



COROB™
color engineering

COROB™ CLEVERmix 20

The compact manual gyrosopic mixer

MIXERS & SHAKERS

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The compact manual gyroscopic mixer

The COROB™ CLEVERmix 20 represents the optimal mix between simplicity of use and an everlasting durable unit.

- Automatic repositioning after mixing cycle.
- Two versions available to match your needs.
- Strong working mechanics and sturdy frame.
- Improved operator-machine interaction design.

BUILT BY THE CUSTOMER

The CLEVERmix 20 is a fully customer oriented product, its design and ergonomics were the main focus from the outset, with feedback from onsite experience in the field driving its development.

WORKING SMART

The automatic repositioning of the clamping plates at the end of the mixing cycle eliminates unnecessary operations, a simple unclamping step is all the operator needs to take to remove the paint can directly.

The clamping plate is also extremely safe to work with and requires very little forces to operate it.



WORKING ON THE RUN

The use of sturdy metal parts for the most sensitive areas in the moving mechanics has ensured that the COROB™ CLEVERmix 20 will work continuously with a minimum of intervention. The closing handle grip and entry can step are designed to make life even easier for the operator.

The overall compact dimensions and limited footprint make this mixer a perfect match with every type of dispensers used.

The CLEVERmix 20 can be defined as the utmost reliable mixing unit that COROB has ever developed, with one of the lowest breakdown rates ever. A true assurance for very low purchase and maintenance costs.

FUNCTIONALITY SELECTION

Although a manual mixer, the CLEVERmix 20 comes in two versions providing different functions according to the customer's needs.

The ST version specifically addresses the most basic needs, including the possibility of selecting the time with the use of a straightforward selection knob.

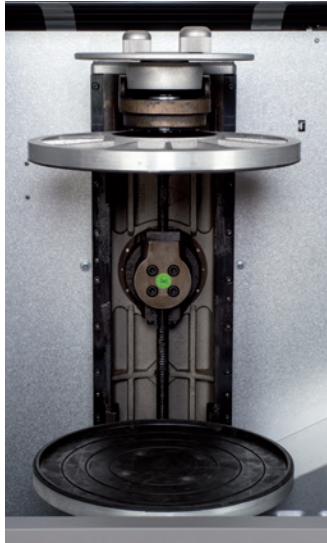
The PR version, characterized by its incorporation of a display and keyboard, allows operators to choose the time and cycle according to their needs.

QUICK GUIDE

BUSINESS ENVIRONMENT	TYPE	CAN HANDLING	FOOTPRINT
<ul style="list-style-type: none">■ Paint stores■ Professional centers	Manual gyroscopic	35 kg [77 lbs]	0,58 m ² [6.25 ft ²]

A PERFECT MATCH

Explore the many COROB™ dispensers that can enhance your tinting business and be a perfect match for the CLEVERmix 20.



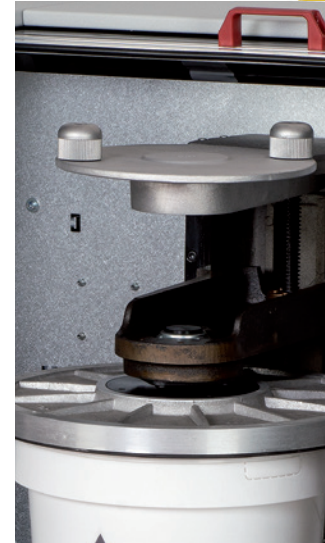
The rotating mechanism assures daily continuous flawless operations, synonymous of reliability.



The shutter door can be removed with very few steps, and the bottom internal plate also can be taken away. Keeping the mixer clean is a simple task.



The PR version comes with a digital display and buttons for choosing the optimal mixing cycle.



The big clamping handle requires very little force to close it, adequate for all store associates.

FIRST1

A true revolution, making it possible to access automatic tinting in a convenient and effective way, ideal for growing markets and a true replacement to manual machines.

FIRST 70

The automatic unit which can be selected in its sequential or simultaneous version, all built into an extremely strong frame for all working environments.

D200

A professional automatic dispensers, that combines reliability and price, all bundled in a compact and modern design.

D410x

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

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 20

ST

PR

Base features

Type	Gyroscopical mixer	
Clamping function	Manual	
Plate positioning after mixing cycle	Automatic	
Mixing time (min)	Up to 6	From 45 sec to 9:45 min
Mixing speed (rpm)	Max 180, self adjusting based on product feature	Pre-set
Mixing motor power [hp] (kW)	1 (0,75)	
Working cycle	Intermittent periodic duty [S3 - 70%]	
Mixing direction	One direction	Bi-directional

Can handling features

Type of cans	Round / Square	
Minimum can height [mm] (in)	100 (3.9)	
Maximum can height [mm] (in)	400 (15.7) (max height will be reduced if can centering holder is used)	
Maximum can diameter [mm] (in)	340 (13.4)	
Maximum can weight [kg] (lbs)	35 (77)	

Power supply / Machine environment

Power supply [V]	Single phase; 220-240 ± 10% / 110-120 ± 10% [optional]	
Frequency [Hz]	50/60	
Fuses	F 10 A	
Maximum power absorption [W]	1200	

Overall dimensions

Length [mm] (in)	805 (31.7)	
Depth [mm] (in)	723 (28.5)	
Height [mm] (in)	1022 (40.2)	
Footprint [m²] (ft²)	0,58 (6.25)	
Machine Weight [kg] (lbs)	180 (397)	

Certification

CE

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.

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

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 v02 – 03/2015