



# EMMECI ELETTRONICA

BOLOGNA - ITALY



Lid with feed hopper and sensor LEVEL-CAP

## Automatic feeder for adhesive granules EASY-CHARGE

The new automatic feeder for glue granules EASY-CHARGE is able to satisfy the highest demands in terms of reliability, noise, modularity and compatibility with most common Hot-Melt plants.

Using EASY-CHARGE, there is a drastic reduction of charring in the tanks of Hot-Melt systems, and line operators are safeguarded because of the reduced contact with hot adhesive: EASY-CHARGE maintains constant the level of the molten granules in the tanks, to avoid unwanted downtime.

### Why choose EASY-CHARGE:

**Easy installation** both on new plants and already existing plants, it needs only electric and pneumatic supply, without any special settings.

**Innovating hopper feeding system:** thanks to the motor that mixes the granules, also most compacted adhesives are divided and aspirated by a powerful Venturi pump.

**Low-noise system** due to the elimination of the pneumatic vibrator, replaced by more efficient mixing blade.

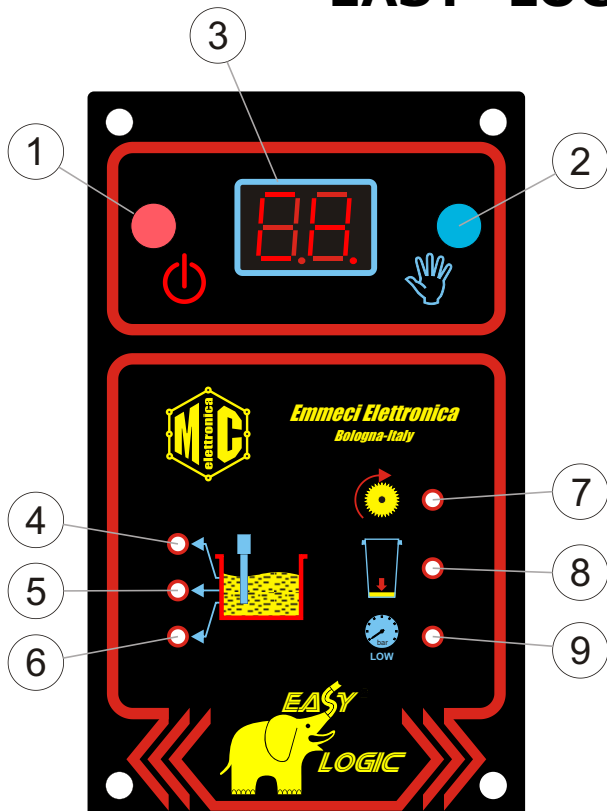
**Modularity** of EASY-CHARGE permit to connect up to 4 independent Hot-Melt plants to the same feeder, making EASY-CHARGE an economic and versatile system.

**Easy to use:** thanks to the display and to the LEDs on the electronic control panel, every phase of the feed process is shown making intuitive the check of functioning.

# TECHNICAL DATA

Electric supply	110-240 Vac 50-60 Hz
Pneumatic supply	Dry air not lubricated
Air consumption during load phase	411 NI/min (version E-CH/X-32) - 583 NI/min (version E-CH/X-50) 14.5 ft <sup>3</sup> /min (version E-CH/X-32) - 20.5 ft <sup>3</sup> /min (version E-CH/X-50)
Operating air pressure	Between 5 and 8 bar
Noise	< 70 db
Length of the transporting granules hose	MAX 20 m / 65 ft (can be increased with repeater group)
Drop height of the hose	MAX 6 m / 19 ft
Diameter of the transporting granules hose	30 mm / 1.18 in for version EASY-CH/X-32 50 mm / 1.97 in for version EASY-CH/X-50
Hopper	Anti-grip PTFE coated. Diameter: 60 mm / 2.36 in
Maximum granules dimensions	12 x 12 mm / 0.47 x 0.47 in for version EASY-CH/X-32 20 x 20 mm / 0.78 x 0.78 in for version EASY-CH/X-50
Pumping system	Venturi pump
Compatibility	Suitable for most common Hot-Melt systems and adaptable to special ones.
EASY-CHARGE tank capacity	120 liters / 32 gal US
Number of Hot-Melt systems connectable to the same feeder	4 independent, also of different type, size and brand
EASY-CHARGE dimensions	Height: 107 cm / 42.1 in      Diameter: 73 cm / 28.7 in

## EASY<sup>2</sup>-LOGIC: the control unit



- 1 Power button
- 2 Manual feed button / reset button
- 3 Display that shows the system state and the phases of operation
- 4 Green LED that notice high level of the adhesive
- 5 Yellow LED that notice the level of the adhesive is changing from high to low or vice versa
- 6 Red LED that notice the low level of the adhesive
- 7 Green LED that notice the blade mixer is rotating (blink quickly during rotation)
- 8 Red LED that notice the granules tank is empty (optional)
- 9 Red LED that notice low pneumatic pressure



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