

# Tetra Pak® Agitator IBC

Unit for agitating ingredient containers



## APPLICATION

Agitation of liquids of up to 200 cP viscosity in a standard intermediate bulk container (IBC).

Typical applications:

- Agitation of ingredient containers containing
- Food concentrates
- Liquid flavours or aromas
- Juices
- Agitation of liquid chemicals

## HIGHLIGHTS

- Unique design up to four times more efficient than conventional models
- Large mixing blades open automatically inside IBC, creating strong yet gentle agitation action at all fill levels
- Blades do not break surface, reducing risk of air in product
- Quick and easy to position and mount

## WORKING PRINCIPLE

Tetra Pak® Agitator IBC is specially designed for use with industry standard IBC containers. The agitator is lowered into position by either a forklift truck or overhead hoist. The unique design allows the IBC's contents to be agitated consistently, and independently of liquid level. The liquid surface is unbroken, reducing the risk of air entrainment. The mixing blades open automatically in the container and a chain beneath them ensures mixing at the bottom of the IBC even at a low fill level.

## MAIN COMPONENTS

- Electrical cable
- Connector plug
- Cable gland
- Switch box for plug

## TECHNICAL DATA

- All parts in contact with the product are made of polished AISI 316L and support frame AISI 304L
- Parts not in contact with the product are made of mild steel or aluminium and treated with two-component paint
- Minimum 130 mm IBC opening required

### Electrical power

400 V, 50 Hz

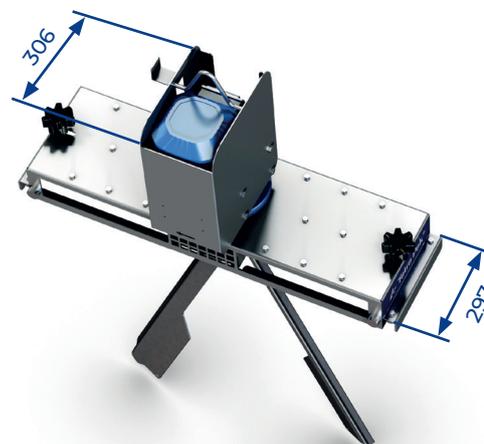
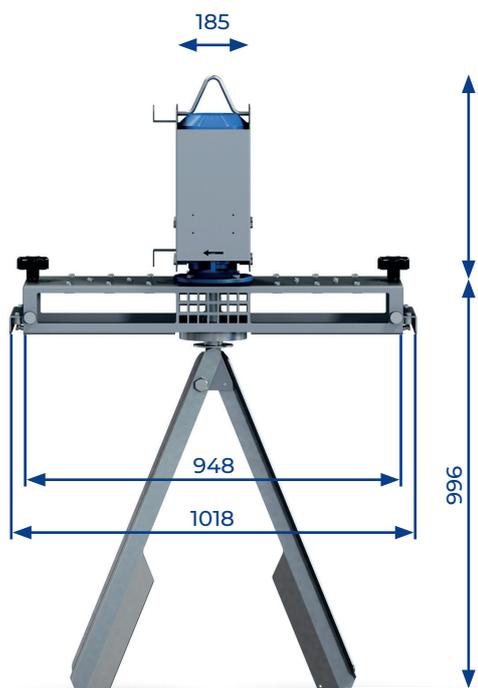
## DIMENSIONS

Minimum opening diameter 130 mm

Maximum rotating diameter 750 mm

Measurements in mm

Agitating chain is not indicated in the illustration below.



## OPTIONAL FEATURES

- Tetra Pak® Agitator IBC with explosion protection (ATEX zone 22)
- CIP container for four agitators – enables full hygienic cleaning
- Storage platform for storing four agitators when not in use
- Frequency inverter to adapt mixing effect depending on type of product and liquid volume

## CONTROL PANEL

Delivered without control panel.