Category	Desktop Full-colour label printer
Printing method	Thermal inkjet printing
Print speed	approx. 13.2cm/s in standard mode
Print quality	Max. 1200 x 1200 dpi
Print width	Max. 210 mm
Print length	Max. 1219,2 mm
Ink	Water-based, solvent-free special ink (CMYK): K (Dye / Pigment / Nanopigment) - 78ml CMY (Dye / Pigment) - 26ml
Printhead	Replaceable, Unfilled (Empty)
Label feed / detection	Sensor-monitored label feed with automatic feed (Auto-Feed) and label detection (Auto-Teach)
Label sensors	Movable light sensor for contour-cut labels (Gap) Reflective sensor for marking strips (Blackmark)
Supported label types	Die-cut label (Die-Cut / Gap) Label with black markings (Blackmark) Endless label (Continuous) Zigzag fold (Z-Fold) Paper sheet e.g. DIN-A4 (cut sheet)
Printer models	STANDARD with manual tear-off edge CUTTER with automatic label-cutting function (circular blade) PEELER with integrated label dispensing function
Interfaces and network connection	USB 2.0 / LAN (Ethernet) / 24V PLC control
Supported operating systems	Windows® 11, 10, 8.1, 8, 7
External power supply	100 - 240 V alternating voltage / Frequency: 50 - 60 Hz
Memory (RAM)	32 MB
Weight	approx. 15 kg
Dimension	207 x 486 x 330 (h x w x d mm)
Service	12 months manufacturer's warranty 24, 36, 48 or 60 months bring-in warranty extension 24, 36, 48 or 60 months exchange warranty extension includes a personal contact person in the manufacturer's direct sales department, Warranty & Service, Free technical telephone / mail support

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If you can think it, we can ink it

ILP-4200
Inkjet-Label-Printer

Compact colour label printer with optional cutter or peeler function.

IF YOU CAN THINK IT, WE CAN INK IT.

ILP-4200 – Industrial Colour Label Printer

INEXPENSIVE, FLEXIBLE AND VERSATILE

The ILP-4200 is a compact color-label printer with an optional cutter or peeler function. This allows you to directly process the cut or peeled label, saving time and unnecessary processing steps. The versatility of this printer makes it valuable to use in production, logistics, automation, and wherever high-quality color labels are needed to be printed on demand. It doesn't matter if it is a single label or a whole roll. Depending on the application and the label materials, you can seamlessly switch between large, low-cost pigment and dye ink cartridges. Simple and intuitive control and operation of the printer are possible via the display and the software supplied. With a USB, Ethernet, and 24V PLC interface, the printer can be used in a wide range of environments from desktop devices to automation.

MODELS

ILP-4200 STANDARD & CUTTER

STANDARD & CUTTER: Colour label printers for on-demand printing of labels in small and medium quantities.

PEELER: Industrial print-on-demand inkjet label printer with peeling function for integration into fully automated applications.

ILP-4200 PEELER

The ILP-4200 combines versatility, reliability, and performance in one affordable package.

No manual setup is necessary!

The latest generation of the ILP automatically feeds the labels when they are created, reads the label dimensions and displays them in the user interface. We support all customary media types from Blackmark to Z-Fold.

Clogged print head? A thing from the past.

The print head can be replaced without prior knowledge within seconds if the print head is defective / dried up or if the type of ink used simply needs to be changed. If the printer is not in use for a longer period, the print head can be removed and sealed airtight. This saves time and money because the print head does not have to clean itself regularly and there is no risk of it drying out - not to mention the power consumption. When the printer is needed again, simply switch it on, insert the print head incl. the ink cartridge and the printer is operational again.
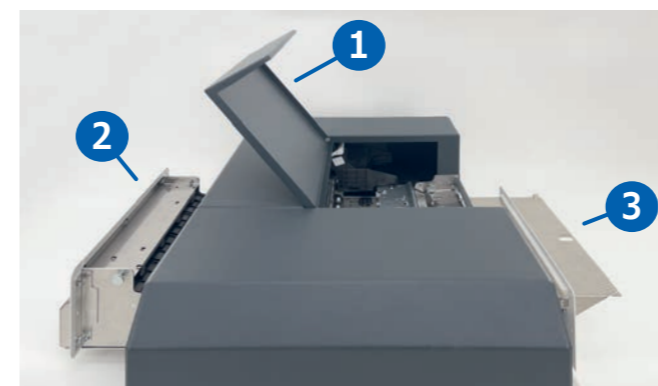
Professional print results.

Ideal for small to medium print volumes. No more large amounts of minimum orders at print shops. Quickly design and print a variety of labels. Customized labels on demand for your customers. With a print width of up to 21 cm, a print speed of up to 13 cm per second, and a print resolution of 1200 x 1200 dpi, you can achieve professional print results. Due to the large ink tanks, larger print volumes

can also be handled. The free-form sensor enables printing in numerous formats and any shape.

Compact, durable, and sustainable.

For industrial use, the printer is protected by a powder-coated metal housing that complies with increased safety regulations. The majority of the

printer's components are made of recyclable metal. This means that all individual parts are replaceable. If a label gets caught, it can be removed because of the modular design. Removed in a short time via 3 access routes (see illustration above 1-3). This also facilitates cleaning and maintenance.
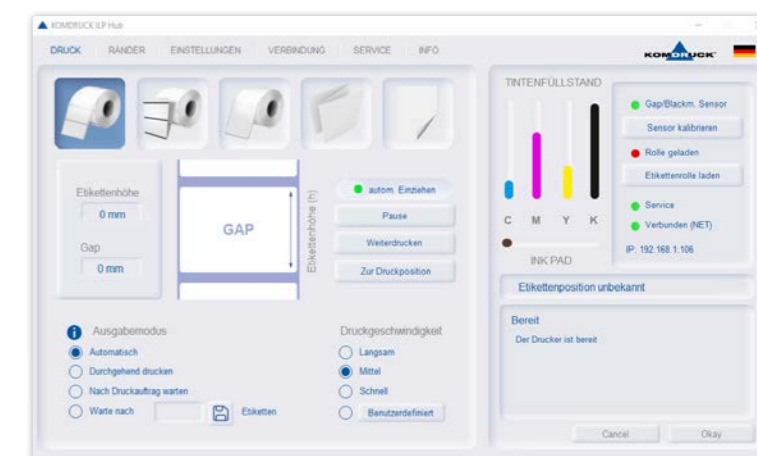
Our promise.

Whether sales or service, a personal contact person is always available for you. We offer comprehensive service and warranty packages so that there are no long interruptions during maintenance or repairs. Onsite support is also an option. We also promise satisfaction with our product: if you are not satisfied with our printer, you can return it within 45 days.

Full House / Inhouse - All competencies and experience from development to production are bundled under one roof in our own company.
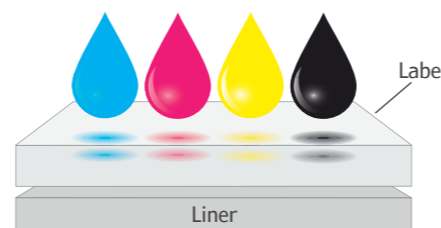

New user interface.

The ILP-4200 can be operated and controlled easily and intuitively via the new ILP hub. All information from ink levels to an IP address is in an arranged application. In addition, all functions of the printer can be easily controlled via: e.g. label and margin settings. The ILP-4200 supports all media types **from Die-Cut (Gap) to Z-Fold**.

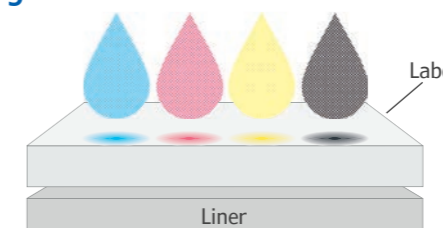## THREE SPECIAL INKS FOR ALL REQUIREMENTS & LABEL MATERIALS

Different requirements and label materials from matt paper to high-gloss polyethylene require different types of ink for smear-free results in good quality. For the first time, we have developed 3 types of ink for the ILP-4200:
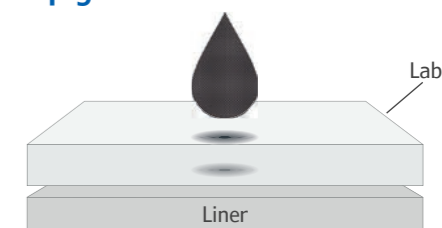
Dye ink

Label

Liner

For particularly color-intensive, uniform and high-contrast labels in photo-graphic printing (dye-based ink).

Pigmented ink

Label

Liner

For particularly long-lasting, infrared-readable, waterproof and UV-resistant applications on porous label material (paper).

Nanopigmented black ink

Label

Liner

Meets the requirements of a pigmented ink. Immediately absorbs into glossy or polyethylene labels. For BS 5609 and GHS-compliant labels.

DESIGNED, ENGINEERED AND MADE IN GERMANY