

CONPRINTA | FLEXOGRAPHIC IMD SYSTEM

PrePrint Volume on Demand gives you the competitive edge

CONPRINTA's flexographic IMD system was developed for producing preprint corrugated products. This innovative technology gives you the greatest variety, flexibility and print quality in the high-graphic range. That's added value that you can pass onto your customers. Our IMD machines are available in multiple widths and even according to your specific requirements!

- **Reliable, patented belt technology**
- **Short throughput times guarantee optimal productivity**
- **Minimal to no setup time because of new print orders can be implemented during production**
- **Low cost, environmentally friendly waterbased inks**
- **On demand production**
- **Modularly expandable up to 12 units**

Belt technology: A new benchmark in flexibility

Based on their extensive knowledge of materials and machines, the experts at CONPRINTA have developed a patented belt technology. This enables nearly infinite print lengths and thus nearly unlimited flexibility.

The printing belt runs across two rollers that can be set flexibly. This continuously variable format flexibility is available only from our CONPRINTA belt technology. The benefits:

- **Minimal preparation**
- **Extra short setup times**
- **Fast order changeover, as no cylinder change needed**
- **Cost savings**
- **Reliable, high-quality print results**



CONPRINTA
PRINTING TECHNOLOGY

HIGH QUALITY
MADE IN GERMANY

CONPRINTA | TECHNICAL INFORMATION

GENERAL SPECIFICATIONS

Market segment	Preprint for corrugated boxes
Configuration	Roll to roll endless
Type	Flexographic
Print station(s)	1 - 12
Printing width	1100 mm - 2800 mm (43" - 110")
Printing length	965 mm - 4550 mm > 550 steps (38" - 179")
Register accuracy	+/- 0,1 mm
Substrate	Paper 80 g/m ² - 400 g/m ² (18 lbs - 88 lbs)
Plate type	Elastomere / photopolymer
Plate thickness	1,14 mm - 2,54 mm (0.045" - 0.10")
Max speed	450 m/min (1475 fpm)
Ink	Waterbased flexo ink
Drying system	Infrared or hybrid (gas-, steam- or electrical powered), closed loop hot air recovery system
Output	Up to 300.000.000 m ² /year
Availability rate	> 98 %

PRINT

Screen	Up to 60 lpc (150 lpi)
Tonal range	3 % - 98 %
Register setting increments	0,001 mm (0.00004")
Ink system	Smart ink management, chambered doctorblade

TECHNICAL

Power input	380 - 480 Volt
Energy recovery	80 % hot air recovery
Set up time	4 min / print
Station anilox roller exchange	6 min / anilox Roller
Environmental conditions	20 - 40 °C (68 °F - 104 °F), 40 - 80 %
Humidity cabinet	Water cooled
Maintenance	Central lubrication, remote service, online diagnostic system
Unwind/rewind	Shaftless or shaft, 1-station or 2-station
Substrate position	Centered



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CONPRINTA GmbH & Co. KG
Luttertal 72 | 37075 Göttingen | Germany
Tel +49 551 508 397-0
Fax +49 551 508 397-29
info@conprinta.com
www.conprinta.com