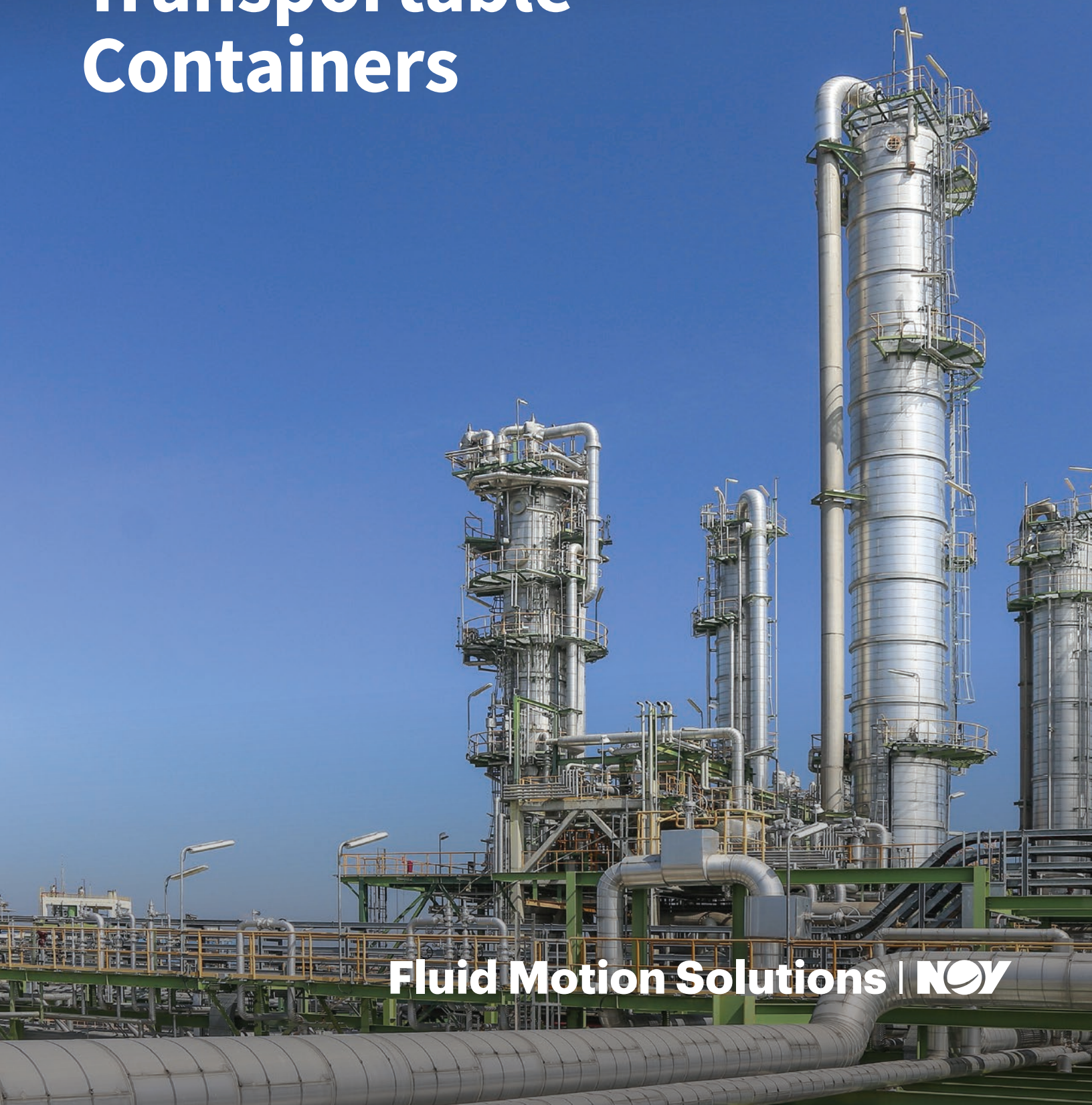


# IBC Mixers for Plastic Transportable Containers



Fluid Motion Solutions | **NOY**

# 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.

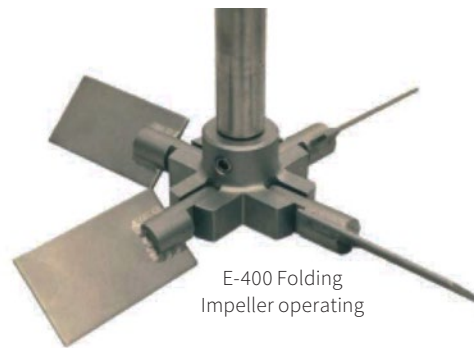
## Applications

- Chemical industry
- Dye stuffs and pigments
- Slurries
- Paint and varnish
- Food and 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 operating



E-400 Folding Impeller closed

## Technical Specification

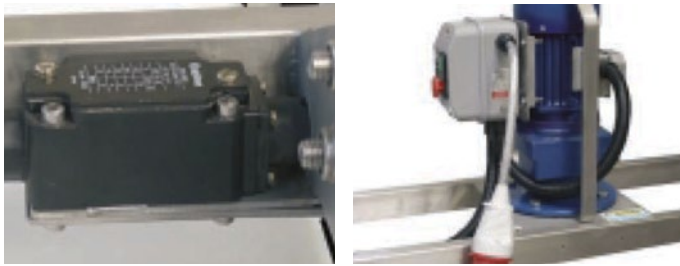
### Mixer Support

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.





## 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.

### 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



### 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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