

GYROMATIC

AUTOMATIC GYROSCOPIC MIXER

The mixing machines are characterized by a full automatic management and by the possibility to work at three different angular speeds with the configuration of single velocities and acceleration ramps according to the needs



IN-STORE TINTING SOFTWARE & DROMONTAPP

Dromont **In-House Software Department** consists of internal programming engineers working on updating our software platform to the latest innovations as well as integrating our machines into the customer's Enterprise Resource Planning (ERP) system. This department is capable of **customizing the software interface to the customer's exact needs**, testing the software prior to installation, and programming the software to communicate with the customer's systems.

Thanks to the new **DromontApp** it is also possible to remotely monitor in real time machine status and performances. It allows operators, service technicians and service companies to collect data and show messages for a **predictive maintenance support**; guiding customers to quickly identify the origin of a downtime and immediately return in operation.

Data collected are mainly calibration data, counters, canisters colorants level, alarms history, configuration settings, dispensing and purges.

TECHNICAL DATA

- Dimensions: Width 800 x Depth 800 x Height 1000 mm
- Total weight 220 kg
- Max. noise level < 70 dB
- Electric timer colour (1-9 min)
- Epoxy power point: RAL 7016
- Orange peel finishing

Loading capacity:

- Loading capacity: 40 kg
- Maximum diameter: 380 mm
- Minimum height (no adapter): 80 mm
- Maximum height: 490 mm
- Side for square cans: 240 mm

Clock wise rotation:

- Container up to 7 kg: Hi. 47 (228 g/1')
- Container from 8 to 24 kg: Mid. 28-33 (140-155 g/1')
- Container from 25 to 40 kg: Low. 18-23 (90-100 g/1')
- Gyroscope ratio: 2,3 : 1

Electrical specifications:

- Voltage: 230 +/- 15 V
- N° of phases: 1+ heart
- Supply frequency: 50/60 Hz
- Max. Absorbed power: 1.0 KVA
- Protection level: IP54

MAIN FEATURES

- Possibility to work at three angular speed with configuration of single velocities and acceleration ramps according to the needs
- The extreme flexibility of our system allows the operator to use containers with different shapes or made of different materials.
- The high index of reliability makes these machines the perfect choice of a dynamic and efficient production.
- Material and components have been selected in order to guarantee a long-lasting working life. The mixer is composed of a steel leaf metalwork and is characterized by an innovative gyroscopic system for efficient shaking.
- The system to load and unload the pails is equipped with an extractable loading table and the correct positioning of the container during the loading/unloading operation is servo-managed.
- The digital panel allows, using a few user-friendly commands, once the container is on the loading platform to control all the working cycles (blocking phase, mixing phase and releasing phase).
- The cycle time, when needed, can be recorded and repeated as a fixed program.
- The absence of vibrations and noise and the sophisticated security systems make the machines compliant with the EC regulations