

## Technical data

### KBA RAPIDA 66

Max. sheet format:	485 × 660 mm
Min. sheet format:	225 × 297 mm
Max. print format:	475 × 650 mm
Max. print format in perfecting:	465 × 650 mm
Max. printing speed:	10.000 sheets /h
Substrate range:	0,04–0,45 mm
Printing plate dimensions (without/with SAPC):	530 × 660 mm / 550 × 660 mm
Pile height at feeder:	940 mm
Pile height at delivery:	780 mm



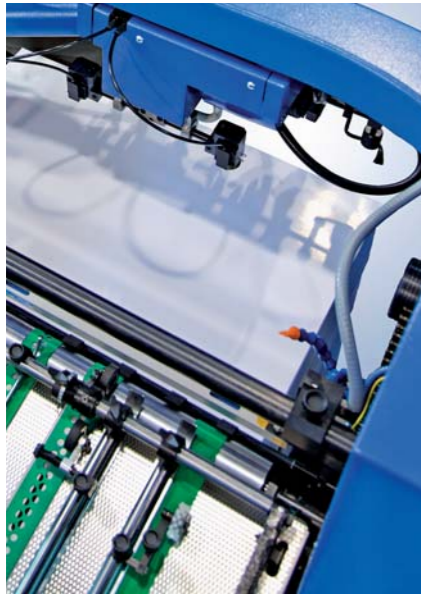
## KBA RAPIDA 66

#### KBA RAPIDA 66 manufactured by Koenig & Bauer AG

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# KBA RAPIDA 66



## Technical data

The new RAPIDA 66 sheetfed offset press from the family of traditional printing press manufacturer KBA offers A2 performance for the price of B3, and it is almost predestined to serve small and medium printing shops. Its compactness and small footprint meet exactly the requirements of the market, and it is at the same time extremely versatile with its optional convertible perfecting or inline dispersion coater.

Fast makereadies, together with a CIP4 interface and superb print quality, make the RAPIDA 66 the ideal choice for your cost-effective print production.

### ■ Feeder

- Pallet feeder with pile centering for increased productivity
- New feeder head for ergonomic control
- Antistatic device
- Suction-belt feed table with antistatic surface finishing
- 70% sheet slow-down for optimum sheet arrival at the front lays
- Adjustment of pick-up suckers at the feeder head for enhanced feeding performance with thin papers

### ■ Sheet monitoring

- Ultrasonic and electromechanical double sheet detectors
- Electropneumatic overshoot protection for double or skewed sheets

### ■ Printing unit

#### Inking and dampening

- Segmented ink duct blade with carbide tips and ceramic-coated ink duct roller
- High reproducibility through wearfree ink metering
- Speed-compensated ink duct roller for constant ink transport

- Oscillating forme rollers (first and fourth rollers) for increased print quality
- Optional inking unit temperature control for a stable printing process
- Speed-compensated film dampening for a stable ink-water balance
- Differential drive to eliminate hickeys

#### Automatic plate change (SAPC)

- Comfortable plate change takes approx. 1 minute per printing unit

#### Washing systems

- Automatic washing of the inking rollers
- Automatic washing of the blanket
- Individual programming and central control of the washing programs

#### Register

- All register settings – axial, radial and diagonal – are easy to operate from the touchscreen at the delivery or from the ErgoTronic console
- Diagonal register achieved through tilting of the transfer drums

#### Universal gripper system

- KBA's patented gripper pads with

elastic surface for enhanced sheet travel

- Universal gripper bars, adjustment free when changing substrate thickness
- Ceramic-coated gripper tips for maximum holding force

### ■ Convertible perfecting

- Flexible 3-cylinder perfecting
- No speed or substrate limitations
- Excellent register quality for both straight printing and perfecting

### ■ Inline coater

- Optional inline coater for solid or spot dispersion coating

### ■ Delivery

- Pallet delivery for convenient handling
- Variety of IR and hot-air dryers according to the press configuration
- Light barriers complying with European safety standards
- Non-stop delivery for continuous production

### ■ Operating concept

#### ErgoTronic console

- 15" TFT touchscreen for ergonomic access to all press functions
- USB port for fast communication of job data
- CIP4 interface for use of pre-press data to shorten makereadies
- No need for investment in a data converter

#### Delivery touchscreen

- TFT colour display at delivery for complete control of the press
- User-friendly operation by means of clearly arranged icons
- All automated features are controlled from one screen

#### ErgoTronic-InkControl

- Remote control of the ink keys and registers from the delivery touchscreen without the need for the ErgoTronic console
- Ideal solution for two-colour presses or where floor space is limited

### ■ Quality control

#### DensiTronic

- Fully automatic control of the density
- Guide rail with integrated vacuum system
- Measurements performed on a linear pass across the colour bars on the front edge of the sheet
- Detachable measuring head for individual measurements at any point of the sheet
- Measured density values or proposed corrections are displayed on the touchscreen
- Auto-densitometer functions allow for fast automatic ink profile changes

#### Techkon RS400

- Semi-automatic density measurement
- Free positioning of the colour bars on the sheet
- Detachable measuring head for individual measurements at any point of the sheet
- Measured density values or proposed corrections are displayed on the touchscreen
- Auto-densitometer functions allow for fast automatic ink profile changes