

GEBR. RUBERG

Maschinenfabrik

PRODUCT
DEVELOPMENT
MICRO BATCHES



RUBERG *Laboratory Batch Mixer*
Series LCM

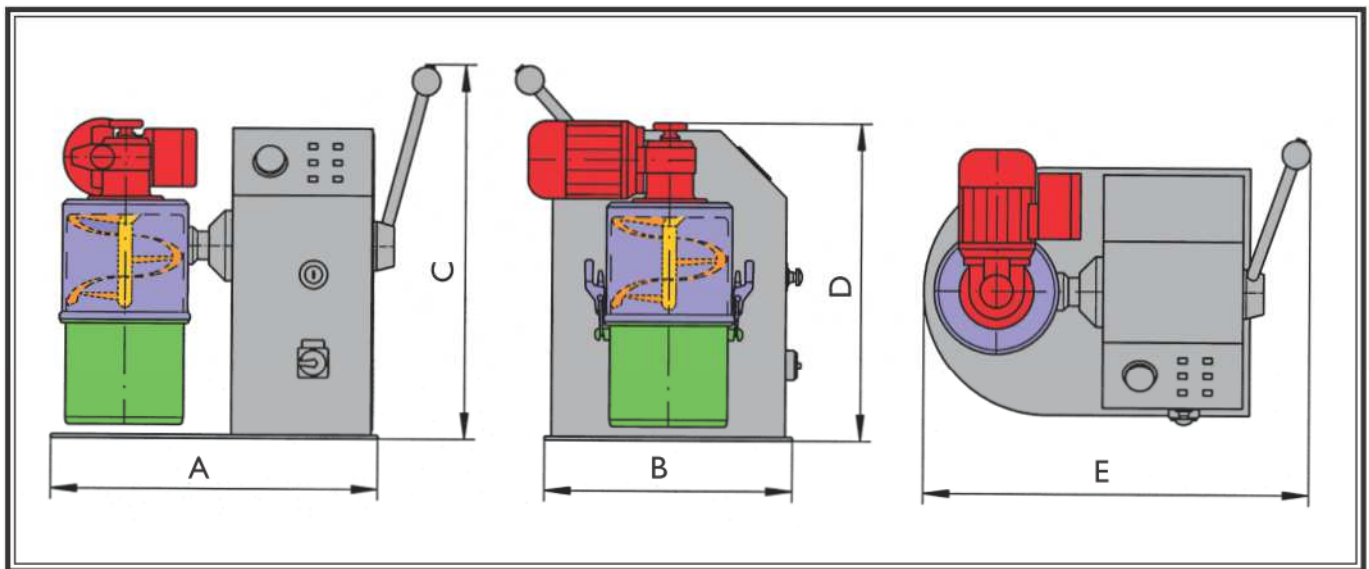
RUBERG Laboratory Batch Mixer Series LCM

Application Range:

RUBERG Laboratory Batch Mixers have various applications for laboratories or small production quantities, including development of recipes and product development of pure dry mixes, addition of liquids into dry materials and pure liquid mixes. Also possible is a gentle product treatment for homogenization of sensitive material through to breaking down of agglomerates by using a cutting rotor. Further options of processing are heating and vacuum mixing. Reproducible trial and comparison mixes are parts of product development and quality assurance which can not be neglected.

Operating Method:

Quantities of products are collected in commercially approved barrels and docked to the mixing chamber. The complete unit is swivelled into the working position and the process started. Variable rotational speeds circulate large volumes of the product components in a gentle mixing action. Simultaneously material is horizontally distributed by the mixing arms. Within a short period of time the optimum mixing quality is achieved and the unit can be swivelled back into base position. The homogenized product is emptied completely into the container which is then undocked and transferred to the further processing.



Type	Usable Capacity in litres	Approximate Dimensions				
		A in mm	B in mm	C in mm	D in mm	E in mm
LCM - 3	0,5 l - 3,0 l	700	530	800	680	830
LCM - 5	1,0 l - 5,0 l	700	530	800	680	830
LCM - 10	2,0 l - 10,0 l	700	530	800	680	830

Design Options:

- Stable desktop model
- Mobile unit arranged on movable support
- Cutting rotor for breaking down of agglomerates
- Addition of fluids by ISR system
- Heating or cooling jacket with insulation
- Complete automation for production
- Computer controlled with report

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