CONPRINTA | **IMD**

Figure 1: Sample configuration of a CONPRINTA IMD1700 with 4 printing units, expendable up to 6
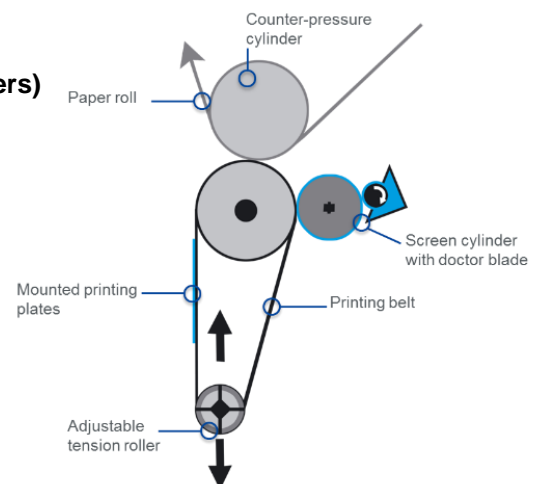
A new benchmark for corrugated preprint and folding carton

The CONPRINTA IMD flexographic printing systems make the highest quality prints possible. It is suitable for secondary packaging and POS products of all kinds. CONPRINTA offers innovative technology and software, brilliant high-graphic print results and the customer benefit "PrePrint Volume on Demand", an economical process solution that supports maximum flexibility.

The patented Belt Technology enables nearly infinite print lengths and thus nearly unlimited box sizes. The carrier medium of the printing plates (Belt) runs around two rollers that can be set to any needed repeat length.

THE BENFITS:

- **Low cost consumable item (belt instead of sleeves or cylinders)**
- **One time plate mounting**
- **Efficient printing due to variable belt lengths**
- **"Continuous Run"**
- **Small storage needed**
- **Fast order changeover, as no cylinder change necessary**
- **Reliable, high-quality print results**
- **Modularly expandable up to 12 printing units**
- **Full service**
    - **Machine installation under CONPRINTA supervision**
    - **Commissioning and start up by CONPRINTA experts**
    - **Training und start up by CONPRINTA print instructor**

HIGH QUALITY
MADE IN GERMANY

CONPRINTA | **TECHNICAL INFORMATION**

GENERAL SPECIFICATIONS

Market segment	Preprint for corrugated boxes and folding carton
Configuration	Roll to roll
Type	Flexographic
Print station(s)	4 (expandable up to 12)
Working width	up to 2800 mm
Printing length	998 mm - 3300 mm (expandable up to 4550 mm)
Print registration, ink	+/- 0.1 mm
Print registration, varnish	+/- 1 mm
Substrate	Paper, 80 g/m² - 500 g/m²
Printing plate type	Elastomere / photopolymere
Plate thickness	1,14 mm - 2,54 mm
Max. printing speed	150 m/min (optional up to 305 m/min)
Ink	Waterbased flexo ink
Drying system	Infrared or hybrid
Unwinder	Shaftless, 1 station
Rewinder	Shaft, 1 station
Production capacity	One shift: 25 Mio m² / 24/7: 100 Mio m²

PRINT

Screen	Up to 60 l/cm
Register setting increments	0,001 mm
Incremental repeat steps	7,085 mm
Ink system	Smart ink management, chambered doctorblade

JOB CHANGE

Printing plate / color	4 min
Anilox roller wash cycle	6 min

CONPRINTA | **OPTIONAL EQUIPMENT**

- Additional printing units

- Speed increase up to 305 m/min

- Plate Mounting Equipment

- Auto inline registration system

- Inline inspection system

- Two station unwinder with automatic splice

- Nonstop rewinder

CONPRINTA
PRINTING TECHNOLOGY

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