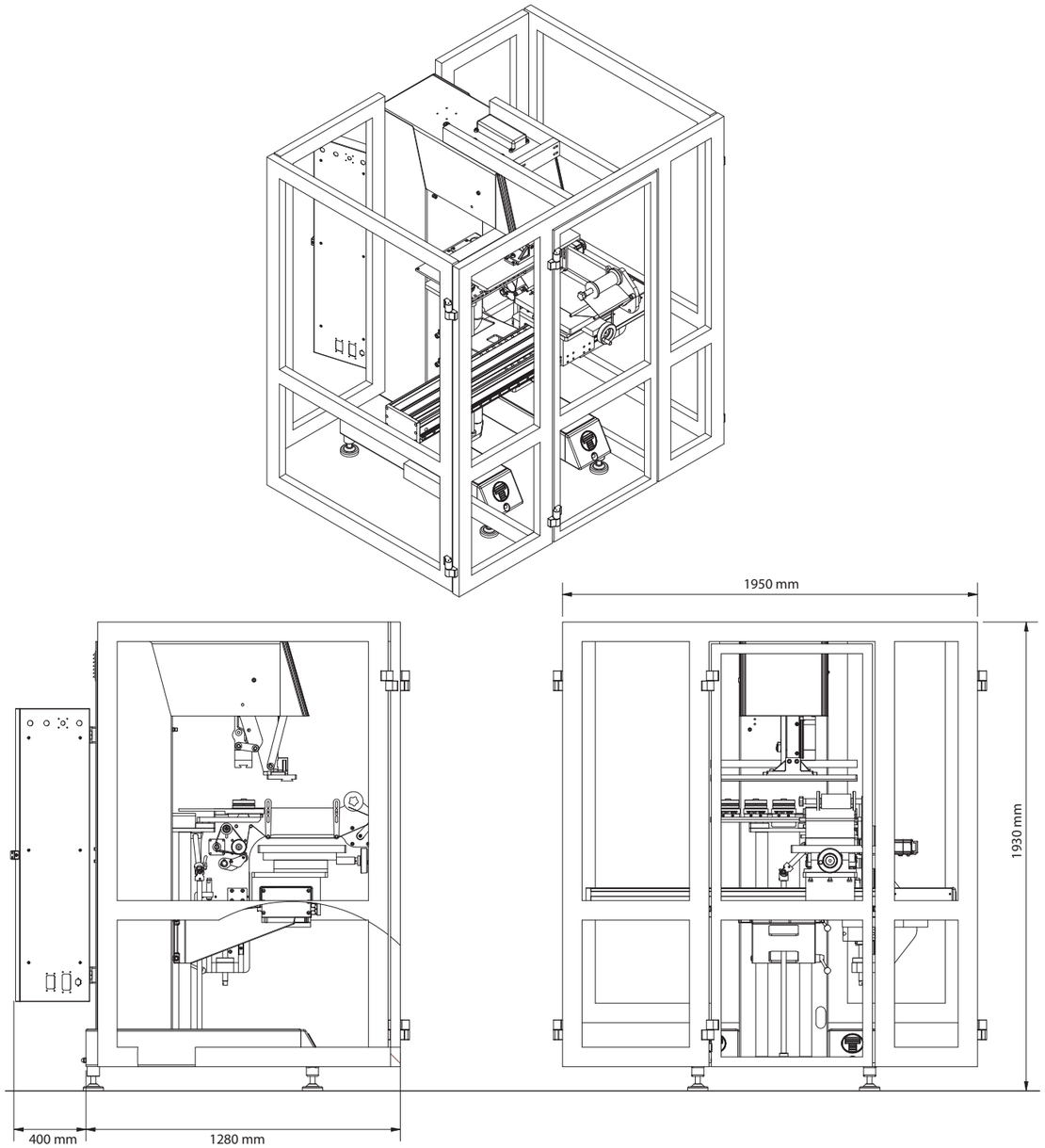
sizes



Don't hesitate to contact us for further information

SPECIFICATIONS MAY BE SUBJECT TO CHANGE WITHOUT NOTICE

TOSH®
MACCHINE E SERVIZI
PER LA STAMPA SU OGGETTI

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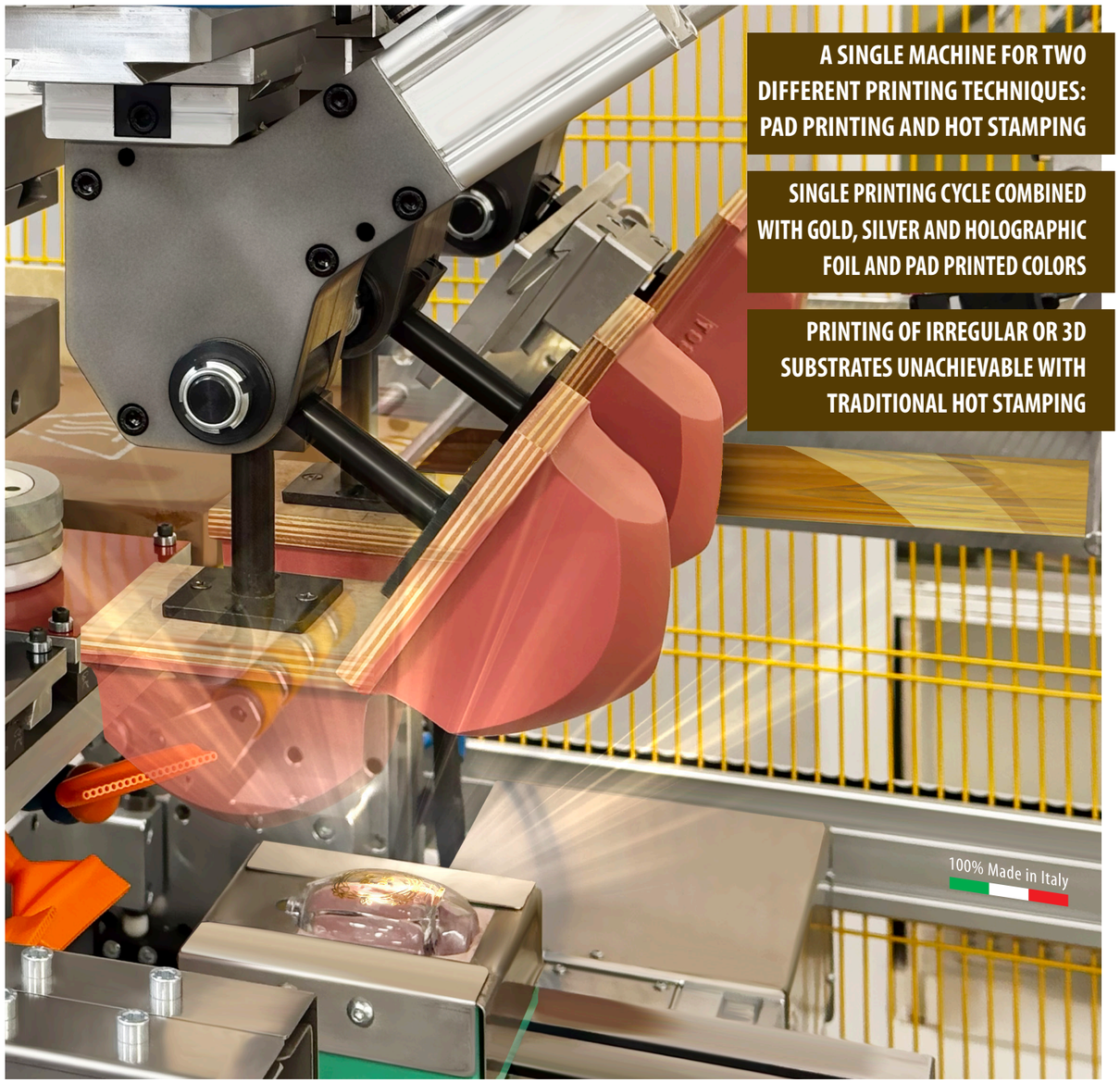
GRAFICA TOSH - Printed 03/25

TOSH
Machines, consumables and automation for objects printing

Logica**PadFoil 05NS**



A SINGLE MACHINE FOR TWO DIFFERENT PRINTING TECHNIQUES: PAD PRINTING AND HOT STAMPING

SINGLE PRINTING CYCLE COMBINED WITH GOLD, SILVER AND HOLOGRAPHIC FOIL AND PAD PRINTED COLORS

PRINTING OF IRREGULAR OR 3D SUBSTRATES UNACHIEVABLE WITH TRADITIONAL HOT STAMPING

100% Made in Italy

technical data

• **Operation:**	electric with numerical control
• **Printing force:**	5000 N
• **Maximum ink cup sizes:**	n. 2 dia. 130 mm n. 3 dia. 90 mm
• **Number of colors:**	**n. 2 ink cups dia. 130 mm** (1 foil + 1 pad printed color) **n. 3 ink cups dia. 90 mm** (1 foil + 2 pad printed colors)
• **Heating surface:**	220x220 mm - adjustable up to 280°C
• **Max length foil:**	200 mm
• **Maximum pad height:**	about 130 mm
• **Maximum piece height:**	about 300 mm from cross table
• **AC supply:**	380/400 V - triple phase - 50/60 Hz
• **Average consumption / Weight::**	about 2400 W / about 500 Kg

characteristics

- All the mechanical movements are motorized via numerical control, guarantee high precision providing complete flexibility of operation and semplicity without compromise.
- Its exclusive electric operation presents a considerable advantage compared to an equivalent pneumatic machine.
- Manufactured from light alloy and special steel.
- Eco-friendly. Due to its available hermetic ink system preventing solvent evaporation.
- Independent and programmable pad stroke differentiation device.
- Independent adjustment of speeds to each of the six strokes, ability to memorize the pad vertical strokes, six diverse temporizations of the most important phases of the printing cycle.
- Changeover time in less than 1 minute, thanks to the consideration given in the design concept to apply the most modern ergonomic principles to the system.
- Due to the mechanical design quality, a guaranteed smooth working function results in an extremely quiet action, thus allowing use in any environment.
- The manufacturing it was also conceived to guarantee a long life of working without maintenance.
- Countdown function and memorization of different work programs for easy set up.
- Ability to print the different surface uneveness of an object by adjusting the strokes of the pads through the keyboard.
- Pad heating group with temperature detection sensor.
- All operating adjustments can be carried out via the numeric keyboard with alphanumeric display.
- Built-in piece pre-treatment and pre-drying device.
- Foil dragging group equipped with motion axes.

Logica PadFoil 05NS

ADVANTAGES OVER TRADITIONAL HOT STAMPING

- **Two printing techniques in one machine**, hot stamping and pad printing, single or combined.
- Traditional hot stamping is only possible on flat and regular surfaces.
  The Logica PadFoil 05NS system can easily **print on irregular or 3D surfaces**.
- With the Logica PadFoil 05NS system you can obtain **high-resolution decorations** with extremely finer details than traditional hot stamping.
- Logica PadFoil 05NS does not use metal or silicone dies that are used for traditional hot stamping, but exploits the technology and qualitative advantages of a pad printing cliché for the foil transferring **at high resolution** thanks to a special primer formulated by TOSH.
- The Logica PadFoil 05NS system is able to perform the **the foil transfer and pad printed colors in one single operating cycle**, obtaining a significantly higher product quality.