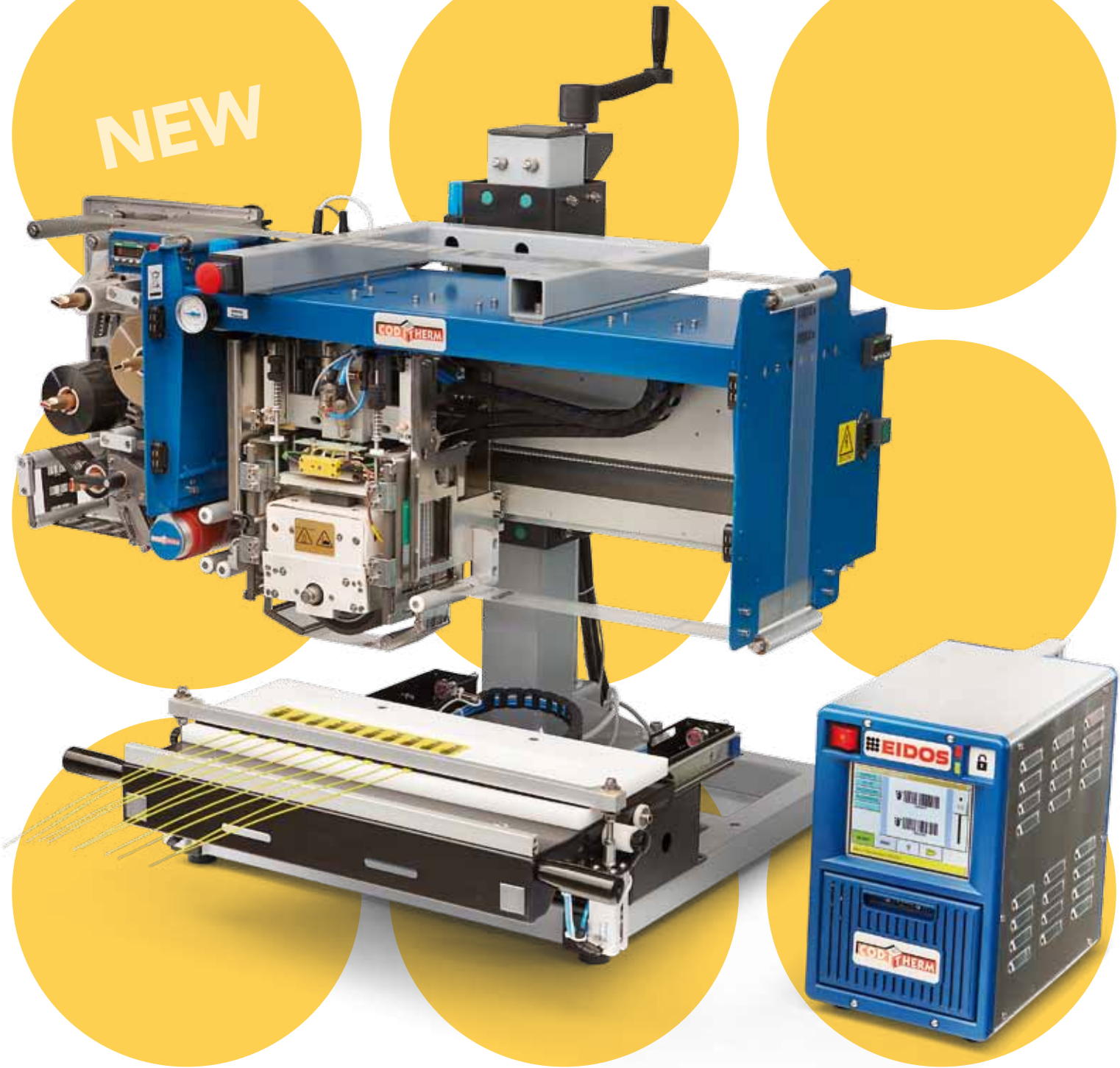
NEW



I-ROLLER

A SURGE IN QUALITY. INFRARED.

Improved performances compared with the ROLLER and FLAT models:

- **greater thermal transfer energy,** with wide transfer roller;
- **faster printing speed,** thanks to increased efficiency;
- **greater versatility,** thanks to the various kinds of interchangeable transfer rollers;
- **low maintenance**.

CODITHERM

EIDOS
MARKING TECHNOLOGY CREATORS

CODITHERM I-ROLLER. THERMAL TRANSFER MARKING AT ITS FINEST.

In over 40 years of business, Eidos has developed and patented the procedure for direct thermal transfer printing on solid objects. This solution is ideally suited to printing **variable data**, directly and **in real time**, onto **industrial products.** Thanks to the Coditherm range the **precision, reliability, cleanliness and excellent versatility** of this technology have also become available for **marking the widest range of materials and shapes, in addition to small lots.** The I-ROLLER projects the Coditherm range towards total excellence. What is new is the use of high power infrared rays to heat the transfer roller.

This solution guarantees:
- larger diameter roller, with increased thermal capacity, which is sturdier and longer lasting;
- faster transfer speed, no energy loss;
- roller is heated with no direct contact points, a benefit for cleaning all other parts of the machine;
- fast and convenient hot roller replacement;
- low maintenance.

Variable data printing – Codes and progressive numbers.

TOTAL VERSATILITY, TO SERVICE THE POSSIBILITIES OF APPLICATION.

Thanks to its **interchangeable rollers**, I-ROLLER offers high-quality printing on a range of materials and surfaces:
- slightly irregular surfaces;
- flat surfaces which require high pressure;
- flexible or hot-melt materials.

The features of the rollers also make the I-ROLLER the ideal device for printing on flat or slightly curved surfaces.

The potential uses are endless:
- **plastic containers** (e.g. urban or hospital refuse recycling food trays, plastic pallets);
- **electromechanical and electronic components** (e.g. plate data printing);
- **medical components** (e.g. to identify disposable products);
- **multiple plastic tags** (e.g. security seals).

PLASTIC CONTAINERS | TAGS AND SEALS | MEDICAL COMPONENTS | ELECTRICAL COMPONENTS | TAP HANDLES | CARDBOARD CASES | ELECTRIC CABLES AND WIRES | PLASTIC, LEATHER, WOODEN OR PAINTED METAL OBJECTS | BRUSH HANDLES

PRINT QUALITY STARTS WITH THE RIBBON.

I-ROLLER uses ribbons similar to “foil for hot printing”, but designed specifically for the Eidos thermal transfer technology. The catalogue offers a vast choice of types and colours, suited to the different printing needs:
- objects made of plastic, cardboard, wood, painted metal;
- glossy or “matt” surfaces;
- different levels of print “durability”.

SPECIAL TECHNICAL FEATURES

MODELS AVAILABLE
- Coditherm I-ROLLER Short (carriage travel: 120mm).
- Coditherm I-ROLLER Long (carriage travel: 220 mm).
- Coditherm I-ROLLER Ultra-long (carriage travel: 360 mm).

PRINT PERFORMANCES
- Width: max 100 mm.
- Length: max 100 mm (Short), 200 mm (Long), 340 mm (Ultra-long).
- Print resolution: 300 dpi – option: 600 dpi.
- Print speed (hot roller transfer device):
  - up to 100 mm/sec (with soft resin ribbons);
  - up to 50 mm/sec (hard resin ribbons).
- Carriage return speed: up to 120 mm/sec.
- Other technical features: see general catalogue of the Coditherm range.

DIMENSIONS
- I-ROLLER Short: 704 mm x 430 mm x 325 mm
- I-ROLLER Long: 804 mm x 430 mm x 325 mm
- I-ROLLER Ultra-long: 944 mm x 430 mm x 325 mm

SAFETY REGULATION
I-ROLLER responds to the regulations in force on the Safety of machinery and on EC Marking.

I-ROLLER is designed and produced entirely in Italy by Eidos S.p.A. The printing method is patented Eidos.

For further information, please visit: www.eidos.eu

EIDOS
MARKING TECHNOLOGY CREATORS

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