Rapida 105 PRO – Best in Class
Rapida 105 PRO: Ready for the future with even higher productivity

Whether for commercial printing, packaging or labels – unconditional technology transfer from the makeready world champion press Rapida 106 positions the Rapida 105 PRO firmly in the upper performance segment.
The new medium-format generation offers fascinating prospects for the development of additional markets and new fields of business. And its stunning flexibility translates into practically universal suitability.

Numerous automation components stand for preset capabilities at the highest level. Both commercial and packaging printers will be delighted. Rapida 105 PRO offers a tailored solution for every application.

With non-stop systems for the DriveTronic feeder and AirTronic delivery, where necessary integrated into a fully automatic logistics system, the press shines as a dependable and never-tiring long-distance runner. On top of that, the double-coating technology opens up a sheer endless spectrum of possibilities for inline finishing.

Rapida 105 PRO – best in class
- DriveTronic feeder with a centre suction belt
- New gripper systems
- Optimised inking units
- Venturi sheet guiding
- KBA VariDry dryer technology
- Further extended automation
- AirTronic delivery

Look forward to significantly enhanced flexibility and automation! Look forward to the Rapida 105 PRO!
Rapida 105 PRO

Suction-belt feed table and operating panel at the infeed
DriveTronic feeder for perfect pile management

The DriveTronic technology is unique in the world. With the DriveTronic feeder, numerous preset values defined for format and air settings can be called up and applied automatically. The presetting data are sent directly from the ErgoTronic console to the digital controllers on the press by way of the job changeover program JobAccess.

The whole makeready process on the feeder runs parallel to all other makeready functions. The Rapida 105 PRO thus incorporates the exact same technology as the Rapida 106.

**DriveTronic feeder**
- High-performance feeder head with simple handling
- Feeder motions controlled via 4 servo motors
- Continuous, stepless pile lifting with automatic speed compensation (paper/board)
- Automatic, speed-compensated air settings
- Antistatic rear-edge separating air
- Automatic format setting
- Automatic pile side edge alignment
- Front-edge pile height sensing with automatic compensation of the feeder head height
- Skew-sheet correction at the feeder head during production
- Quick-start function

**Suction-belt feed table**
- Centre suction belt without roller arm
- Electronically controlled sheet deceleration
- 4 suction chambers with individual vacuum regulation

**Vacuum side lay**
- Marking-free alignment process
- Multi-chamber vacuum system to permit matching to different substrates
- Included in automatic format setting

**Infeed**
- 100% preset capability
- Remote-controlled parallel and skew adjustment of the feed line
- Remote-controlled adjustment of the front lay cover height
- Touchscreen display with direct function keys for reliable and intuitive press operation

**Sheet monitoring**
- Ultrasonic double-sheet detector, also for inhomogeneous materials
- Multiple-sheet detector
- Optical skew-sheet and side lay sensors
- Optical front lay sensors with electropneumatic overshoot blocking
- Mechanical crash bar

**Non-stop operation at the feeder**
- Fully automatic non-stop feeder with rake system in conjunction with PileTronic
- Non-stop system with individual rods for uninterrupted production during pile changes
- Pile insertion and removal possible from all three sides
Thanks to consistent implementation of the platform concept, the Rapida 105 PRO reaps the benefits of technology transfer from the Rapida 106 and now possesses an identical high-performance perfecting unit.
Perfecting

Sheet travel
- Gentle, air-cushioned sheet travel with blower systems and Venturi guide plates
- Automatic setting of the substrate thickness
- Removable sheet guide plates

Universal gripper system
- No adjustments required to accommodate changes in substrate thickness
- Coated gripper tips and structured gripper pads for maximum holding force
- Gripper pads and tips can be replaced individually
- Increased gripper shaft diameter

Register setting
- Remote setting of lateral, circumferential and diagonal register
- Diagonal register achieved by tilting the transfer drums
- ErgoTronic ACR for automatic and exact register checking and correction

Perfecting
- Proven three-drum configuration for exact perfecting register
- Special perfecting drum gripper system handling a broad substrate range
- Fully automatic conversion between straight and perfecting mode in approx. 2 minutes
- Twisting suckers spread the rear edge of the sheet tight on the storage drum

Sheet guiding after perfecting
- Jackets on the impression cylinders
- Anti-marking coat on the drum shells
- Venturi sheet guide plates
- Air settings made at the ErgoTronic console can be saved and recalled for repeat jobs
- Sheet travel sensor
- Video system to observe sheet travel in the delivery

Available perfecting configurations
- All variants (without coating) up to 10 printing units
- Special configurations upon request

The fully automatic perfecting facility is characterised by its safe and simple handling and shortened makeready times.

The whole package of the Rapida 105 PRO, with its automation components and CleanTronic washing systems, is geared to enhanced efficiency and profitable operation.
Inking unit with DriveTronic technology

The Rapida 105 PRO is now available with DriveTronic SRW (Simultaneous Roller Wash). The feature to disengage unused inking units is here augmented with a DriveTronic drive. Roller washing can then be performed as a completely independent process, and naturally also parallel to other makeready processes. If the unit concerned is not required for the current job, the corresponding makeready can even be realised during on-going production. Where frequent ink changes are required, this enables an optimum reduction of makeready time.

**DriveTronic SRW (Simultaneous Roller Wash)**
- Inking unit incorporating dedicated drive technology
- Roller washing parallel to other makeready processes (except plate change)
- Independent roller washing, also during production
- Extreme makeready savings

**ColorTronic ink duct**
- Ink-repellent coating EasyClean
- Makeready shortened by up to 50%
- Ink keys with carbide blades and ceramic-coated ink duct roller
- Remote control of the ink keys
- Wear-free ink metering ensures accurately reproducible settings
- Ink duct roller speed compensated to the press speed

**Inking unit**
- Faster-reacting inking unit
- Remote setting of vibrator frequency and blocking from the control console
- Ink train separation with impression-off
- Automatic adjustment of the oscillation timing from the control console
- Ink forme roller oscillation
- Inking unit temperature control for duct roller and oscillating distributors
- Individual engaging/disengaging of inking units from the console for reduced roller wear and minimised makeready times
- Simultaneous washing of blanket and ink rollers

**Dampening unit**
- New, speed-compensated Varidamp film-type dampening unit for a stable ink-water balance
- Skewing of the dampening duct roller to adapt dampening solution distribution across the press width
- Differential drive to eliminate hiccups, activated from the control console during production
Diversity of plate changing choice

By catering for individual job structures and press manning practices, the Rapida 105 PRO also leaves no wish unanswered when it comes to makeready savings at job changeover.
Between a convenient manual variant and fully automatic plate change – the choice is yours. And even with the simplest solution, the Rapida 105 PRO provides for fast and precise positioning of the plate on the cylinder.

**SAPC (Semi Automatic Plate Change)**
**Automated plate change**
- Pneumatic opening and closing of the plate cylinder guard
- Automatic rotation to the change positions
- Automatic clamping and tensioning of the plate
- Divided rear plate clamps

**FAPC (Fully Automatic Plate Change)**
**Fully automatic plate change**
- Automatic plate change on the whole press after program start at the control console
- Parallel changing in several printing units, completed in 3 cycles
- New, optimised change process
- Divided rear plate clamps

**Register setting**
- Remote setting of lateral, circumferential and diagonal register
- Diagonal register achieved by tilting the transfer drums
CleanTronic washing systems: Efficiency and sustainability

Washing during long runs and at job changeover is usually a time-consuming procedure, but at the same time simply necessary to guarantee constantly high print quality.

Here, too, the Rapida 105 PRO is ideally prepared. Individually customised washing system configurations contribute to process automation. Parallel functions and the preselection of washing programs matched to job-specific needs ensure a perfect washing result in the shortest possible time.

CleanTronic roller washing
- Individual programming and central control of washing programs

CleanTronic blanket and impression cylinder washing
- Swing-action washing beam for combined blanket and impression cylinder washing
- Individual programming and central control of washing programs
- Parallel washing of rollers and blanket
- Use of dry cloth or ready-impregnated cloth rolls
- Indication of washing cloth consumption at the control console

Makeready saving with CleanTronic

<table>
<thead>
<tr>
<th>Blanket washing</th>
<th>Roller washing</th>
<th>Blanket washing</th>
<th>Roller washing</th>
</tr>
</thead>
<tbody>
<tr>
<td>Without parallel washing processes</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>0</td>
<td>1</td>
<td>2</td>
<td>3</td>
</tr>
</tbody>
</table>
| With CleanTronic | | | | 3 min Time saving
| 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 |

12
CleanTronic Multi
- Multiple-media washing system permitting the use of different ink systems
- Separate solvent circuits permitting fully automatic switching from conventional to UV inks
- Fast system switching (between conventional and UV)
- System and washing program selection at the control console

"PrintClean" function
- Targeted stripping of the remaining ink from plate and blanket (using a preselected number of sheets)
- Reduced blanket washing times and material consumption
- Can replace blanket washing for short runs

CleanTronic UV
- WashTronic safety function to eliminate waiting times before and after cylinder washing in UV mode
- More efficient makeready and longer service life for UV lamps
Rapida 105 PRO:
Best in class
**Rapida 105 PRO**

**Cutting-edge console technology:**
*Made by Koenig & Bauer*

- Touchscreen with intelligent menus and intuitive access to all operator functions
- Job changeover program JobAccess for fully automatic and coordinated makeready at the press of a button
- Job profiles with preset capabilities
- Integrated remote maintenance module with Internet link for remote maintenance and software updates
- Integration with the Koenig & Bauer management system LogoTronic

**AirTronic delivery:**
*Rapida 106 inside*

- Sophisticated Venturi air-cushioned sheet travel through to precise sheet delivery enables even sensitive substrates to be handled at full production speed
- Speed-compensated and format-dependent powder metering
- Suction roller brake with pre-suction plate and variable speed for optimum sheet deceleration
- Extended delivery to enhance productivity when coating
- Non-stop solutions for uninterrupted production and smooth pile changes
**VariDry drying systems:**
*Ecological and efficient*

- High-performance VariDry IR/hot air, VariDry LED-UV and VariDry HR-UV dryers
- Dryer control in accordance with pile temperature
- Lamp replacement without tools
- VariDryBlue technology for enhanced energy efficiency

**Coater:**
*Shining finishes*

- State-of-the-art chamber blade technology and lightweight anilox rollers
- Hydropneumatic chamber blade control for constant and even coating application
- Coating supply system for dispersion and UV coatings in separate circuits
- Choice of application-oriented clamping systems
- Register setting from the press console

**CleanTronic:**
*Washing systems with class*

- Parallel washing processes and job-specific, preselected washing programs
- CleanTronic roller washing system
- CleanTronic blanket and impression cylinder washing system with swing-action washing beam for combined blanket and impression cylinder washing
- CleanTronic Multi multiple-media washing system permitting the use of different ink systems
- CleanTronic UV safety function to eliminate waiting times before and after cylinder washing when printing with UV inks
**Plate change:**
*Suiting all preferences*

- Diversity of solutions matched to individual job structures and press manning practices
- Automated plate change SAPC (Semi-Automatic Plate Change) for automatic rotation to the change positions
- Faster, optimised change process for fully automatic plate change FAPC (Fully Automatic Plate Change), including register zeroing

**Inking unit:**
*Performance in colour*

- Ink-repellent coating of the ink duct
- Cleaning time reduced by up to 50%
- Inking unit incorporating dedicated drive technology
- Roller washing parallel to other makeready processes (except plate change)
- Independent roller washing, also during production
- Extreme makeready savings
- Individual engaging/disengaging of unused inking units
- Inking unit temperature control for duct roller and oscillating distributors, especially advantageous for waterless technology
- Speed-compensated Varidamp film-type dampening unit for a stable ink-water balance
- Differential drive to eliminate hickeys

**Printing unit: Register-true and with perfect precision**

- Substructure cast in a single piece for high torsional rigidity and stability
- Double-size impression cylinders and transfer systems for low-curvature sheet travel
- Continuous gear train for smooth running and excellent precision
- Venturi air-cushioned sheet travel for contact-free sheet transfer
- Universal gripper system adapts seamlessly to changes in substrate thickness
- Remote setting of lateral, circumferential and diagonal register
- Automatic register measurement and correction with ErgoTronic ACR
DriveTronic feeder: 
Drive technology par excellence

- DriveTronic feeder for continuous, stepless pile lifting with automatic speed compensation for paper and board
- Suction-belt feed table with electronically controlled sheet deceleration to ensure optimum sheet arrival speed at the front lays
- Vacuum side lay for a marking-free alignment process
- Quick-start function
- Ultrasonic double-sheet detector, also for inhomogeneous materials
- Fully automatic non-stop feeder
- User-oriented automation
Inline finishing is nowadays the icing on the cake for every print process. Whether for straightforward protection or as a design element on commercial products, whether for special effects or spot coating in high-quality packaging printing and a broad range of special applications – the coater of the Rapida 105 PRO is ready to master all challenges.

State-of-the-art chamber blade technology with lightweight anilox rollers, separate coating supply circuits and console integration make handling a real pleasure.

**Chamber blade system**
- Hydropneumatic control for constant and even coating application
- Lightweight anilox rollers ensuring fast and user-friendly replacement

**Coating supply system with 100% console integration**
- Fully automatic cleaning for dispersion and UV coatings
- Cleaning time: Simple coating change in approx. 1 to 2 minutes (dispersion ←→ dispersion; UV ←→ UV)
- Cleaning time: Complete coating change in approx. 8 to 10 minutes (dispersion ←→ UV)
- Central control via the press console

**IVL sensor (Intelligent Viscosity Logic)**
- Coating level monitoring and viscosity-dependent pump control
- No more risk of coating starvation

**Coating forme change**
- Universal clamps for blankets and coating plates
- Quick-release clamps for coating plates with register system for automated forme change (change time: 1 minute)
- Remote pressure setting
- Remote adjustment of lateral and circumferential register from the press console

Shining innovation: Most modern coating technology in its class
VariDry drying systems: HR and LED-UV ready

As production speeds increase, ever greater demands are placed on dryer efficiency. The Rapida 105 PRO is equipped with high-performance dryers from the VariDry family.

Perfect drying results are thus practically guaranteed — for both conventional and UV applications. With the VariDryBlue technology, the additional aspect of energy efficiency is shifted into the spotlight. In that way, the print process gains significantly in terms of ecology.

VariDry IR/hot air
- IR/hot-air drying with stepless control
- Can be installed as final dryers, as intermediate dryers or in a dryer tower
- Carbon twin lamps with IR power rating of 60 W/cm
- Lamp replacement without tools
- Dryer control on the basis of pile temperature

VariDry UV
- Compact dryer module with UV power rating of 160 W/cm (stepless control)
- Can be installed as final or interdeck dryers
- Lamp replacement without tools
- Automatic pile temperature measurement
- Lamp-specific acquisition of operating hours, irrespective of installation position
- CleanTronic UV to shorten the waiting times when washing

VariDry HR-UV
- Use of specially doped mercury lamps in a flexible modular system
- Lamps matched precisely to highly reactive inks
- Stepless adjustment of the lamp power between 80 and 200 W/cm
- Reduced energy costs through job-specific setting of the lamp output
- A single HR-UV module is sufficient for the curing of up to 5 highly reactive inks printed "wet-in-wet"
- Ozone-free HR-UV lamps eliminate the need for emission extraction systems in the delivery
- Fast and simple module exchange thanks to reliable, plug-in media connectors
- Universal KBA dryer module design allowing the use of different UV lamps

VariDryBlue
- System variant for enhanced energy efficiency
- Energy saving potential up to 50% compared to conventional IR/hot-air dryers
- Unsaturated dryer air recirculated within the extended delivery
- Controlled via the press console
VariDry LED-UV

- UV lamps in flexible modular design, using light-emitting diodes
- No maintenance expense
- Wavelength matched exactly to special, highly reactive LED inks
- No warm-up phase and no standby mode necessary

- UV output can be adjusted to the format width and length
- Very long service life
- Mercury-free
- Minimal heat input into the print substrate
- Same scope of applications as HR-UV dryers
Further modified for perfect aerodynamics, the delivery of the Rapida 105 PRO adopts the underlying concept of the Rapida 106.
The new air-cushioned sheet transport ensures reliable and scratch-free delivery of an especially broad spectrum of substrates – even at the highest production speeds. All digital settings for the AirTronic delivery can be preset and saved for later recall.

Sheet travel
- High-level delivery for smooth sheet transport
- Touchscreen display with direct function keys for reliable and intuitive press operation
- Venturi air-cushioned sheet guiding
- Speed-compensated gripper opening cam for a broad range of substrates
- Fan modules and blower bars promote optimum pile formation
- Standard-compliant light barriers to guard the hazardous area

Powder sprayer
- Speed-compensated and format-dependent powder metering
- Possibility for integration of powder extraction

Sheet brake
- Suction roller with pre-suction plate and variable speed to facilitate smooth sheet delivery
- Suction rings can be deactivated in pairs

Sheet brake for perfector presses
- Dynamic sheet brake with speed-compensated suction belts
- Maximum utilisation of the sheet format when printing on the reverse
- Automatic format adjustment for the suction belts
- Deactivation of individual suction modules from the console
- Substrate-dependent control of suction power
- Simple replacement of suction modules
- Emission Extraction System EES
- Extraction of emission-laden air from the delivery

Extended delivery
- Extension length 2,400 and 3,800 mm
- Enhanced productivity when coating thanks to longer time for drying

Non-stop operation at the delivery
- Non-stop pile change possible at full production speed
- Lowerable non-stop roller rack extended automatically above the main pile
- Sensor monitoring for lifting/lowering of main and auxiliary piles
- Alternative: Non-stop system without lowering capability for smaller pile heights or several product piles on a single pallet
ErgoTronic console technology: New and simple operating philosophy

Thanks to comprehensive console and preset capabilities, alongside an ergonomically arranged and intuitive user interface, work on the Rapida 105 PRO is child’s play. All operating functions are clearly structured for process-oriented access via the modern touchscreen monitor.

Additional touchpanels with direct function keys help to maximise operator convenience at the feeder and delivery – directly on the press itself. The Rapida 105 PRO also possesses tailored workflow components for integration into company-wide production control and management systems.

**ErgoTronic**
- Wallscreen for visualisation of all press settings
- Live image from QualiTronic ColorControl on wallscreen
- ColorTronic ink metering with ink profile displays on console
- Integration with existing DensiTronic Professional possible
- Sheet inspection desk with adjustable desk angle
- Motorised console height adjustment with memory function
- USB port for fast communication of job data
- Uninterruptible power supply to enable controlled press shutdown in case of power supply failure
- Integrated remote maintenance module with Internet link for remote maintenance and software updates
Control console functions
(dependent on incorporated options)
• Job changeover program JobAccess for automatic job presetting
• Job-specific saving of all relevant press parameters for repeat jobs
• Remote register setting
• Control for all peripheral equipment
• Maintenance indicator and print-outs of maintenance lists
• Unbroken production data acquisition in conjunction with LogoTronic Professional
• Creation and printing of pile dockets
• Preview images

TouchTronic operating functions
• Touchscreen for intuitive access to all press functions
• Less start-up waste thanks to new functions to establish ink profiles
• All operating functions accessible with no more than two clicks
• Job list with preview images and functions for job order optimisation based on ink coverage data
• Uncomplicated handling of spot colours

Job changeover program JobAccess
• Preparation of the next job while production is still running
• Makeready savings up to 50%
• Automatic execution of all preselected makeready processes in time-optimised order
• Presetting of format and substrate thickness
• Presetting of all substrate-specific air settings
• Job-specific presetting of ColorTronic ink metering
• Preselection and activation of washing functions

Specials/process automation
ErgoTronic AutoRun
• Autonomous execution of a prepared job list (especially in commercial printing)
• Makeready tasks, production, and colour and register control run automatically as elements of a single integrated process
• Sheet counter is started automatically when the target colour densities are attained
• Operators simply monitor the process sequence and are relieved of routine tasks

ErgoTronic console with integrated measuring systems
• In addition to the standard ErgoTronic features
• Sheet inspection desk as vacuum board with fixed desk angle
• ErgoTronic ColorControl for density and Lab measurements
• ErgoTronic ICR for register control

CIPLink
• Ink profile presetting via CIP3 data

LogoTronic Professional
• Comprehensive management system
• CIP3/CIP4 interface to prepress
• JDF/JMF or XML interface to an MIS
• Order management
• Press presetting
• Master data, including central ink database
• PressWatch for graphic representation of the overall production process
• SpeedWatch for graphic representation of job progress
• Automatic saving and management of all quality reports

Rapida LiveApps
• Mobile console with press status information, consumables tracking (option), maintenance manager and PressCall
• Calculation and display of current energy consumption via an optional metering function
• Determination of carbon footprints
• Inventory management and consumables monitoring
When printing on heavier substrates, pile changes are especially frequent. That means: Stop the press, switch the full and empty pallets, restart the press – all very time-consuming.
Non-stop pile-changing facilities are the obvious solution. Non-stop systems at the feeder and delivery allow for uninterrupted production and smooth pile changes. Naturally at full production speed. Still not enough? Logistics installations tailored to your individual production environment are child’s play with PileTronic.

**Non-stop operation at the feeder**
- Non-stop system with individual rods for uninterrupted production during pile changes
- Fully automatic non-stop system with sensor-monitored rake for pile transport and pile reunion
- Pile insertion and removal possible from all three sides

**Non-stop operation at the delivery**
- Non-stop pile change possible at full production speed
- Lowerable non-stop roller rack extended automatically above the main pile
- Sensor monitoring for lifting/lowering of main and auxiliary piles

**PileTronic**
- Networking of press control, non-stop pile changing systems and pallet supply for efficient print production
- Proven logistics modules
- Elaboration of customer-specific solutions
- Pallet-free paper supply possible
Koenig & Bauer offers a broad spectrum of services addressing all aspects of your sheetfed offset press, founded on the three main pillars “Service Select”, “Service Complete” and “Press Consum”.

“Service Select” refers to services which are directly connected with the technology and equipment of your press. The prime objectives are to avoid downtimes and to maximise availability – as the basis for ultimate performance. Whether reactive service in an emergency case or preventive measures to avert the risk of damage: Swift processing of your calls holds top priority and is handled by our professional remote maintenance service. If it is necessary to replace any press component, our efficient spare parts supply system ensures that deliveries reach you as quickly as possible. And to prevent such emergencies arising in the first place, we offer you a range of preventive maintenance inspections, as well as corresponding retrofits and upgrades for both hardware and software. “Service Select” provides a suitable solution for all your technical needs.

“Service Complete” comprises services which are designed to safeguard and improve your productivity. Analyses and optimisation measures ensure that your press continues to print with maximum performance and at maximum capacity. Performance capabilities are documented to enable you to intervene before a trend reversal actually takes effect. In addition, “Service Complete” supports the assessment and consequent improvement of your production processes, right through to planning of overall print company structures. Alongside press and process optimisation, we offer
opportunities for further training of your personnel by our experienced instructors. That, too, is a means to optimise press operation. Wherever the potential lies, the “Service Complete” programme is your versatile key to improvement, development and increased efficiency.

Suitable consumables are a decisive prerequisite for optimum use of your sheetfed offset press. High-quality inks provide for brilliant print results, and with the best cleaning solvents, your press remains in top condition. Waste, for example, can be reduced significantly. But you must usually obtain all these different consumables from a multitude of individual suppliers. To help you with your purchase decisions, we have tested the quality and performance of various products from renowned consumables suppliers. The ideal products for use on your high-performance Rapida press are recommended as part of our consumables programme.
### Technical data

#### Sheet format

<table>
<thead>
<tr>
<th>Format</th>
<th>Minimum (straight/perfecting mode)</th>
<th>Maximum (straight/perfecting mode)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Straight</td>
<td>360 × 520 / 400 × 520 mm</td>
<td>740 × 1,050 / 740 × 1,050 mm</td>
</tr>
</tbody>
</table>

#### Print format

<table>
<thead>
<tr>
<th>Format</th>
<th>Minimum (straight/perfecting mode)</th>
<th>Maximum (straight/perfecting mode)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Straight</td>
<td>740 × 1,040 / 770 × 1,040 mm</td>
<td>750 × 1,050 / 780 × 1,050 mm</td>
</tr>
</tbody>
</table>

#### Substrates

- Standard: 0.06 – 0.7 mm
- with board-handling package (from approx. 450 g/m²): up to 1.2 mm
- with corrugated package: up to 1.4 mm
- Perfector press: up to 0.7 mm
- Gripper margin: 10 mm

#### Production speed

- up to 9 printing units with coater or 10 printing units: 17,000 sheets/h
- Perfector press up to 10 printing units in straight mode: 17,000 sheets/h
- Perfector press up to 10 printing units in perfecting mode: 15,000 sheets/h

#### Pile heights from floor

<table>
<thead>
<tr>
<th>Component</th>
<th>Height (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Feeder</td>
<td>1,250</td>
</tr>
<tr>
<td>Feeder in non-stop operation</td>
<td>1,000</td>
</tr>
<tr>
<td>Delivery</td>
<td>1,200</td>
</tr>
<tr>
<td>Delivery in non-stop operation</td>
<td>900</td>
</tr>
</tbody>
</table>

#### Standard plate and blanket dimensions (format length 750 mm)

<table>
<thead>
<tr>
<th>Component</th>
<th>Size (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Plate size</td>
<td>795 × 1,050</td>
</tr>
<tr>
<td>Standard copy line</td>
<td>56</td>
</tr>
<tr>
<td>Blanket size</td>
<td>860 × 1,060</td>
</tr>
</tbody>
</table>

#### Special plate and blanket dimensions (format length 780 mm)

<table>
<thead>
<tr>
<th>Component</th>
<th>Size (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Plate size</td>
<td>850 × 1,050</td>
</tr>
<tr>
<td>Standard copy line</td>
<td>43</td>
</tr>
<tr>
<td>Blanket size</td>
<td>880 × 1,060</td>
</tr>
</tbody>
</table>

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¹ Printability is also influenced decisively by the flexural rigidity of the substrate

² Dependent on individual processing parameters, e.g. the inks and substrates used
### Available configuration variants (selection)*

<table>
<thead>
<tr>
<th>General</th>
<th>Inking unit</th>
<th>Delivery</th>
</tr>
</thead>
<tbody>
<tr>
<td>Substrate range: 0.06 to 0.7 mm (maximum production speed dependent on substrate rigidity)</td>
<td>Rollers for conventional inks</td>
<td>Suction roller with individually controlled suction rings</td>
</tr>
<tr>
<td>Accessory package CX for board up to 1.2 mm</td>
<td>Rollers for UV inks</td>
<td>Dynamic sheet brake (for perfector presses only)</td>
</tr>
<tr>
<td>Accessory package for lightweight paper from 0.04 mm</td>
<td>Inking unit temperature control</td>
<td>Air settings with preset capabilities</td>
</tr>
<tr>
<td>Accessory package for films and plastics</td>
<td>Ink duct roller cooling</td>
<td>Automatic non-stop roller rack, lowerable</td>
</tr>
<tr>
<td>Accessory package for UV applications</td>
<td>Ink agitators</td>
<td>Powder sprayer with console integration and antistatic function</td>
</tr>
<tr>
<td>Dryer tower</td>
<td>Hickey pickers</td>
<td>Powder extraction</td>
</tr>
<tr>
<td>Coater</td>
<td>Rainbow printing accessories</td>
<td>EES (Emission Extraction System)</td>
</tr>
<tr>
<td>Numbering unit</td>
<td>Ink supply system with console integration</td>
<td>Delivery extension for dryer installations</td>
</tr>
<tr>
<td>Perforating unit</td>
<td>Coated ink duct surface</td>
<td></td>
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<tr>
<td>Corona unit</td>
<td>DriveTronic SRW (Simultaneous Roller Wash)</td>
<td></td>
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<td></td>
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<td></td>
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<tr>
<td>Feeder</td>
<td>Differential drive</td>
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<tr>
<td>High-performance antistatic system, including side blowers with ionised air</td>
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<tr>
<td>Automatic non-stop facility with pile board</td>
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<tr>
<td>Automatic non-stop facility for pile logistics</td>
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<tr>
<td>Free-standing pre-piling fixture</td>
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<td>Reel sheeter</td>
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<tr>
<td>Infeed</td>
<td>Wash systems</td>
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<tr>
<td>Vacuum side lay</td>
<td>CleanTronic blanket/impression cylinder and roller washing</td>
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<tr>
<td>Dust extraction</td>
<td>CleanTronic Multi for alternating ink systems</td>
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<tr>
<td>Intercom between infeed and delivery</td>
<td>CleanTronic Impact with pre-impregnated cloth</td>
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<td></td>
<td>CleanTronic UV</td>
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<td>CleanTronic SRW</td>
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<td>PrintClean function</td>
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<tr>
<td>Printing unit</td>
<td>Coater</td>
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<tr>
<td>Venturi sheet guiding</td>
<td>Coater with chamber blade</td>
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<tr>
<td>Sheet travel sensors</td>
<td>Automated plate change</td>
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<tr>
<td>Automated plate change SAPC</td>
<td>coating plates</td>
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<tr>
<td>Fully automatic plate change FAPC</td>
<td>Automated plate change for coating plates</td>
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<td>Circuit for alternating use of different coating types</td>
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<td></td>
<td>Coating supply with electric coating pumps</td>
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<td></td>
<td>Coating supply and cleaning system for dispersion coating, with console integration</td>
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<tr>
<td>Perfecting</td>
<td>Coating supply and cleaning system for dispersion and UV coating, with console integration</td>
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<tr>
<td>Three-drum perfecting unit</td>
<td>Specialty Coating Circulator</td>
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<td>Jackets on impression cylinders after perfecting</td>
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<tr>
<td>Anti-marking coating on drum shells after perfecting</td>
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<tr>
<td>Video system for sheet travel monitoring</td>
<td>Coating heater</td>
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</tbody>
</table>

* Subject to design modifications without notice. Table contains optional equipment (not included in the basic price of the press).