

## Cartridge Roller for Bar Code Marking Mod. CGM

The cartridge rolling machine mod. CGM makes possible to rotate the cartridges for printing bar codes or other informations.



This machine **makes possible to print** a bar code (such as set out by recent regulations) or various information in a **predetermined fixed position**, always the same for all cartridges. The cartridge roller mod. CGM puts in rotation the empty cartridge to find the marking area and moves the print head horizontally, thereby **printing over the entire length of the cartridge**.

**The sensor can read** both the **cartridge color variations** and a **specific reference mark** in the graphic print of the cartridge itself.

After reading the reference, the cartridge will rotate to **stop exactly** in correspondence of the **printing area** and the electrical axis will move the **marking head at a synchronized speed**, thereby enabling the printing of the bar code (and any other information) along the cartridge with a **character height** such as to ensure the **correct reading** also by **optical readers**.

The printer may possibly be chosen and purchased directly by the customer.

The cartridges can be **printed off-line** in the desired quantity that can be set via the PLC.

**The rotation** the empty cartridge makes it possible to **avoid the inertia** of the full weight.

## Cartridge Roller for Bar Code Marking Mod. CGM

- **Compact machine on wheels** for easier handling.
- Hopper on the ground for **easy loading** of about **300 empty cartridges**.
- **Loader** of horizontal empty cartridges to the point where the cartridge is put into rotation.
- **Ejection into the hopper** of possible badly oriented cartridges.
- **Device for the rotation** of the horizontal empty cartridge.
- **Programming and sensor** to locate the empty space in the cartridge in which to carry out the marking/printing and then stop the rotation.
- Electric axis with horizontal movement to move the **marking head along the entire length** of the cartridge.
- Electric axis with housing for **marking/printing head** with size up to 50 x 60 mm (square section) or 50 mm in diameter (round section).
- Programming to **synchronize** the axis **travel speed** with the printing speed.
- Support for the control unit of the **ink-jet or laser marking/printing** machine.
- Ramp/slide for ejecting the marked cartridges.
- **Human intervention** is only required to neatly store the cartridges in the carton once marked/printed.
- However, **it is not necessary** if you include our **semi-automatic cartoning machine mod. INSC140** or the **totally automatic mod. IA140**. In this case, the **cartridges will be boxed in line automatically** and neatly inside the **140 piece cartons**.

