

IBC MIXERS

FOR PLASTIC TRANSPORTABLE CONTAINERS




euromixers

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Euromixers unique mixing system is designed for standard plastic transportable containers (IBC) with a 150mm screw cap, to quickly resuspend the containers contents when settled out during transport or storage. IBC mixers are suitable for a wide variety of applications including - stirring, agitating, mixing and homogenising viscous liquids and high settled solids, slurries, wetting and dissolving powders.

"Using the IBC as a mixing vessel, offers significant savings on transfer and cleaning time"

Applications

- ◆ Chemical Industries
- ◆ Dye stuffs & Pigments
- ◆ Slurries
- ◆ Paint & Varnish
- ◆ Food & Beverages
- ◆ Water treatment chemicals & flocculants
- ◆ Cosmetics Industry

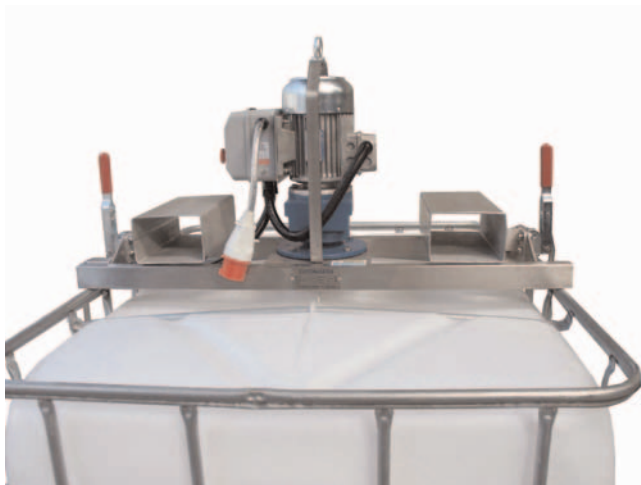
Container

Designed for use on 1000/800 litre IBC containers with 150mm screw caps by Schutz, Sotralentz and Van Leer, suitable for most containers

Models

HBC - high speed direct drive
LBC - low speed gear drive
Motors 0.37 - 1.5 kw electric or air
Special designs are also available for introducing powders or liquids into the IBC
Integral electronic variable speed are available

Technical Specification



Hopper Option

Mixer Support

Lightweight stainless steel bridge which mounts directly onto the IBC frame and is secured in place with quick action toggle clamps.

Lifting Options

As standard the mixer is supplied with an eye bolt for lifting the mixer using a hoist, bolt on modules are also available for lifting the mixer using a fork lift truck.

Electric Motors

415 Volts 3ph 50Hz protection IP55, fitted with Start/Stop push buttons and overload relays, a safety interlock is intergrated into the mixer support bridge and wired to the motor control.



Connection to the unit is with a 4 pin, 16 amp plug/socket. a 10 metre steel wire armoured flex extension cable is available as an optional extra.

Air Motors

Are fitted with a flow control valve and muffler.

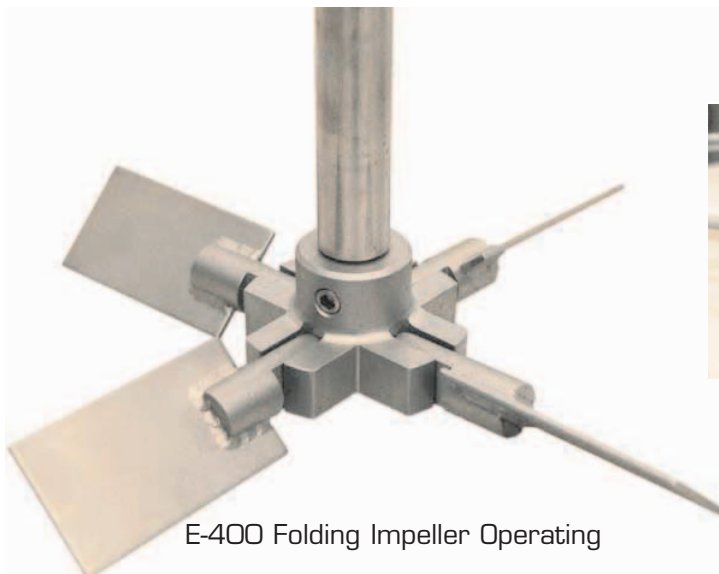
Gear Drives

Factory filled with a synthetic food quality lubricant and sealed for life.



Shaft & Impellers

The mixer shaft and impellers are manufactured in 316 stainless steel. High speed mixers are fitted with single or dual fixed impellers and low speed mixers with E-400 Folding Impellers.



E-400 Folding Impeller Operating



E-400 Folding Impeller Closed

Mixer Sizing & Selection

The following tables provide a general selection guide. Our application engineers will be pleased to advise on mixers/agitators suitable for your specific application.

Mild to Medium Agitation - 1000 Litre IBC

Viscosity Cp	Mixer Model	Drive Type
1.0 100	HBC-37	Direct
250 500 1000	LBC-37	Gear
2500 5000	LBC-75	Gear
15000	LBC-150	Gear

Vigorous Agitation - 1000 Litre IBC

Viscosity Cp	Mixer Model	Drive Type
1.0 100 250	LBC-37	Gear
500 1000	LBC-75	Gear
2500 5000	LBC-150	Gear

Enquiries/Ordering

Please mention container type and size: volume and mixing duty together with viscosity and SG when requesting a quotation or placing an order to enable our application engineers to confirm or propose a suitable IBC mixer selection. ATEX - please advise if the mixer will be used in a safe or Hazardous area.

Check List /Options

Drive Electric or Air

Lifting Hoist Standard or Fork Lift Truck Module

Extension 10 meter Steel wire armoured flex fitted with plug and socket.

For Local Service Contact:



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