



**COROB™**  
color engineering

## COROB™ MIXING STATIONS

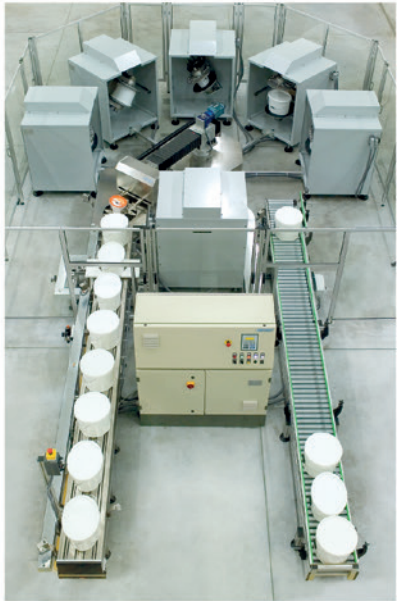
IN-PLANT

# COROB™ MIXING STATIONS

The mixing cycle often turns out to be the bottle neck in any production process, highly labor intensive and can contribute too many back injuries. The COROB™ Mixing Station matches the speed of production and offers:

- Shorter delivery/mixing times.
- Increased productivity & efficiency per order.
- Reduced labor costs.
- Reduced back injuries.

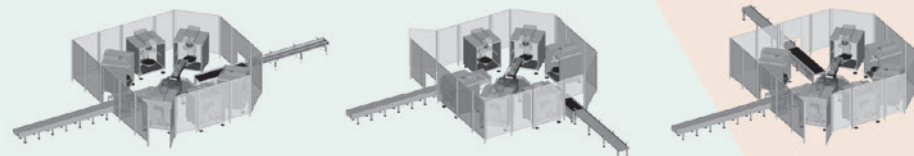
The mixing station is suitable for high-viscosity products in plastic or metal cans of different shapes and sizes, and fits warehouse needs as well as in-plant production. Heavy cans and pails of any size are moved, loaded, mixed and unloaded automatically. Just one operator is needed to control the complete tinting and mixing process.



## COROB™ Mixing Station MS-RG

The COROB™ Mixing Station MS-RG is the highest productivity mixing solution available in the range, and it can be designed to match a very wide range of applications where a high volume of can handling is needed.

- The MS-RG consists of up to ten heavy duty specially developed gyroscopic mixers with 3HP direct drive mixing motors.
- Fully automated conveyors feed pails of up to 20 liters/5 gallons weighing up to 40 kg/88 lbs.
- It handles different can sizes and shapes simultaneously and automatically, while users can customize mixing time and speed for each can individually if desired.
- During the mixing process, the can handles/bails are secured by a magnetic system, which eliminates the need for tape or bungee cords.
- The MS-RG solution delivers excellent results, with direct drive transmissions increasing mixing performance while dramatically decreasing maintenance reducing environmental noise.

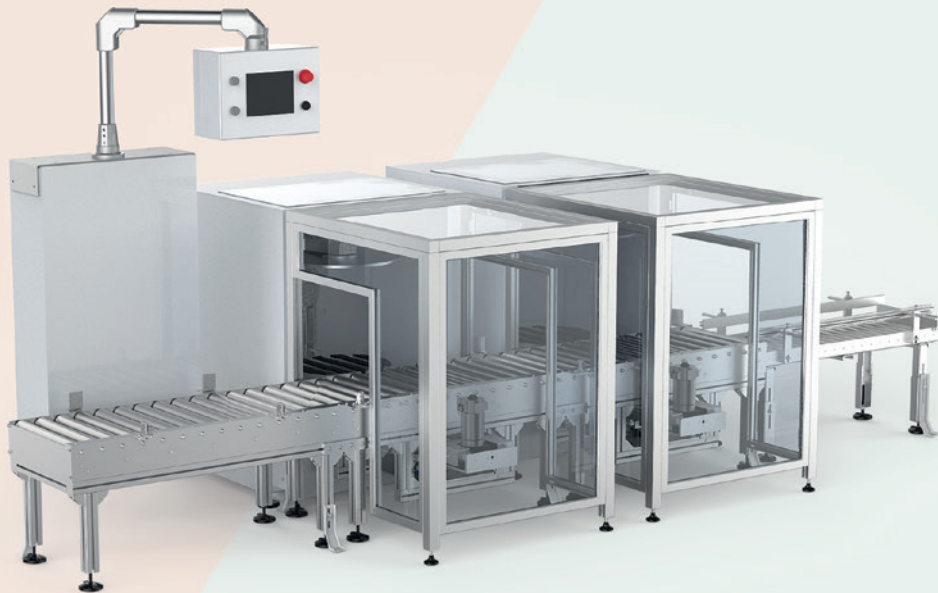


Mixing Station Configuration Options

## COROB™ Mixing Station MS-LG

The new COROB™ Mixing Station MS-LG is the perfect enhancement to depot, warehouses or large contractor retail locations where productivity is essential to your business and to the final customers while managing operating costs.

- After the tinting process is complete, an automated conveyer moves, loads (precisely centering cans) and unloads any size or shape paint cans into the gyroscopic mixers.
- The optimized timing and the synchronized mixing cycle of the two gyroscopic mixers guarantees a constant output of mixed paint so that the pails are ready in the fastest way possible.
- The operator or associate is relieved from moving around the heavier paint cans, and the overall layout of the conveyer is designed to reduce the fatigue effort.
- The optimal price/performance is obtained with two gyroscopic mixers although up to 3 gyroscopic mixers can be installed in a single line.



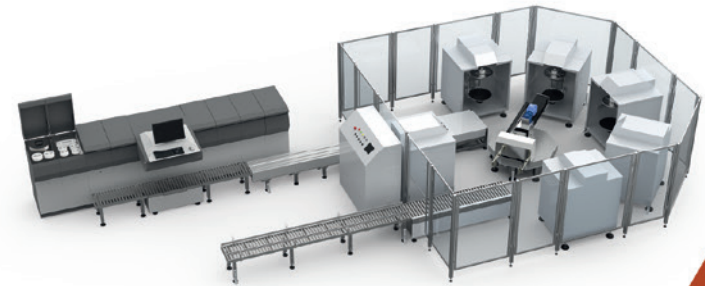
## A PERFECT MATCH

COROB™ MODULA family of dispensers, represent the most complete range of products that can be tailored to many configurations to meet price, performance, productivity and space limitations. MODULA fully automatic dispensers are ideal for the most demanding working environments, from large volume POS retailers, trade centers, to factory production facilities.

COROB offers a complete range of fully automatic dispensers operating with Patented bellows, piston, diaphragm, gear and progressive cavity pumps.

The combination of these technologies covers the gambit of speed and price point from entry level POS units to sophisticated In Plant Systems. Each of the technologies allow for complete flexibility.

Performance and productivity are also guaranteed throughout a wide selection of canister sizes, pump speeds and external tank solutions. Modula dispensers are also suitable for In-Batch and In-Can production.





## Mixing Station

MS-RG

MS-LG

### Mixer

Model	COROB IGCM 500 Heavy Duty Industrial Gyroscopic Mixer	COROB CM 850 Heavy Duty Industrial Gyroscopic Mixer
Number of mixers	From 8 to 10 with TWIN-IMSR - From 3 to 6 with IMSR	From 2 to 3 with IMSL

### Loading / Unloading system

IMSR - Industrial Mixers Service Robot

IMSL - Industrial Mixer Single Loader

### Productivity\*

Up to 150 pails per hour

Up to 60 cans per hour

### Handled pails

Height [mm] (in)	min 100 (3.9) - max 420 (16.5)	min 100 (3.9) - max 450 (17.7)
Diameter [mm] (in)	min 120 (4.7) - max 400 (15.7)	min 120 (4.7) - max 400 (15.7)
Maximum can weight [kg] (lbs)	50 (110)	40 (88)
Shape	Round and Oval (conical or parallel), Square, Rectangular	Round and Oval (conical or parallel), Square, Rectangular
Material	Plastic, Metallic	Plastic, Metallic

### Movements

Robot rotation/Linear translation	Asynchronous electric motors	DC electric motors
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### Overall dimensions\*\*

Width [mm] (in)	5600 (220.5) up to 6 mixers - 5200 (204.7) from 7 to 10 mixers	1950 (76.8)
Height [mm] (in)	5600 (220.5) up to 6 mixers - 7800 (307.1) from 7 to 10 mixers	1750 (68.9) with 2 mixers - 2900 (114.2) with 3 mixers
Length [mm] (in)	1600 (63)	1350 (53.2)

### Power supply

Power supply [V]	400 VAC Three-phase (others available upon request)	220 VAC Single-phase
Maximum current [A]	based on the configuration	based on the configuration
Maximum power absorption [W]	based on the configuration	based on the configuration

\* Depending on model configuration, pails size and product viscosity.

\*\* Loading/unloading conveyors excluded.

## 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](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.