

KB MIXERS

SOLUTIONS FOR THE CHEMICAL INDUSTRY



State-of-the-art solutions for chemicals

Chemical ingredients are combined and mixed to form a multitude of finished products: soaps and detergents, plastics, foams, paints, fire-retardants and extinguishers, rubber tyres, resins and countless additives commonly used in the building industry, too.

The processes involved are countless, and range from very basic (straight-forward mixing) to highly complex (heating/cooling, granulating, reacting). According to the complexity of the recipes, the behaviour of some of the most critical ingredients, combined with the applications' intrinsic nature, a wide variety of mixer configurations are required.

KBC ploughshare mixers are the ideal solution for mixing all chemical powder ingredients. With their industrial, sturdy build, their highly customizable configuration and top quality finishing, they represent the best solution for all production sites, be they small and flexible or large and highly automated. Built in mild or stainless steel (304, 316), with plough-type or blade-type tools, with temperature jacket and probe, with liquid injection and high speed refiners (to incorporate liquids and break down lumps) these units guarantee excellent particle distribution, short mixing time and, when necessary, a more gentle mixing action. In some applications, vacuum mixing/drying is also a necessary requirement.

KBC mixers: the ultimate mixing solution!

Standard models

Model	Max. volume	Max. weight *	Max. n. refiners	Power (HP)
KBC 400	15 cf.	750 lbs	1	10 / 12
KBC 600	19 cf.	950 lbs	2	15 / 20
KBC 750	28 cf.	1,400 lbs	3	25 / 30
KBC 1300	50 cf.	2,500 lbs	3	30 / 40
KBC 1700	62 cf.	3,060 lbs	4	40 / 50
KBC 2000	75 cf.	3,320 lbs	4	60 / 75

** considering an average bulk density of 43.70 lb/cf*



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