillation means you can rest easy.

The Rapida 75E offers technology beyond its size. Enjoy it.

Slim and trim



Straight or perfecting Slim and trim



You want an all-round press for paper and board? Then take a closer look at the KBA Rapida 75E. It is the ideal tool for handling a broad range of substrates.

Why? Double-size impression cylinders and transfer drums are routine features today: it is the cylinder geometry that makes the subtle difference. The sheets pass from the first unit to the last with a minimum of curvature, so sheet travel is much smoother. And, sensibly, they are fully printed prior to transfer, thus minimising stress on sensitive substrates.

As for sheet travel monitoring, that is a standard feature.

A new suction head in the feeder, new air-blown sheet guides and a new sheet brake in the delivery, in tandem with various monitoring systems, ensure that even at high production speeds the sheets are conveyed through the press with no smearing or disruption and laid cleanly on the delivery pile. If you can handle a sheet measuring 3 square metres, you can handle a B2 sheet.

You have a lot of perfecting jobs but are in no rush to invest in new kit? Our Rapida 75E with autoconvertible perfecting will launch on the market at the end of 2010. Three double-size cylinders ensure that you can print in true register at high speeds even when perfecting. An added advantage is that there are no limitations on stock thickness. Conversion takes just sixty seconds or so. By push-button.

Any doubts? We'll be happy to demonstrate.



Superfine coating

Gloss and class

Coatings are effective. Coatings are protective. Coatings create a visual impact. And coatings accelerate the printing process by allowing work and turn with no time-lag or interim storage. Welcome to the world of decorative and cost-effective inline finishing.



Gloss and matt finishes, solid and spot coatings, scented varnishes and other specialised applications – the possibilities are endless with the Rapida 75E's coater, which features a Harris + Bruno doctoring system just like the one in our larger press models.

Different coating thicknesses and exact metering? Our lightweight anilox rollers can be changed without bodybuilding exercises, while Hydrocomb blade pressure control reduces wear and tear on the blade and guarantees a uniform coating application. And when it comes to

changing the coating or the coating forme, the Rapida 75E is way ahead of the field.

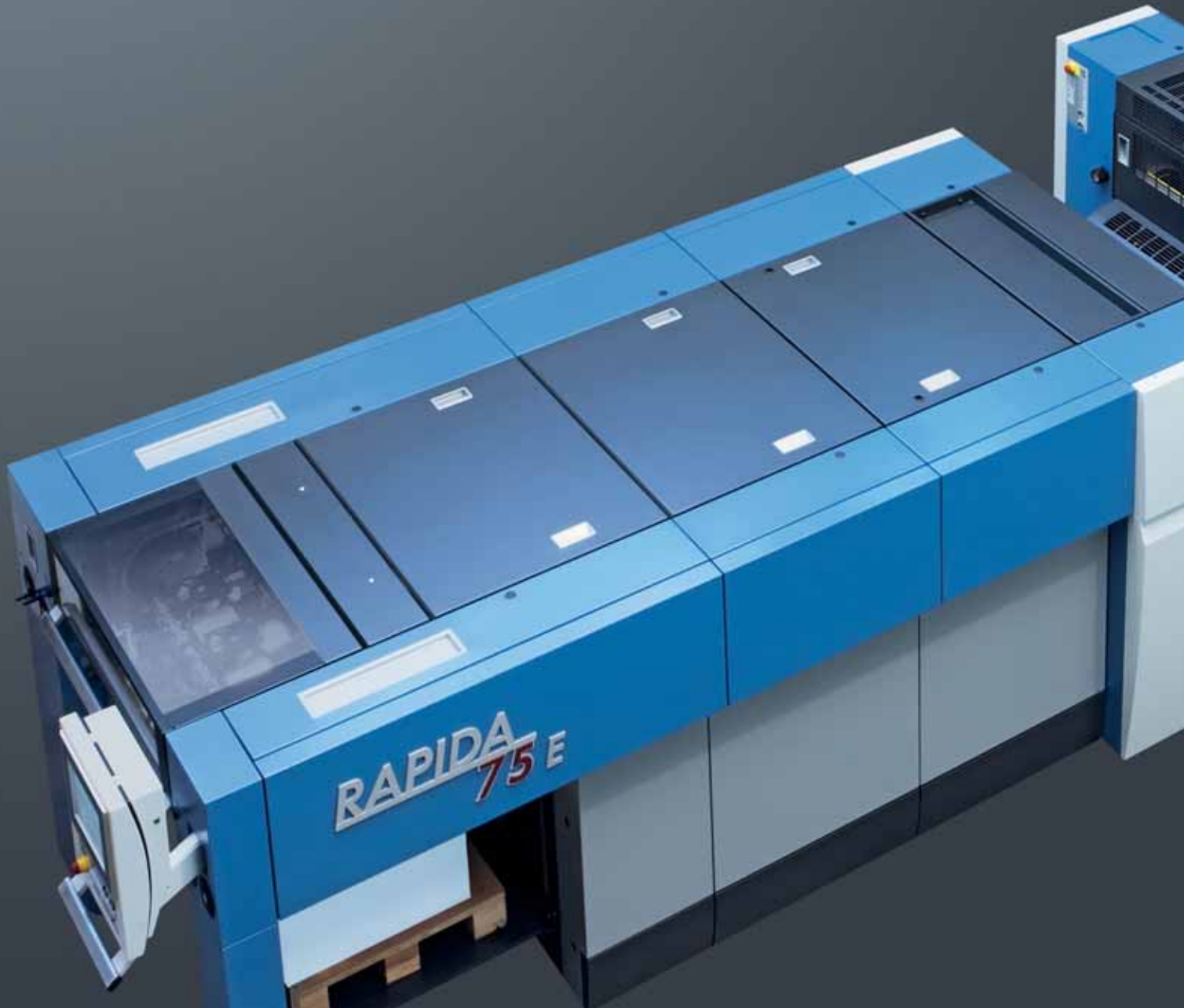
Automatic coating feed and an automatic cleaning system allow aqueous coatings to be changed in less than two minutes. A new and unusual feature in this format class is the automatic changing device for coating plates, complete with register adjustment.

As you can see, we have come up with some new ideas for adding a final gloss to your products without getting your hands dirty.

Coating without drying – unthinkable. A 1.4m (55in) extension can be added to the delivery on the Rapida 75E to give the coating ample time to spread and dry. For a perfect finish, hot-air and infrared dryers can be fitted in either the delivery or the extension.

Fast, precise printing and impressive finishing – that is what many customers want today.

Simple and convenient



Perfect handling
Simple and convenient



You can print on any press. But whether you and your operators enjoy it is another matter. We think our Rapida 75 is fantastic, and are confident that you will, too. How can we be so sure? See for yourself.

The Rapida 75E is a real eye-catcher. Finely crafted right down to the last detail, so you are happy to come to the press – and reluctant to leave. Brushed aluminium control elements, dirt-tolerant membrane keyboards, easy access and a complete range of safety features are persuasive arguments. But that's not all.

The ErgoTronic control console and handy touch-screen display at the delivery are the operator's two main workplaces. Register, ink-key and most other press settings can be entered directly at the delivery touch screen, saving you unnecessary legwork. You can concentrate instead on essentials like quality control, which almost takes care of itself. With an online-linked Techkon densitometer or automatically via DensiTronic.

A CIP4 interface to pre-press and a USB port for job data communication cut makeready times and shorten production sequences. The console can even be embedded in a corporate data network. That, too, is no witchcraft.

All you need, all you want, and all perfect – making work a pleasure.



Customised automation

Timely and practical



Sensible, practical automation with no superfluous frills is one of the Rapida 75E's many strengths. We let you decide what is appropriate for your business. Repetitive functions like plate changing, format setting and the sequences associated with job changes have been extensively automated so that you can restart production that much sooner.

Environmentally friendly washing systems for the rollers, blankets and impression cylinders are all part of the package. Washing the blankets and impression cylinders simultaneously dramatically cuts makeready time. The appropriate washing program can be selected at the delivery touch-screen.

Register adjustment? Naturally, and in whichever direction you want: axial, radial and diagonal. As with our medium-format Rapidas, adjustments to the diagonal register can be made by skewing the transfer drums, and are therefore

possible on the fly. Where are corrections made? At the console or delivery touch-screen.

Even the Rapida 75E cannot land contracts and supply its own paper and other consumables. But what it can do makes it a pleasure to operate. We hope you have fun.



Specifications

Short and sharp

RAPIDA 75 E

Sheet format	
maximum (standard/option)	530 x 750 / 605 x 750 mm
minimum (straight/perfecting)	330 x 330 / 350 x 330 mm
Print format	
standard/option (straight mode)	510 x 735 / 585 x 735 mm
standard/option (perfecting mode)	500 x 735 / 585 x 735 mm
Substrates¹	
standard	0.04 - 0.6 mm
option	0.04 - 0.8 mm
Production speed²	
standard	15,000 sph max.
option	16,000 sph max.
Pile height	
feeder	840 mm
delivery	920 mm
Plate and blanket formats	
plate size (standard/option)	605 x 745 / 660 x 745 mm
copy line (standard/option)	47.5 / 37.5 mm
blanket size	745 x 740 mm

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¹ Printability also depends on substrate stiffness

² Depends on individual processing parameters, eg the inks and substrates used

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Koenig & Bauer AG**

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