

COROB™
color engineering

COROB™ CLEVERmix 700

Excellence in gyroscopic mixing

MIXERS & SHAKERS

COROB™ CLEVERmix 700

Excellence in gyroscopic mixing

Introducing the new high-end mixer, COROB™ CLEVERmix 700 is pure performance matched to advanced control systems, in a smart design.

- Reliable and strong.
- Intelligent control system for a wide selection of custom programs.
- Modern design, small footprint.

ENHANCED FUNCTIONS

Know-how, field experience and some very successful COROB mixer models have been blended into the design of the CLEVERmix 700, making it one of the most advanced gyroscopic mixers on the market.

CLEVERmix 700's main function is to **mix in the most effective** and proper way a wide selection of products, coming in various types of can materials and sizes.

An **intelligent control system** manages clamping pressure, speed and time according to configurable parameters, at the same time an operator can equally intervene with changes.



DEFINING A 'TRUE HIGH-END' PRODUCT

The quality of the materials and the technical solutions incorporated into the new design, set this unit apart from competition and guarantee an **effective long term working partner**:

- Rotating mechanism with splashguard protection.
- New power efficient motor, same performance... lower consumptions.
- Vibration free movement and silent operating sound levels.
- Lower plate 'foot paddle' release.

THINKING DESIGN FOR THE BEST SERVICE RESULT

Typical issues related to the use of gyroscopic mixers have been addressed during the development of the CLEVERmix 700, resulting in an incredible **low operating cost machine**. A clever design engages in an easy servicing approach:

MOTOR: No top cover blocking the motor for Service personnel to access.

INVERTER: In the new position, it is visible and accessible from the front, once removed the back panel.

BELT: Only one fixing point, so to allow for an 'easy to remove' part.

KEEPING CLEAN: Two plugs on the bottom plate that can be opened for cleaning with water.

QUICK GUIDE

BUSINESS ENVIRONMENT	TYPE	CAN HANDLING	FOOTPRINT
<ul style="list-style-type: none">■ Paint stores■ Professional centers■ DIY	Automatic gyroscopic	35 kg [77 lbs]	0,63 m ² [6.78 ft ²]

A PERFECT MATCH

Explore the many COROB™ dispensers that can enhance your tinting business and be a perfect match for the CLEVERmix 700.



Plenty of internal space for easy maintenance and an effective cleaning operation.



The extractable plate is designed to facilitate loading and unloading procedures.



An elegant design and small footprint enhance the paint corner in all types of shops.



The keyboard and display allow information and functions to be set.

EVOPWR

The ultimate high-end model in terms of performance and productivity, with a full range of personalization possibilities.

D600

The perfect performance dispenser, with an incredible number of personalization possibilities so to best suit high productivity needs with advanced colorant sets... all with an ideal ergonomics for the store operator.

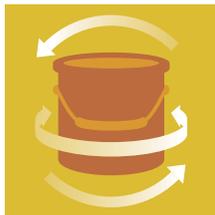
FLEX 500

The leading turntable configuration dispenser based on piston pump technology. Ideal for professional paint stores and for a wide selection of applications: from decorative to industrial.

EVOFLX-LW

Where functionality meets flexibility, all in one ergonomically friendly frame design.

MIXERS: A WORD ON GYROSCOPIC MIXING



Gyrosopic mixing is performed with the rotation of the base can along two axis. The mechanism has a main turning movement anchored on the back which gives a rotating effect on the vertical axis. At the same time the can also is undergoing a rotational movement along the center of its own axis.

The gyrosopic mixing cycle creates a complete liquid transfer within the can and a very homogeneous distribution of the colorant in the various base types.

The advantages and main suggested uses for this mixing technology, typically can be:

- Suitable for difficult base products in terms of viscosity: from latexes to heavy silicates.
- Best for medium to bigger sized cans and for cans of different shapes (round, oval and square).
- Advanced electronics available for selecting personalized mixing cycle programs.

OPTIONS

- Door lock during cycle and plate movements.
- Transparent shutter door.
- Personalized can centering rings.



CLEVERmix 700

Base features

Type	Gyrospectral mixer
Clamping function	Automatic [Pre-set or automatically selected]
Plate positioning after mixing cycle	Automatic
Mixing time (min)	Automatic [depends on can size]. Manual set from 30 sec to 20 min [up to 40 min with tech configuration]
Mixing speed (rpm)*	Pre-set or automatically selected [Variable customization possibilities]
Mixing motor power [hp] (kW)	0,75 (0,55)
Working cycle	Intermittent periodic duty 70%
Mixing direction	Bi-directional

Can handling features

Type of cans	Round / Square / Oval
Minimum can height [mm] (in)	100 (3.9)
Maximum can height [mm] (in)	400 (15.8) (max height will be reduced if can centering holder is used)
Maximum can diameter [mm] (in)	390 (15.4)
Maximum can weight [kg] (lbs)	35 (77)

Power supply / Machine environment

Power supply [V]	Single phase; 200-240±10% (with autotransformer 100/110/127V; at 200V power reduction applies)
Frequency [Hz]	50/60
Fuses	F 10 A
Maximum power absorption [W]	1050

Overall dimensions

Length [mm] (in)	805 (31.7)
Depth [mm] (in)	782 (30.8)
Height [mm] (in)	1112 (45.3)
Footprint [m²] (ft²)	0,63 (6.78)
Machine Weight [kg] (lbs)	163 (360)

Certification

CE / UL (certification during 2017)

Data refers to base configuration machine, figures may vary according to different specifications.
* Mixing speed can vary in function of weight, can shape and base paint characteristics.

ABOUT COROB

Headquartered in San Felice sul Panaro, Italy, COROB is one of the world's leading supplier of advanced tinting equipment for the global paints and coatings industry. COROB offers a complete range of point-of-sales equipment from entry-level to high-performance dispensers, as well as mixers and shakers. In addition, COROB supplies complete In-Plant tinting systems and advanced self-service vending solutions. COROB offering is supported globally by a highly recognized Service Partner network.

For further information, please visit:
www.corob.com



SERVICE NETWORK

The global Service and Partner network is a true asset to our customers, making the deployment and servicing of COROB™ equipment a true hassle free activity. Professional and extensively trained Customer Service Representatives deliver technical support, installations and on-site operator training. Extended warranty and preventive maintenance programs are offered to extend the life cycle of your equipment and optimize performances.

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