

Rapid Mixer Granulator – Table Top (SRMG – 5 – PLC)



Pilot scale rapid mixer is mainly used in R&D or F&D facility for the wet mixing of the pilot batches. Basically it consists of a Bowl, Impeller & Chopper assembly.

Construction

Basically it consists on main structure which is made from mild steel square tube and is covered from SS-304 guard. All main drive related assemblies are covered in to main structure.

The Complete Reliability of the Process Technology for the Steps
Mixing, Homogenizing, Humidifying, Granulating As the result on intensive up to date development.

Technical Specifications

MODEL	SRM - 5	SRM - 1
	5Liters (4 Kg bowl)	1.5 Lit [1 kg]
Max Working volume	3.5 Kg	800 grams
Min Working	2 kg	500 grams
PLC - Touch screen	Schneider Make	Schneider Make
AC Drive For Chopper Motor	Schneider Make or Equivalent	Schneider Make or Equivalent
AC Drive For Main Motor	Schneider Make or Equivalent	Schneider Make or Equivalent
Main Gear Motor	0.5 HP, Bonfiglioli Make	0.5 HP, Bonfiglioli Make
Chopper Motor	0.5 HP, 2800 RPM Rotomotive Make	0.5 HP, 2800 RPM Rotomotive Make
Granulation-Main Blade RPM	15 RPM to 150 RPM	15 RPM to 150 RPM
Chopper Blade RPM	150 to 2800 RPM	150 to 2800 RPM
Main Impeller Granulator RPM	10 to 150 RPM Maximum – Variable.	10 to 150 RPM Maximum – Variable.

Chopper Impeller RPM	Maximum 2800 RPM- variable.	Maximum 2800 RPM- variable.
Dimensions	330 x 310 x 442 mm Aprox.	330 x 310 x 442 mm Aprox.
Net Weight (Approx)	70 Kg	70 Kg

MODEL	SRM – 0.5
	1 Lit [0.5kg]
Max Working volume	400 grams
Min Working	300 grams
PLC - Touch screen	Schneider Make
AC Drive For Chopper Motor	Schneider Make or Equivalent
AC Drive For Main Motor	Schneider Make or Equivalent
Main Gear Motor	0.5 HP, Bonfinglioli Make
Chopper Motor	0. 5 HP, 2800 RPM Rotomotive Make
Granulation-Main Blade RPM	15 RPM to 150 RPM
Chopper Blade RPM	150 to 2800 RPM
Main Impeller Granulator RPM	10 to 150 RPM Maximum – Variable.
Chopper Impeller RPM	Maximum 2800 RPM- variable.
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