

## 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

While the information has been carefully compiled to the best of our knowledge, nothing is intended as representation or warranty on our part and no statement herein shall be construed as recommendation to infringe existing patents. In the effort to improve our products, we reserve the right to make changes judged to be necessary.