



IBC Mixers

for Plastic

Transportable

Containers



IBC Mixers

Chemineer's unique range of industrial agitators are designed for use with plastic transportable (IBC) containers. We supply a range of models suitable for a variety of applications including—blending light viscous liquid as well as re-suspension of settled solids and dissolution of powders.

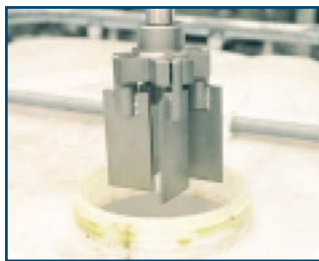
Applications

- Chemical Industry
- Dye Stuffs & Pigments
- Slurries
- Paint & Varnish
- Food & Beverage
- Water Treatment Chemicals and Flocculants
- Cosmetics Industry

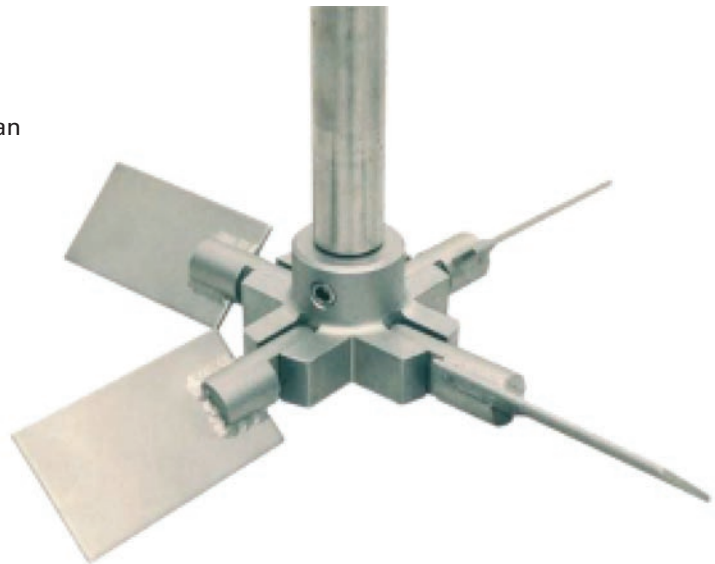


Container

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



*E-400 Folding Impeller
Closed*



*E-400 Folding Impeller
Operating*

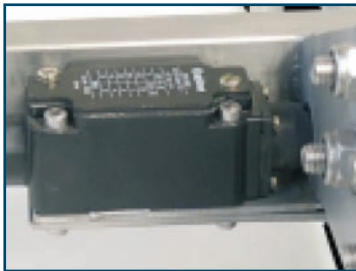
Technical Specification

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

The standard 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

- 400 Volts 3ph 50Hz protection IP55, fitted with Start / Stop push buttons and overload relays.
- Connection to the unit is with a 4 pin, 16 amp plug / socket, a 10 meter steel wire armored flex extension cable is available as an optional extra.
- A safety interlock is integrated into the mixer support bridge and wired to the motor control.

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 and 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.

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



Mixer Sizing and 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 Liter 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 Liter IBC		
Viscosity Cp	Mixer Model	Drive Type
1.0 100 250	HBC-37	Gear
500 1000	LBC-75	Gear
2500 5000	LBC-150	Gear

Inquiries / 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.

Check List / Options

- Drive Electric or Air
- Lifting Hoist Standard or Fork Lift Truck
- Extension 10 meter steel wire armored flex fitted with a plug and socket



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