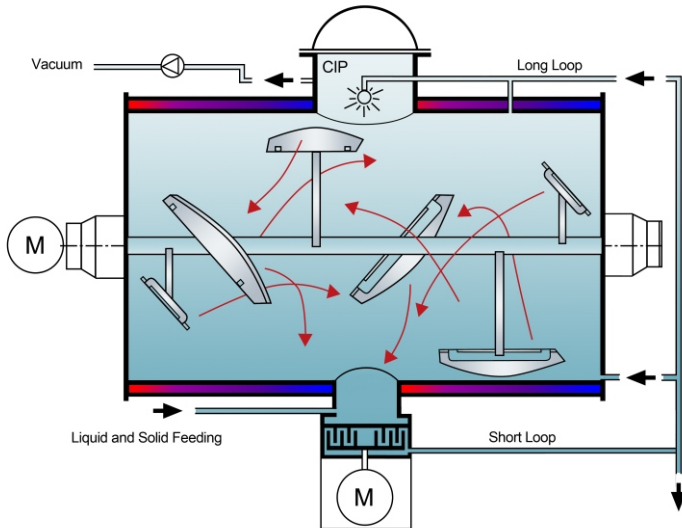




Lödige Dispersing Mixer LDM

- Highest quality mixes
- Product recirculation
- Large heat transfer surfaces
- Minimal construction height
- Easy to clean - suitable for CIP
- Reliable scale-up
- Reduced product residues

Lödige Dispersing Mixer LDM



LDM 2000



Lödige developed a concept comprising a horizontal mixer including flanged homogenizer and optimally combines practice-proven principles. This concept based on systematic analysis of all process parameters and specific design of each component can be used for nearly all possible applications meeting the customer's requirements.

Range of Application

The Lödige LDM is used for processing semisolid products requiring high quality mixes and for homogenization in one or several steps.

This mainly concerns the production of emulsions in the fields of:

- Cosmetics
- Pharmaceuticals
- Foodstuff
- Fine Chemicals

Sizes

Type	Drum Volume (Litre)	Working Capacity max. (Litre)
LDM 130D	130	100
LDM 300D	300	240
LDM 600D	600	480
LDM 1200D	1200	960
LDM 1600D	1600	1280
LDM 2000D	2000	1600
LDM 3000D	3000	2400
LDM 4200D	4200	3360
LDM 6000D	6000	4800
LDM 8000D	8000	6400
LDM 10000D	10000	8000

Equipment

- Design in compliance with GMP
- Homogenizer for generating high shearing rates and suitable for smallest drops and tight drop distribution
- Product recirculation to ensure high specific process
- Mixing elements for high requirements with respect to viscosity, product behaviour and product properties
- Scrapers close to the mixer wall to support optimal process
- Operating panel integrated in the machine housing (option)
- Construction suitable for vacuum

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