



Tank Cleaning Technologies a division of

# inTank Technologies Limited

## Agitator for Portable IBC Mixing

### Application

The Portable IBC Agitator is designed and manufactured for use with transportable IBC containers used for Mixing, Dissolving, Re-Suspending and Blending applications. Suitable for mixing Industrial and Sanitary products, including Food and Beverage, Cosmetics, Detergents, Chemicals, Adhesives and Sealants and Waste Slurries.

### Working Principle

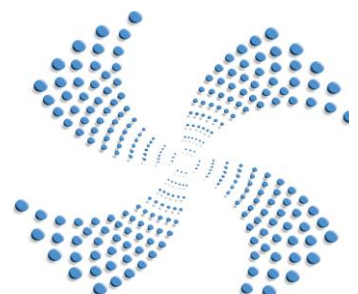
The IBC Agitator is designed for use on 1,000 litre containers with 150mm screw caps. The folding design of impellers allows the Agitator to be easily removed from the IBC inlet.

The Agitator can be mounted on a heavy duty stainless steel bridge which mounts directly onto the IBC frame and is secured in place with a quick release toggle clamp with fork truck handling inserts.



### Configured to your requirements

- Direct drive or geared drive
- Motor mounted variable speed
- Stainless steel UCON vessel IBC mixers
- Lifting stands (IBC mixing stations)
- Powder feed hopper
- Geared units allow drain down whilst mixing
- Forklift truck brackets
- 110v or 240v, single phase or 3 phase
- Air drive available
- Re-agitation or suspension
- ATEX for hazardous atmospheres



## Power Sizes

A range of motor sizes are available from 0.55kw direct drives units to a maximum of 7.5kw for heavy duty applications. Power supply options, Three phase 415v / Single phase 240v or 110v / Pneumatic.

## Options

- Direct drive Agitators with 1,000 rpm or 1,500 rpm with propellers, electric or air driven.
- Geared drives allowing operation during low-level discharge
- IP66 Variable speed control box with RPM display allowing vast viscosity range mixing and agitation.
- Centrifugal impellers designed to enter 150mm (6") inlets and large units for 200mm (8") inlets.
- ATEX Variant, Electric and Pneumatic.
- Corrosive chemical process options with material contact parts coated in chemical resistant material.
- Powder and liquid feed chutes enabling the IBC to become the complete process vessel.



| IBC Agitator Model | Electric/<br>or Air | Motor Power<br>& Output | Variable Speed<br>Opt. | Shaft Speed<br>RPM | Mxing Viscosity<br>Range (cP) | Agitation Viscosity<br>Range (cP) |
|--------------------|---------------------|-------------------------|------------------------|--------------------|-------------------------------|-----------------------------------|
| IBC550 D13         | E                   | 0.55 kW Direct          | Y                      | 1500               | 1-10                          | 10-50                             |
| IBCA 750 D15       | A                   | 0.75 kW Direct          | Y                      | 1500               | 1-100                         | 100-250                           |
| IBC 370 R30        | E                   | 0.37 kW Direct          | Y                      | 350                | 100-500                       | 500-1000                          |
| INC 750 R35        | E                   | 0.75 kW Direct          | Y                      | 350                | 1000-1500                     | 1500-2500                         |
| IBCA 750 F35       | A                   | 0.75 kW Direct          | Y                      | 350                | 1000-1500                     | 1500-2500                         |
| IBC 1500 F35       | E                   | 1.5 kW Direct           | Y                      | 350                | 2500-3000                     | 3000-4000                         |
| IBC 2200 F45       | E                   | 2.2 kW Direct           | Y                      | 350                | 3000-4000                     | 4000-5000                         |
| IBC 3000 F45T      | E                   | 3.0 kW Direct           | Y                      | 350                | 4000-4500                     | 4500-5500                         |
| HD IBC 5500 F50    | E                   | 5.5kW Direct            | Y                      | 313                | 5000-7000                     | 6000-9000                         |
| HD IBC 7500 F50T   | E                   | 7.5 kW Direct           | Y                      | 313                | 7000-9000                     | 9000-12000                        |

For more information contact inTank Technoloiges Limited

inTank Technologies, Unit 1A Goodsons Mews, Wellington Street, THAME. OX9 3BX

Phone: 01189 842001  
FAX: 01189842002  
Email: [enquiries@intanktech.co.uk](mailto:enquiries@intanktech.co.uk)  
Website: [www.intanktechnologies.co.uk](http://www.intanktechnologies.co.uk)

Company Reg No. 5097099

