

SPEC SHEET

Lift Type Homogenizing Emulsifier - Ribbon Stirring

SME-BE Series

INTRODUCTION

This homogenizer model has helical ribbon mixing with internal and external circulating homogenization. It is designed according to the cream/paste manufacturing process using the latest advanced technology. The machine is composed of two pre-mixing pots, vacuum emulsifying pot, vacuum pump, hydraulic system, discharge system, electric control system and a working platform. The machine is easy to operate, delivers stable performance and high work efficiency. The homogenizer is easy to clean, occupies a small space and is highly-automatized.

KEYWORDS Ribbon | Homogenizer | Emulsifier



ATTRIBUTES

- The homogenizer is capable of efficiently homogenizing various types of products, including creams, lotions, gels, and emulsions, ensuring uniform particle distribution and stable product consistency.
- The incorporation of a ribbon stirring system enhances the emulsification process by providing gentle agitation and thorough blending of ingredients, resulting in smooth and homogeneous formulations.
- The lift-type design allows for easy adjustment of the homogenizing head, enabling precise control over the emulsification process and facilitating access to the vessel for cleaning and maintenance.
- Equipped with a powerful homogenizing motor, the emulsifier delivers high shear forces to break down particles and achieve fine emulsions with excellent stability and shelf life.

TECHNICAL PARAMETERS

Model		SME-BE100	SME-BE200	SME-BE300	SME-BE500
Capacity		100L	200L	300L	500L
Homogenizer motor	KW	2.8-4	6.5-8	6.5-8	6.5-8
	r/min	1440/2880	1440/2880	1440/2880	1440/2880
Stir motor	KW	1.5	2.2	2.2	4
	r/min	0-63	0-63	0-63	0-63
Dimension		2750x2700x 2250/3100mm	3100x3000x 2500/3450mm	3500x3350x 2650/3600mm	3650x3300x 2850/4000 mm
Total power	Steam heating	13KW	15KW	18KW	22KW
	Electric heating	32KW	45KW	49KW	61KW
Limit vacuum		-0.09	-0.09	-0.085	-0.08

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