

In-plant

COROB MIXING STATIONS

High performance,
fully automated
mixing solutions

Highlights

ERGONOMIC

Improved working environment and operator safety by eliminating manual handling of cans.

CONVENIENCE

Less labour costs.

PRODUCTIVITY

Shorter delivery and mixing times by increasing productivity and efficiency per order.



COROB 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 production.

Heavy cans and pails of any sized are moved, loaded, mixed and unloaded automatically.

It takes just one operator to control the process. The solution is available in two different models.

ABOUT COROB.

COROB is a global technology leader in developing and manufacturing high-tech dispensing and mixing solutions for different applications including paints and coatings, inks and chemicals.

WE ARE WHERE YOU ARE. Our offering is supported by a global service network making COROB a total solution provider.

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COROB MIXING STATION MS-RG

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

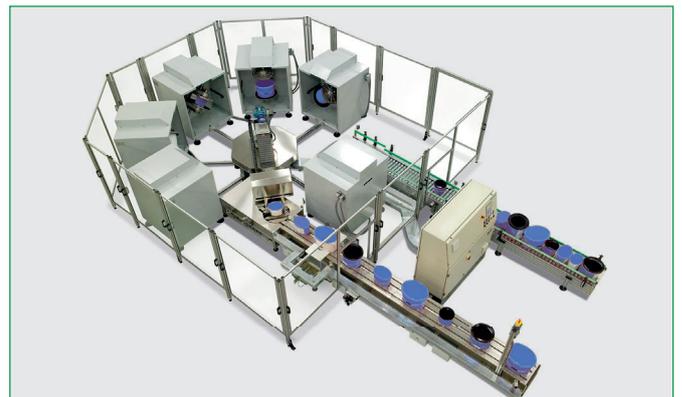
The MS-RG consists of up to ten heavy duty specially developed gyrosopic mixers with 3HP direct drive mixing motors.

Fully automated conveyors feed pails of up to 20 liters/5 gallons weighing up to 50 kg/110 lbs.

It handles different can sizes and shapes simultaneously and automatically, while operators 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, increasing mixing performance while dramatically decreasing maintenance and reducing environmental noise.





COROB MIXING STATION MS-LG

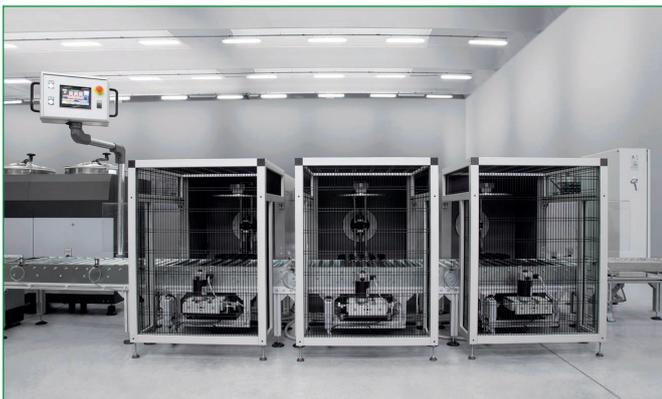
The COROB Mixing Station MS-LG is the perfect enhancement to depot, warehouses or large contractor retail locations where productivity is essential to your business while managing operating costs.

After the tinting process is completed, an automated conveyor moves, precisely loads and unloads any size or shape paint cans into the gyrosopic mixers.

The optimized timing and the synchronized mixing cycle of the gyrosopic mixers guarantee a constant output of mixed paint so that the pails are ready in the fastest possible way.

The operator or associate is relieved from moving around the heavier paint cans, and the overall layout of the conveyor is designed to reduce the fatigue effort.

The optimal price/performance is obtained with the 2 mixers model, although up to 3 mixers can be installed in a single line to increase productivity.



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Technical data

	MIXING STATION MS-RG	MIXING STATION MS-LG
Mixer model	COROB IGCM 500 Heavy Duty Industrial Gyroscopic Mixer	COROB IGCM 1000 - Industrial Gyroscopic Corob Mixer
Number of mixers	From 3 to 6 (single) From 8 to 10 (double)	From 2 to 3
Productivity/mixing time [pail per hour]	2 min 116 3 min 100 4 min 74	1 min 56 (2 mixers) - 84 (3 mixers) 2 min 38 (2 mixers) - 60 (3 mixers) 3 min 30 (2 mixers) - 44 (3 mixers)
Can size [mm] (in)	Height: min 100 (3.9), max 420 (16.5) Diameter: min 120 (4.7) max 400 (15.7) Round, oval (conical or parallel), square and rectangular	Height: min 130 (5.12), max 470 (18.5) (lower height cans with adapter) Diameter: min 120 (4.7) max 400 (15.7) (smaller diameter cans with adapter) Round, oval (conical or parallel), square and rectangular
Length [mm] (in)	5600 (220.5) up to 6 mixers 5200 (204.7) from 7 to 10 mixers	3860 (152) with 2 mixers 4835 (190) with 3 mixers
Depth [mm] (in)	5600 (220.5) up to 6 mixers 7800 (307.1) from 7 to 10 mixers	1760 (69.3)
Height [mm] (in)	1600 (63)	1800 (70.9)