MIXING TECHNOLOGIES

Laboratory Mixers

MLH









WAMGROUP®

MAP®

THE IDEAL SOLUTION FOR ANY PRODUCT OR PROCESS DEVELOPMENT AND FOR SMALL SCALE PRODUCTION

The MLH is a highly efficient, extremely versatile laboratory mixer. In research institutes as well as in the test facilities of various industries, the MLH mixer offers extensive possibilities for testing process feasibility. In addition, it is ideally suited for small scale production.

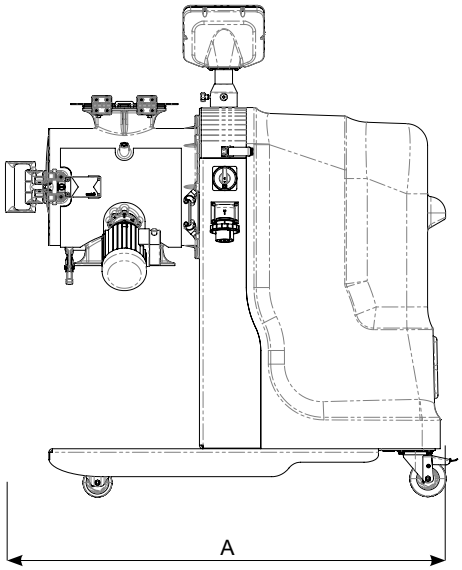
The machine consists of a free-standing drive unit with integrated frequency converter, an easily exchangeable horizontal mixing shaft mounted on the drive end and a replaceable mixing chamber with an inlet and an outlet spout.

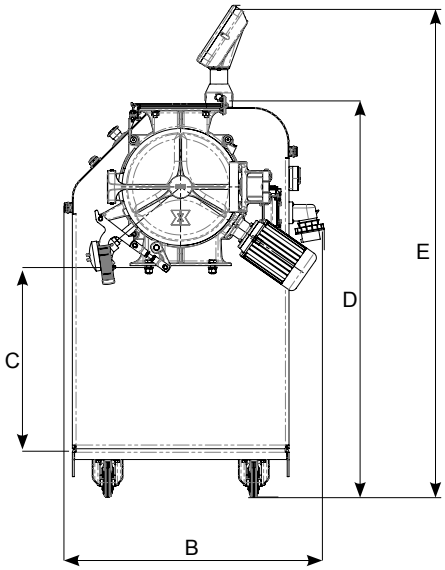
The MLH laboratory mixer operates according to the principle of a mechanically generated fluid bed process.





Overall Dimensions





Model	A	B	C	D	E	KG	Max. capacity per batch (l)
MLH 06	1,100	720	530	1,080	1,115	294	4.8
MLH 12	1,300	720	530	1,080	1,360	312	9.6
MLH 30	1,220	720	510	1,110	1,360	323	24.0
MLH 50	1,470	720	510	1,110	1,360	344	40.0

Dimensions in mm

Benefits

- ✓ **High quality mixtures in very short mixing time**
- ✓ **No product deterioration or damage**
- ✓ **All internal parts of the mixing chamber easily accessible**
- ✓ **Easily replaceable horizontal mixing shaft**
- ✓ **Maximum ease of operation and maintenance**
- ✓ **Ideal for product and process development**
- ✓ **Perfectly suitable for small scale production**

Technical Features

- Chamber volume: 6 ~ 50 litres (0.2 ~ 1.8 cu ft)
- Working volume: min. 1.2 litres (0.04 cu ft), max. 40 litres (1.4 cu ft)
- Electric motor controlled by frequency converter (possibility of setting shaft speed from 70 to 270 rpm)
- Available in 304L / 316L stainless steel
- Plug-and-play



1. Touch screen with integrated control and management software (option)

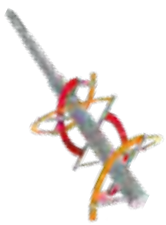


2. Knee-lever chamber access door
3. Tabletop design or free-standing mounted on castors
4. Mixed product outlet

Mixing Tools


Ploughshare


Blade


Ribbon


Toothed Ploughshare


Toothed Blade

Options


Heating Jacket

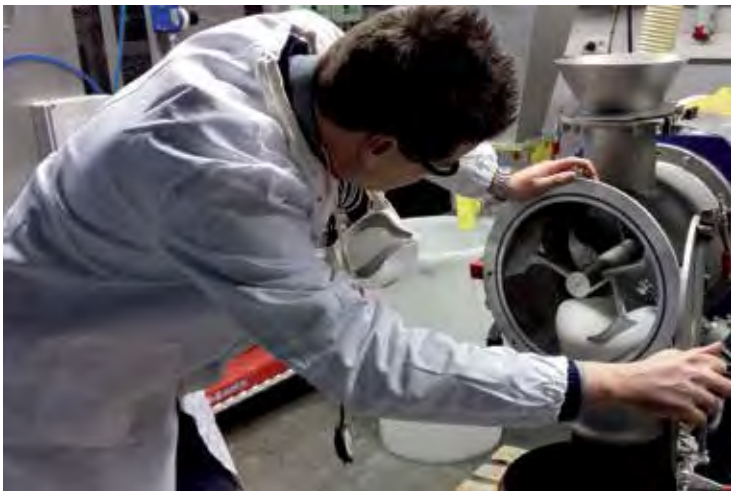

Blade + Tulip-type Chopper


Feeding Hopper


Liquid Injector


Touch Screen

Application





Industries



Pharmaceuticals



Cosmetics



Chemicals



Minerals



Food Processing



Animal Feed Milling



Building Materials



Secondary Battery Industry

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