

LOGICA MICRO II

**Numerically controlled
pad printing machine,
up to five colours
printing with high
mechanical cadence**

**Fully electrical
operation**

CHARACTERISTICS

- All the mechanical movements are motorized via numerical control, guarantee high precision providing complete flexibility of operation and simplicity 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 adjustment of speeds to each of the six strokes, ability to memorize the different and most important phases of the printing cycle.
- Changeover time reduced to a few minutes, thanks to the considerations given in the design concept to apply 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.
- Ability to print under the printing plate, allowing decoration in every position on the large sized objects.
- The manufacturing it was also conceived to guarantee a long life of working without maintenance.
- All adjustment functions can be carried out via the numeric keyboard with alphanumeric display.
- Countdown function and memory of all different work programs for easy set up.
- Ability to print on different surface levels of the same object, adjusting easily the stroke through the keyboard.



Logica MICRO II
4 colours (dia. 90 mm)
with rotary table Mod. TRCN 03
and safety guard.

TECHNICAL DATA

- Operation:
electric with numerical control
- Printing force:
3850 N
- Maximum printing speed:
adjustable up to 5000 c/h(*)
- Number of colours:
1 - 2 - 3 - 4 - 5
- Maximum dia. ink cup:
130 mm
- Standard ink cup sizes:
**up to 5 dia. 90 mm or 4 dia. 115 mm
or 3 dia. 130 mm**
- Vertical stroke:
147 mm
- Maximum pad height:
120 mm
- AC supply:
220/240 V - single phase - 50/60 Hz
- Average consumption and weight (basic model):
about 500 W - about 525 Kg

LOGICA MICRO II

SERIE LOGICA HIGH SPEED

STANDARD PACKAGES

To make the choice easier, TOSH proposes a series of standard packages, between the machine and the conveying system, that suits your specific application. Among the suggested and more popular, there are:

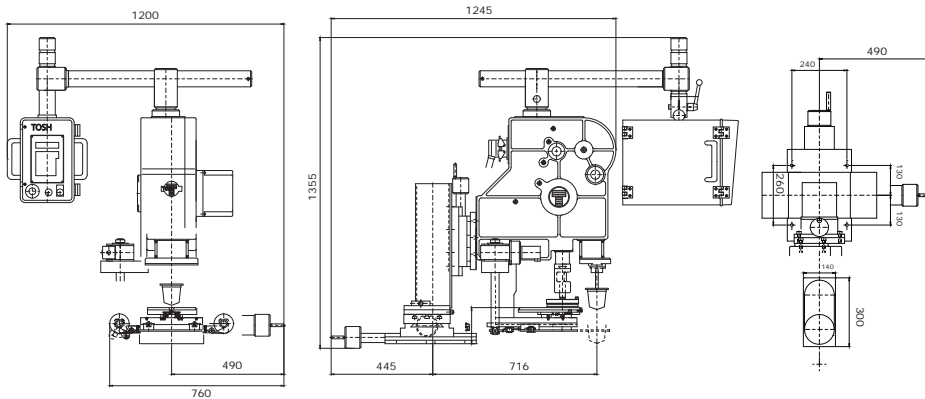
- **Cross tables** in different dimensions
- Electromechanical numerically controlled **rotary tables**
- **Pad shuttle systems**, fully electric operation
- Numerically controlled **indexers** with programmable and adjustable pitch
- **Automatic pad cleaning devices** with programmable operating time
- **Pre-treatment devices** (flame or corona treatment)
- **Drying devices** (air, U.V. and I.R.)
- Modular **pad pre-drying devices**.

On the side a standard package example of:

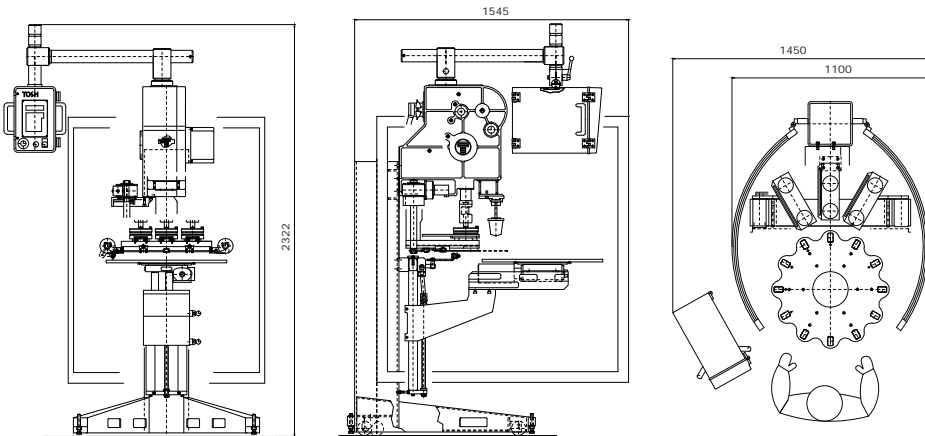
Logica Micro II 4 colours (dia. 90 mm) with rotary table mod. TRCN 03 and safety guard.

SIZE

Basic model with kit for installation in production line

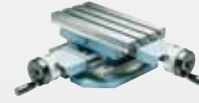


Basic model with eyelid type safety guarding and piece holder bench with adjustable height



OPTIONAL

Cross tables



Recommended for applications where there is a single fixture, they allow rapid alignment on more axis of the part to the print.

Pad shuttle systems



Suggested for 2 or 3 colour printing on a motionless support fixture; ideal also for printing onto cylindrical surfaces.

Indexers



Single fixture linear transfer for multi-colour printing on medium and large products.

Rotary tables



Recommended for multicolour printing or when high production cadences are required. They can also be used for additional in-line processes.

Automatic pad cleaning devices



They permit the pads cleaning cycle with programmable operating time.

BECAUSE OF CONTINUOUS IMPROVEMENT, WE RESERVE THE RIGHT TO CHANGE SPECIFICATION, DESIGN MATERIALS WITHOUT NOTICE.

TOSH[®]
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PER LA STAMPA SU OGGETTI



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