The DIGI-series printers are high-speed industrial inkjet printers, designed to print directly on products and on a huge variety of materials such as plastics, glass, metal, aluminum, nitrile, cardboard, using a print speed up to 25 meters per minute. The DIGI Compact is suitable for both small and large product series, and thanks to its modular construction, the solution can be fully adapted to your wishes and requirements. The printer can either be operated manually or fully automated by customized pick and place units or standard industrial robots. The DIGI Compact operates 'stand-alone', which means that, besides the supply of necessary media, no further equipment is needed, and everything is integrated within the DIGI Compact. The printer is built using a single solid frame, to hold all functional components and provide a stable base for correct functioning of the print process. For safety and control of the printing environment, all printer components are covered by the printer bodywork. The front side of the printer has a printing chamber that is accessible by vertical lifting doors, for easy and complete access to the print components. Below the printing process, the printer is equipped with revolving doors for accessibility of print-related components like bulk ink tanks, drip trays, and tools. .

What can Bergstein DIGI-Compact printers offer you?

Common advantages digital printers

- Personalization of products
- Printing on Demand
- Short setup times
- High production speed
- Constant print quality
- Contactless printing
- Inline and offline usable
- Fast to market

Advantages of the Integrated High-End Transport System

- Speed variation between different print steps
- Precise and constant print process
- Product size of carriers: 400x300 mm
- Shuttles with cable track for extra electricity, air or vacuum on each carrier, usable for jig adjustments
- Possibility to build complex, multifunctional customer-specific jigs on carrier
- Optional: stop and go, forward and backward, different speed of carriers during print process

Advantages of the modular Cassette System

- Easy adapting a customized print process
- capable of changing or expanding functionality
- capable of integrating future technology
- little downtime during breakdown
- shorter lead time in production
- machine rest value higher

Advantages of the HMI

- Easy to navigate
- Easy to understand
- Role-based access control
- Remote access for remote support
- Multi Languages

Sustainability

- Reduced environmental impact
- 95% lower ink consumption
- Energy efficient
- Versatility in print needs
- Low Noise level

	DIGI-Compact
Offline or online printing possible	Yes
Single pass system	Yes
Manual loading	Yes
Pick & place / Robot automatic loading	optional
Plasma/flame/Pyrosil/corona/ionization/NIR	optional
UV Mercury and/or UV LED end curing included	Yes
Resolution / DPI (dots per inch)	360
Maximum number of colors	10
Maximum number of UV led units	10
Remote diagnostics available	Yes
OPC UA – connection	Yes
TCP/IP - connection	Yes
User friendly HMI with touch screen	Yes
Mist absorption	Yes
Capacity of carriers per hour (*)	120-175
Internal exhaust system with filters	Yes
Max carrier length mm	600
Max carrier width mm	200
Max product height mm	200
Printing width mm	70
Power connection	3x 400V+N+Pe
Size printer L x W x H in mm approx.. (**)	3200x1800x2420
Size printer L x W x H with open covers in mm	3200x1800x2700
Weight of printer (approx.)	Approx. 4.500 kg
Air connection	6 bar

(*) depending on print speed and
(**) lay-out excl. transport belt