

Technical Data Sheet

n. 03 [January 2020]

Mixing Stations MIXING STATION MS-RG v02



MIXER

Model	COROB IGCM 1000 - Industrial Gyroscopic Corob Mixer
Number of mixers	From 3 to 6 (single) - From 7 to 10 (double)

LOADING/UNLOADING SYSTEM

Type	IMSR - Industrial Mixers Service Robot
Movement	Asynchronous electric motors

PRODUCTIVITY*

Productivity/mixing time up to 2 min [pail per hour]	120 with 6 mixers - 210 with 10 mixers
Productivity/mixing time up to 3 min [pail per hour]	100 with 6 mixers - 180 with 10 mixers

HANDLED PAILS

Minimum can height [mm] (in)	140 (5.5) (lower height cans with adapter)
Maximum can height [mm] (in)	450 (17.7)
Minimum can diameter [mm] (in)	150 (5.9) (smaller diameter cans with adapter)
Maximum can diameter [mm] (in)	400 (15.7)
Maximum can weight [kg] (lbs)	40 (88)
Shape	Round, Oval (conical or parallel), Square and Rectangular
Material	Plastic, Metallic

OVERALL DIMENSIONS

Length [mm] (in)	5600 (220.5) up to 6 mixers - 10200 (401.5) from 7 to 10 mixers
Depth [mm] (in)	5600 (220.5) up to 6 mixers - 7800 (307.1) from 7 to 10 mixers
Height [mm] (in)	1600 (63)
Machine Weight [kg] (lbs)	4165 (9182)
Machine + packaging Weight [kg] (lbs)	4820 (10626)

POWER SUPPLY / MACHINE ENVIRONMENT

Power supply [V]	400 Vac Three-phase (others available upon request)
Frequency [Hz]	50/60
Maximum Short circuit protection [kA]	10
Maximum current [A]	43
Maximum power absorption [W]	28
Working temperature [Celsius] (Fahrenheit)	From 10° to 40° (50° to 104°)
Relative humidity	From 5% to 85% (without condensation)
Noise level [dB(A)]	< 70
Certification	CE / ETL (certification during 2020) / Eex (certified electrical components)

* Depending on model configuration, pails size and product viscosity.
Please check with COROB'S In-Plant technical team for the system's compatibility with the required can sizes and weights.
Take note: data refers to base configuration machine, figures may vary according to different specifications.

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