



**COROB™**  
color engineering

## COROB™ CLEVERmix 550 | 500

The professional gyroscopic automatic mixers

**MIXERS & SHAKERS**

# COROB™ CLEVERmix 550 | 500

The professional gyroscopic automatic mixers

The simple, yet effective, CLEVERmix 550 | 500 are fully automatic gyroscopic mixers in the family of COROB™ products that deliver a straightforward mixing experience.

- Patent-granted rotating mechanism technology.
- Strong and effective working rotational mechanics for optimized paint mixing.
- Streamlined design for fewer breakdowns and easy maintenance.
- Extractable lower plate for can loading and unloading and sturdy shutter door for tough and repetitive use.

## PROGRAMMABLE CYCLE SELECTION

Programmable time and mixing speed functions enhance mixing capabilities to satisfy the requirements of the selected base achieving a complete dispersion of colorant in the final product. Pre-set cycles and additional customizable ones, allowing for speed ranges from 95 to 180 rpm.

The CLEVERmix 550 | 500 are perfect for use in professional paint stores, trade centers and large retail environments.

## CLEVERmix 550 vs 500

CLEVERmix 550 comes with a window for viewing the internal mixing area and a laser cut COROB™ logo on the front end plate, CLEVERmix 500 is focused on a more thrill-free approach with an eye on convenient pricing.



## CAN HANDLING

The CLEVERmix 550 | 500 mixer series are the ideal unit for handling big paint cans.

A wide front opening and extractable plate allow for easy loading and unloading of the product while providing unhindered access for performing routine maintenance.

A hinge door variant is also available, allowing for a higher paint can grip point.

## EXTREMELY STRONG MECHANISM

The strongly built rotational mechanism makes the CLEVERmix 550 | 500 the benchmark of gyroscopic mixers.

The main success point of this patented mechanism is the very light design, but extremely effective in the power and strength that it generates, with doubtless benefits for the mixing of the bases with the dispensed colorant.

## SERVICEABILITY

The rear panel can be removed in a few steps, leaving a wide access area to the moving parts and to the motor. All electrical components are also set for an easy to service manner, reducing time for interventions.

## QUICK GUIDE

BUSINESS ENVIRONMENT	TYPE	CAN HANDLING	FOOTPRINT
<ul style="list-style-type: none"><li>■ Paint stores</li><li>■ Professional centers</li><li>■ DIY</li></ul>	Automatic gyroscopic	40 kg [88 lbs]	0,62 m <sup>2</sup> [6.7 ft <sup>2</sup> ]

## A PERFECT MATCH

Explore the many COROB™ dispensers that can enhance your tinting business and be a perfect match for the CLEVERmix 550 and CLEVERmix 500 mixers.



Extractable plate for helping paint can loading and unloading.



Keyboard with display for an intuitive selection of the custom cycles, time settings and speed control.



A simple and effective mechanical rotation group ensures high durability, long lasting parts and reduced maintenance.



Hinge door version.

D300

A fully simultaneous dispenser, the main feature being the piston pump with a volume of 0,3 liter/min flow rate. The compact size and low height make it into a highly recognized ergonomic unit.

D410x

The benchmark dispenser for DIY stores, a unit with a clear focus on flexible performance. It is a true professional looking automatic dispenser.

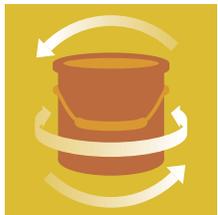
TATOCOLOR

It is the entrance unit towards performance gear based equipment. Its incredibly small footprint, low working height and field-proven reliability make it one of the market favorites.

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.

## 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.



## CLEVERmix 550 | CLEVERmix 500



### Base features

Type	Gyroscopical mixer
Clamping function	Automatic
Plate positioning after mixing cycle	Automatic
Mixing time (min)	From 1 to 30 (1 min intervals 1>10 min; 5 min intervals onward)
Mixing speed (rpm)	5 speeds [3 pre-set (95-180), 2 custom (95-120)]
Mixing motor power [hp] (kW)	1,2 (0,9)
Working cycle	Continuous [S1]
Mixing direction	One direction

### Can handling features

Type of cans	Round / Square / Oval
Minimum can height [mm] (in)	80 (3.2)
Maximum can height [mm] (in)	470 (18.5) (max height reduced if centering holder is used) / 490 (19.3) plate opening
Maximum can diameter [mm] (in)	380 (15)
Maximum can weight [kg] (lbs)	40 (88)

### Power supply / Machine environment

Power supply [V]	230 / 115 [optional]
Frequency [Hz]	50/60
Fuses	F 10 A
Maximum power absorption [W]	1200

### Overall dimensions

Length [mm] (in)	798 (31.4)
Depth [mm] (in)	790 (31.1) / 825 (32.5) with handle
Height [mm] (in)	1013 (39.9)
Footprint [m²] (ft²)	0,62 (6.68)
Machine Weight [kg] (lbs)	190 (419)

### Certification

	CE
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## ABOUT COROB

Headquartered in San Felice sul Panaro, Italy, COROB is one of the world's leading suppliers 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](http://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.

Data refers to base configuration machine, figures may vary according to different specifications.

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