

IBC AGITATORS PRODUCT OVERVIEW 2018

Telephone consultation: 0049 - 421 34 85 10

Agitating, homogenising, dispersing directly in the IBC container

The IBC agitators are universally and versatile usable because of the mobile and uncomplicated way of construction.

We set priorities: The sophisticated construction in alliance with modern mixing technology cater for effectiveness and easy operation. It's possible to mount or demount the IBC agitator in just a few steps because of the intuitive, fast jig.

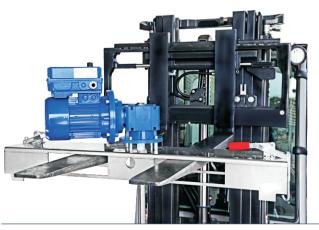
Fast delivery time, a competent service and flexibility distinguish us and our sortiment from the competition. Which agitator is suitable for our application? The medium viscosity is important and crucial for selecting the right choice.

If you don't know the exact viscosity of the application, you can make an estimate by the help of the examples below. Indications are accounted below every agitator.

application	viscosity in mPa·s
water	1
hair shampoo	3.000
buttercream	550
cocoa mass	4.000
fruit mash	650
glukose	5.000
gear oil SAE 90	700
wood glue	7.000
tomato ketchup	1.000
honey	10.000
mayonnaise	2.000
epoxy resin	20.000

If stainless steel isn't resistant for your application, we can offer you plastic coating (only propeller).

Even special models, custom made for your application can be realized. Contact us! Subject to technical modifications.





IBC-high-speed mixer type: IBC-0100 / Art. 10838

Fluids up to 600 m/Pas. Suitable for IBC-Containers

Technical specifications:

- High-speed mixer with firm, non-removable agitator-shaft
- 3-blade propeller Ø138mm (unscrewable)
- Propeller mirror polished, made of one piece
- Output: 0,75 kw
- Engine speed: 1410 rpm
- Voltage: 3PH 400V 50Hz IE3 with 3 thermistors (PTC)
- Material in contact with medium: AISI 316 (1.4404)
- Agitator weight: ca. 16 kg
- Stainless steel traverse AISI 304 (1.4301), 4mm strength, with 2 tenterhooks and 2 carrying handles
- Suitable for IBC-1000 liter
- CEE-plug switch on the traverse with no-voltage release and phase inverter



IBC-high-speed mixer type: IBC-0110 / Art. 10839 Fluids up to 600 m/Pas. Suitable for IBC-Containers

- High-speed mixer with firm, non-removable agitator-shaft
- 3-blade propeller Ø138mm (unscrewable)
- Propeller mirror polished, made of one piece
- Output: 0,75 kw
- Engine speed: 1410 rpm
- Voltage: 3PH 400V 50Hz IE3 with 3 thermistors (PTC)
- Material in contact with medium: AISI 316 (1.4404)
- Agitator weight: ca. 16 kg
- Stainless steel traverse AISI 304 (1.4301), 4mm strength, with 2 tenterhooks, 2 carrying handles and with two holes for forklift forks
- Suitable for IBC-1000 liter
- CEE-plug switch on the traverse with no-voltage release and phase inverter



IBC-high-speed mixer type: IBC-0140 / Art. 10840

Fluids up to 600 m/Pas. Suitable for IBC-Containers

Technical specifications:

- High-speed mixer with firm, non-removable agitator-shaft
- 3-blade propeller Ø138mm (unscrewable)
- Propeller mirror polished, made of one piece
- Output: 0,75 kw
- Engine speed: 0-1410 rpm (variable)
- Voltage: 3PH 400V 50Hz IE2
- Compact frequency inverter IP 55 NORD: release switch and potentiometer for stepless engine speed regulation (0-50 Hz) 0-1410 rpm
- Material in contact with medium: AISI 316 (1.4404)
- Agitator weight: ca. 17 kg
- Stainless steel traverse AISI 304 (1.4301), 4mm strength, with 2 tenterhooks and 2 carrying handles
- Suitable for IBC-1000 liter
- CEE-plug switch on the traverse with no-voltage release and phase inverter



IBC-high-speed mixer type: IBC-0150 / Art. 10841 Fluids up to 600 m/Pas. Suitable for IBC-Containers

- High-speed mixer with firm, non-removable agitator-shaft
- 3-blade propeller Ø138mm (unscrewable)
- Propeller mirror polished, made of one piece
- Output: 0,75 kw
- Engine speed: 0-1410 rpm (variable)
- Voltage: 3PH 400V 50Hz IE2
- Compact frequency inverter IP 55 NORD: release switch and potentiometer for stepless engine speed regulation (0-50 Hz) 0-1410 rpm
- Material in contact with medium: AISI 316 (1.4404)
- Agitator weight: ca. 17 kg
- Stainless steel traverse AISI 304 (1.4301), 4mm strength, with 2 tenterhooks, 2 carrying handles and with two holes for forklift forks
- Suitable for IBC-1000 liter
- CEE-plug switch on the traverse with no-voltage release and phase inverter



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IBC-worm gear agitator type: IBC-0160 / Art. 10842 Fluids up to 5.000 m/Pas. Suitable for IBC-Containers

Technical specifications:

- Motor and gear in latest aluminium technology, made by Getriebebau NORD
- Powerful, massive agitator shaft mounted in hollow shaft gearbox
- 4-blade-folding stirrer Ø340mm (8mm strength)
- Stirrer blades can be removed without any tools for easy cleaning, no screws in the container
- Output: 1,5 kw
- Engine speed: 290 rpm
- Voltage: 3PH 400V 50Hz IE3 with 3 thermistors (PTC)
- Material in contact with medium: AISI 316
- Agitator weight: ca. 23 kg
- Stainless steel traverse AISI 304 (1.4301), 4mm strength, with 2 tenterhooks
- Suitable for IBC-1000 liter
- CEE-plug switch on the traverse with no-voltage release and phase inverter
- Folding stirrer insertable through container opening Ø140mm



€ 2.350,-Art. 10842

Forklift version

IBC-worm gear agitator type: IBC-0170 / Art. 10843 Fluids up to 5.000 m/Pas. Suitable for IBC-Containers

Technical specifications:

- Motor and gear in latest aluminium technology, made by Getriebebau NORD
- Powerful, massive agitator shaft mounted in hollow shaft gearbox
- 4-blade-folding stirrer Ø340mm (8mm strength)
- Stirrer blades can be removed without any tools for easy cleaning, no screws in the container
- Output: 1,5 kw
- Engine speed: 290 rpm
- Voltage: 3PH 400V 50Hz IE3 with 3 thermistors (PTC)
- Material in contact with medium: AISI 316
- Agitator weight: ca. 23 kg
- Stainless steel traverse AISI 304 (1.4301), 4mm strength, with 2 tenterhooks and two holes for forklift forks
- Suitable for IBC-1000 liter
- CEE-plug switch on the traverse with no-voltage release and phase inverter
- Folding stirrer insertable through container opening Ø140mm



Art. 10843

IBC-worm gear agitator type: IBC-0180 / Art. 10844 Fluids up to 10.000 m/Pas. Suitable for IBC-Containers

Technical specifications:

- Motor and gear in latest aluminium technology, made by Getriebebau NORD
- Powerful, massive agitator shaft mounted in hollow shaft gearbox
- Foldable cup stirrer "Fluidjet" Ø600mm
- Stirring cups can be removed without any tools for easy cleaning, no screws in the container
- Output: 1,5 kw
- Engine speed: 290 rpm
- Voltage: 3PH 400V 50Hz IE3 with 3 thermistors (PTC)
- Material in contact with medium: AISI 316
- Agitator weight: ca. 23 kg
- Stainless steel traverse AISI 304 (1.4301), 4mm strength, with 2 tenterhooks
- Suitable for IBC-1000 liter
- CEE-plug switch on the traverse with no-voltage release and phase inverter
- \bullet Folding stirrer insertable through container opening Ø140mm



€ 2.390,-Art. 10844

IBC-worm gear agitator type: IBC-0190 / Art. 10845 Fluids up to 10.000 m/Pas. Suitable for IBC-Containers

Technical specifications:

- Motor and gear in latest aluminium technology, made by Getriebebau NORD
- Powerful, massive agitator shaft mounted in hollow shaft gearbox
- Foldable cup stirrer "Fluidjet" Ø600mm
- Stirring cups can be removed without any tools for easy cleaning, no screws in the container
- Output: 1,5 kw
- Engine speed: 290 rpm
- Voltage: 3PH 400V 50Hz IE3 with 3 thermistors (PTC)
- Material in contact with medium: AISI 316
- Agitator weight: ca. 23 kg
- Stainless steel traverse AISI 304 (1.4301), 4mm strength, with 2 tenterhooks and two holes for forklift forks
- Suitable for IBC-1000 liter
- CEE-plug switch on the traverse with no-voltage release and phase inverter
- Folding stirrer insertable through container opening Ø140mm



€ 2.460,-Art. 10845

IBC pneumatic high-speed mixer type: IBC-0120 / Art. 10846 Fluids up to 800 m/Pas. Suitable for IBC-Containers

Technical specifications:

- Agitator shaft removable through muff coupling
- Propeller stirrer Ø138mm
- Agitator weight: ca. 14 kg
- Pneumatic engine 300-3000 rpm
- Output: 2,7 kw at 6 bar
- For intermittent usage
- Continuous operation only with dried/cooled air supply
- Motor with turncock for air supply adjustment
- Stainless steel traverse AISI 304 (1.4301), 4mm strength, with 2 tenterhooks and 2 carrying handles
- Suitable for IBC-1000 liter



€ 1.565,-Art. 10846

IBC pneumatic high-speed mixer type: IBC-0130 / Art. 10847 For IBC-container. For watery mediums

- Agitator shaft removable through sleeve coupling
- Propeller stirrer Ø125mm
- Agitator weight: ca. 11 kg
- Pneumatic engine 300-3000 rpm
- Output: 0,67 kw at 6 bar
- For intermittent usage
- Continuous operation only with dried/cooled air supply
- Motor with turncock for air supply adjustment
- Stainless steel traverse AISI 304 (1.4301), 4mm strength, with 2 tenterhooks and 2 carrying handles
- Suitable for IBC-1000 liter



IBC-worm gear agitator type: IBC-0200 / Art. 10848 Fluids up to 2.000 m/Pas. Suitable for IBC-Containers

Technical specifications:

- Motor and gear in latest aluminium technology, made by Getriebebau NORD
- Powerful, massive agitator shaft mounted in hollow shaft gearbox
- 4-blade-folding stirrer Ø340mm (8mm strength)
- Stirrer blades can be removed without any tools for easy cleaning, no screws in the container
- Output: 0,75 kw
- Engine speed: 190 rpm
- Voltage: 3PH 400V 50Hz IE3 with 3 thermistors (PTC)
- Material in contact with medium: AISI 316
- Agitator weight: ca. 19 kg
- Stainless steel traverse AISI 304 (1.4301), 4mm strength, with 2 tenterhooks and 2 carrying handles
- Suitable for IBC-1000 liter
- CEE-plug switch on the traverse with no-voltage release and phase inverter
- Folding stirrer insertable through container opening Ø140mm



IBC-worm gear agitator type: IBC-0210 / Art. 10849 Fluids up to 2.000 m/Pas. Suitable for IBC-Containers

Technical specifications:

- Motor and gear in latest aluminium technology, made by Getriebebau NORD
- Powerful, massive agitator shaft mounted in hollow shaft gearbox
- 4-blade-folding stirrer Ø340mm (8mm strength)
- Stirrer blades can be removed without any tools for easy cleaning, no screws in the container
- Output: 0,75 kw
- Engine speed: 190 rpm
- Voltage: 3PH 400V 50Hz IE3 with 3 thermistors (PTC)
- Material in contact with medium: AISI 316
- Agitator weight: ca. 21 kg
- Stainless steel traverse AISI 304 (1.4301), 4mm strength, with 2 tenterhooks and two holes for forklift forks
- Suitable for IBC-1000 liter
- CEE-plug switch on the traverse with no-voltage release and phase inverter
- Folding stirrer insertable through container opening Ø140mm



Art. 10849

IBC-worm gear agitator type: IBC-0220 / Art. 10850 Fluids up to 3.000 m/Pas. Suitable for IBC-Containers

Technical specifications:

- Motor and gear in latest aluminium technology, made by Getriebebau NORD
- Powerful, massive agitator shaft mounted in hollow shaft gearbox
- Foldable cup stirrer "Fluidjet" Ø600mm
- Stirring cups can be removed without any tools for easy cleaning, no screws in the container
- Output: 0,75 kw
- Engine speed: 190 rpm
- Voltage: 3PH 400V 50Hz IE3 with 3 thermistors (PTC)
- Material in contact with medium: AISI 316
- Agitator weight: ca. 20 kg
- Stainless steel traverse AISI 304 (1.4301), 4mm strength, with 2 tenterhooks and 2 carrying handles
- Suitable for IBC-1000 liter
- CEE-plug switch on the traverse with no-voltage release and phase inverter
- Folding stirrer insertable through container opening Ø140mm



IBC-worm gear agitator type: IBC-0230 / Art. 10851 Fluids up to 3.000 m/Pas. Suitable for IBC-Containers

- Motor and gear in latest aluminium technology, made by Getriebebau NORD
- Powerful, massive agitator shaft mounted in hollow shaft gearbox
- Foldable cup stirrer "Fluidjet" Ø600mm
- Stirring cups can be removed without any tools for easy cleaning, no screws in the container
- Output: 0,75 kw
- Engine speed: 190 rpm
- Voltage: 3PH 400V 50Hz IE3 with 3 thermistors (PTC)
- Material in contact with medium: AISI 316
- Agitator weight: ca. 20 kg
- Stainless steel traverse AISI 304 (1.4301), 4mm strength, with 2 tenterhooks and two holes for forklift forks
- Suitable for IBC-1000 liter
- CEE-plug switch on the traverse with no-voltage release and phase inverter
- Folding stirrer insertable through container opening Ø140mm





IBC-worm gear agitator type: IBC-0205 / Art. 10852 Fluids up to 2.000 m/Pas. Suitable for IBC-Containers

Technical specifications:

- Motor and gear in latest aluminium technology, made by Getriebebau NORD
- Powerful, massive agitator shaft Ø28mm mounted in hollow shaft gearbox
- 4-blade-folding stirrer Ø340mm (8mm strength)
- Stirrer blades can be removed without any tools for easy cleaning, no screws in the container
- Output: 0,75 kw
- Engine speed: 0-190 rpm (variable)
- Voltage: 3PH 400V 50Hz IP55 IE2
- Compact frequency inverter IP 55 NORD: release switch and potentiometer for stepless engine speed regulation (0-50 Hz) 0-190 rpm
- Material in contact with medium: AISI 316
- Agitator weight: ca. 20 kg
- Stainless steel traverse AISI 304 (1.4301), 4mm strength, with 2 tenterhooks and 2 carrying handles
- Suitable for IBC-1000 liter
- CEE-plug switch on the traverse with no-voltage release and phase inverter
- Folding stirrer insertable through container opening Ø140mm



IBC-worm gear agitator type: IBC-0215 / Art. 12121 Fluids up to 2.000 m/Pas. Suitable for IBC-Containers

- Motor and gear in latest aluminium technology, made by Getriebebau NORD
- Powerful, massive agitator shaft Ø28mm mounted in hollow shaft gearbox
- 4-blade-folding stirrer Ø340mm (8mm strength)
- Stirrer blades can be removed without any tools for easy cleaning, no screws in the container
- Output: 0,75 kw
- Engine speed: 0-190 rpm (variable)
- Voltage: 3PH 400V 50Hz IP55 IE2
- Compact frequency inverter IP 55 NORD: release switch and potentiometer for stepless engine speed regulation (0-50 Hz) 0-190 rpm
- Material in contact with medium: AISI 316
- Stainless steel traverse AISI 304 (1.4301), 4mm strength, with 2 tenterhooks, 2 carrying handles and two holes for forklift forks
- Suitable for IBC-1000 liter
- CEE-plug switch on the traverse with no-voltage release and phase inverter
- Folding stirrer insertable through container opening Ø140mm



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IBC-worm gear agitator type: IBC-0225 / Art. 10853 Fluids up to 3.000 m/Pas. Suitable for IBC-Containers

Technical specifications:

- Motor and gear in latest aluminium technology, made by Getriebebau NORD
- Powerful, massive agitator shaft Ø28mm mounted in hollow shaft gearbox
- Foldable cup stirrer "Fluidjet" Ø600mm
- Stirring cups can be removed without any tools for easy cleaning, no screws in the container
- Output: 0,75 kw
- Engine speed: 0-190 rpm (variable)
- Voltage: 3PH 400V 50Hz IP55 IE2
- Compact frequency inverter IP 55 NORD: release switch and potentiometer for stepless engine speed regulation (0-50 Hz) 0-190 rpm
- Material in contact with medium: AISI 316
- Stainless steel traverse AISI 304 (1.4301), 4mm strength, with 2 tenterhooks and 2 carrying handles
- Suitable for IBC-1000 liter
- CEE-plug switch on the traverse with no-voltage release and phase inverter
- Folding stirrer insertable through container opening Ø140mm



€ 2.760,-Art. 10853

IBC-worm gear agitator type: IBC-0235 / Art. 10854 Fluids up to 3.000 m/Pas. Suitable for IBC-Containers

- Motor and gear in latest aluminium technology, made by Getriebebau NORD
- Powerful, massive agitator shaft Ø28mm mounted in hollow shaft gearbox
- Foldable cup stirrer "Fluidjet" Ø600mm
- Stirring cups can be removed without any tools for easy cleaning, no screws in the container
- Output: 0,75 kw
- Engine speed: 0-190 rpm (variable)
- Voltage: 3PH 400V 50Hz IP55 IE2
- Compact frequency inverter IP 55 NORD: release switch and potentiometer for stepless engine speed regulation (0-50 Hz) 0-190 rpm
- Material in contact with medium: AISI 316
- Stainless steel traverse AISI 304 (1.4301), 4mm strength, with 2 tenterhooks, 2 carrying handles and two holes for forklift forks
- Suitable for IBC-1000 liter
- CEE-plug switch on the traverse with no-voltage release and phase inverter
- Folding stirrer insertable through container opening Ø140mm





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IBC-worm gear agitator type: IBC-0240 / Art. 10855 Fluids up to 5.000 m/Pas. Suitable for IBC-Containers

Technical specifications:

- Motor and gear in latest aluminium technology, made by Getriebebau NORD
- Powerful, massive agitator shaft Ø28mm mounted in hollow shaft gearbox
- 4-blade-folding stirrer Ø340mm (8mm strength)
- Stirrer blades can be removed without any tools for easy cleaning, no screws in the container
- Output: 1,5 kw
- Engine speed: 0-290 rpm (variable)
- Voltage: 3PH 400V 50Hz IP55 IE2
- Compact frequency inverter IP 55 NORD: release switch and potentiometer for stepless engine speed regulation (0-50 Hz) 0-290 rpm
- Material in contact with medium: AISI 316
- Agitator weight: ca. 27 kg
- Stainless steel traverse AISI 304 (1.4301), 4mm strength, with 2 tenterhooks and two holes for forklift forks
- Suitable for IBC-1000 liter
- CEE-plug switch on the traverse with no-voltage release and phase inverter
- Folding stirrer insertable through container opening Ø140mm



IBC-worm gear agitator type: IBC-0250 / Art. 10856 Fluids up to 10.000 m/Pas. Suitable for IBC-Containers

- Motor and gear in latest aluminium technology, made by Getriebebau NORD
- Powerful, massive agitator shaft Ø28mm mounted in hollow shaft gearbox
- Foldable cup stirrer "Fluidjet" Ø600mm
- Stirring cups can be removed without any tools for easy cleaning, no screws in the container
- Output: 1,5 kw
- Engine speed: 0-290 rpm (variable)
- Voltage: 3PH 400V 50Hz IP55 IE2
- Compact frequency inverter IP 55 NORD: release switch and potentiometer for stepless engine speed regulation (0-50 Hz) 0-290 rpm
- Material in contact with medium: AISI 316
- Agitator weight: ca. 27 kg
- Stainless steel traverse AISI 304 (1.4301), 4mm strength, with 2 tenterhooks and two holes for forklift forks
- Suitable for IBC-1000 liter
- CEE-plug switch on the traverse with no-voltage release and phase inverter
- Folding stirrer insertable through container opening Ø140mm



IBC-worm gear agitator type: IBC-0260 / Art. 10857 Fluids up to 20.000 m/Pas. Suitable for IBC-Containers

Technical specifications:

- Motor and gear in latest aluminium technology, made by Getriebebau NORD
- Powerful, massive agitator shaft Ø40mm mounted in hollow shaft gearbox
- Foldable cup stirrer "Fluidjet" Ø600mm
- Stirring cups can be removed without any tools for easy cleaning, no screws in the container
- Output: 2,2 kw
- Engine speed: 0-270 rpm (variable)
- Voltage: 3PH 400V 50Hz IP55 IE2
- Compact frequency inverter IP 55 NORD: release switch and potentiometer for stepless engine speed regulation (0-50 Hz) 0-270 rpm
- Material in contact with medium: AISI 316
- Stainless steel traverse AISI 304 (1.4301), 4mm strength, with 2 tenterhooks and two holes for forklift forks
- Suitable for IBC-1000 liter
- CEE-plug switch on the traverse with no-voltage release and phase inverter
- Folding stirrer insertable through container opening Ø140mm



IBC-Jet stream mixer MOVESHOCK type: IBC-0270 / Art. 10858 Jet stream mixer with dynamic pressure technology

- The MOVESHOCK mixer is a jet stream mixer which enables fast and efficient stirring
- The agitator shaft is embedded in an closed pipe system
- Only the rotating stirrer element is visible in the concentric cylinder
- No free rotating agitator shaft; supported though two bearings with shaft seal
- Lower medium rotation compared to conventional propeller agitators
- Output: 3,0 kw
- Engine speed: 1500 rpm
- Voltage: 400V 50Hz Iso.F IP55 S1 IE3
- Screw cap: min. DN 225Cone diameter: 168mm
- Rotor element diameter: 150mm
- Stainless steel traverse AISI 304 (1.4301), 4mm strength, with 2 tenterhooks, two holes for forklift forks and 2 carrying handles (use carrying handles only for the traverse)
- Suitable for IBC-1000 liter
- CEE-plug switch on the traverse with no-voltage release and phase inverter



Traverse stainless steel 1.4301 4mm thickness / Art. IBC-TR04 with 2 tenterhooks and 2 carrying handles

Technical specifications:

- For IEC flange Ø 160mm or Ø 200mm
- For IBC-1000 liter
- Up to 50 kg load capacity



€ 325,-Art. IBC-TR04

Forklifttraverse stianless steel 1.4301 4mm thickness / Art. IBC-TRS04 with 2 holes for forklift forks, 2 tenterhooks and 2 carrying handles

Technical specifications:

- For IEC flange Ø 160mm or Ø 200mm
- For IBC-1000 liter
- Up to 50 kg load capacity



Forklift version

€ 375,-Art. IBC-TRS04

4-blade folding stirrer / Art. IBC-KL340-8 1.4571 ø 340mm

Technical specifications:

- M16 thread
- ullet Stirrer insertable through opening Ø 140mm
- The blades fold automatically through centrifugal forcer



€ 440,-Art. IBC-KL340-8

SRT-Fluidjet-2-arm beaker stirrer / Art. IBC-BEC-600 ø 600mm

- M16 thread
- ullet Stirrer insertable through opening Ø 140mm
- The arms open automatically through centrifugal force
- Stirrer removable without tools





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