

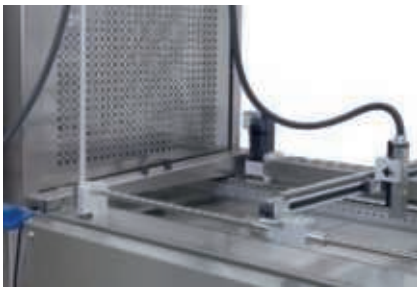


Coding and marking in ultimate perfection

GEA TiroPrint® printing systems

Packaging Performance

GEA offers more integrated printing solutions than any other manufacturer of packaging machines. This means the optimal printer is always available for every job and surface. Depending on the application, there is the choice between inkjet, thermo-transfer and hotfoil printing systems. Either alone, or combined with the TiroLabel® labeller, all modern product labelling options are available to you.



Traversing unit for InkJet printing systems

- GEA Controls
- Perfect mechanical integration into packaging machine and standardized interface to all well-established inkjet printing systems
- Easy operation via optional 4-key panel
- Traversing speed up to 1.6 m/s
- Hygienic design



InkJet printing systems

- Maximum efficiency and flexibility: perfect integration into all GEA thermoformers.
- Fully programmable packs are printed inline with consecutive numbers or date series.
- Contact-free printing system.
- Endless possibilities for print placement, even where other printing systems cannot be used.
- Small-character continuous inkjet printer.



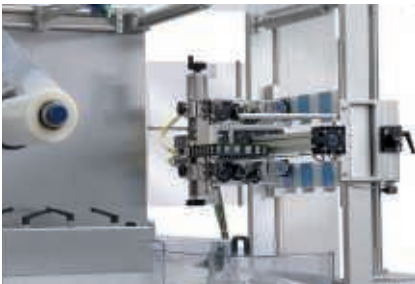
LPM printer

- Highest printing quality at printing speed of up to 300 mm/s
- Various printing widths available
- Free programmable and integration into printer network possible
- Ethernet as standard interface
- Perfect mechanical integration into the labeller



Thermal print directly on top film or label

- The thermal transfer printer offers a proven and cost-effective solution for users ready to migrate from a non-digital to a digital solution such as hot stamp or roller coders.
- Delivers variable, high resolution images on flexible packaging and labels.



Hotfoil print directly on the top film

- Best integration into all thermoformer machines.
- Servo motion systems for multiple row applications
- High reliability, very low operating costs, advantageous consumables.
- Low spare parts costs, simple handling, printer can be singly exchanged.
- Printing also suitable for pasteurization.
- Printing up to 3 rows / 3mm, 4mm, 5mm print size available.
- Each print head adjustable.
- Possible use of numerators.



Thermal printer DPM III

- Combines very high speed with optimal printing quality of 300 dpi resolution, all character sets and fonts which are available in MS Windows can be used.
- Integrated into the operation and control of GEA thermoformers.
- The printer is moved vertically by means of a servo motor.
- Enables printing on all industrially used films as well as on paper and Tyvek®.



Hotfoil print directly on the label

- Easy to operate and straight forward to maintain.
- Simple foil changeover.
- Infinitely adjustable foil feed and printing time.
- Reliable plate locking for optimum heat transfer.
- Exchange cassette minimizes set-up time and cassette control with print switch-off.

For perfect printing: GEA Consumables

Ink rollers and cartridges	Provide a flawless printed image and can be replaced quickly: genuine ink rollers and cartridges from GEA.
Flexo ink	Flexo ink from GEA makes your product more expressive: for every product the matching colour.
Carbon ribbons	The quality of the printing results speaks for itself. Thermal transfer ribbons from GEA guarantee perfect printing.
Thermal transfer print heads	When things get hot, you should rely on thermal transfer print heads from GEA.

We live our values.

Excellence • Passion • Integrity • Responsibility • GEA-versity

GEA Group is a global engineering company with multi-billion euro sales and operations in more than 50 countries. Founded in 1881, the company is one of the largest providers of innovative equipment and process technology. GEA Group is listed in the STOXX® Europe 600 Index.