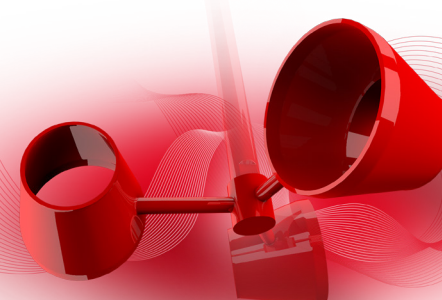




VISCO JET® VJ450/ VJ455

Column Agitators for Transport Containers



Application and Functionality

The VISCO JET® VJ450 and VJ455 column agitators are versatile solutions for stirring a wide range of transport containers, including IBCs, drums, and custom stainless-steel tanks.

While the VJ450 is equipped with a manual height adjustment operated via a handle on the column arm, the VJ455 features electric lift adjustment, which can be conveniently controlled via a switch set or control panel.

Thanks to lift heights of 1,200 mm or 1,400 mm, as well as various impeller and drive options, the agitators can be optimally adapted to the respective mixing task.

The agitators can be installed either on the floor with a base or on the wall using a mounting plate. Integrated functions, such as a working position switch and a vessel detection system at the stand base, ensure operational safety. Operation of the agitators is only enabled after positive feedback from the safety switches.

Optional switch set and control solutions provide the flexibility to individually adjust and manage stirring speed, time, level, and even recipe settings.

An ATEX version also allows safe operation in explosive environments.

Technology

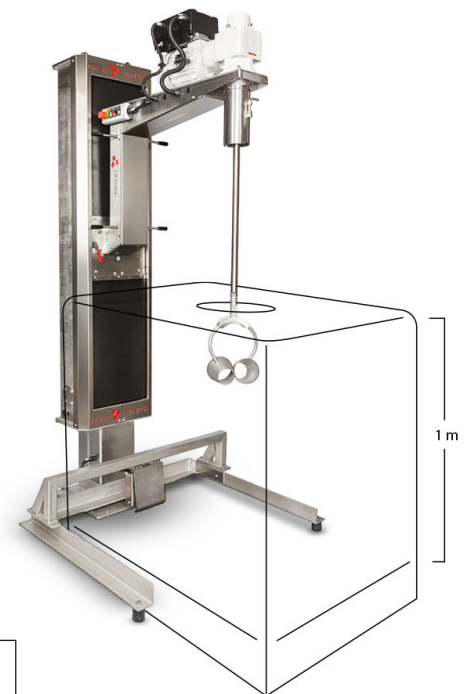
- ⚙ Drive powers from 1.85 to 3.0 kW
- ⚙ Frequency converter for enhanced flexibility through speed control
- ✦ Agitator made of high-quality stainless steel ensures a quick and easy cleaning process
- 🛡 Various safety features and internal cable routing ensure safe operation
- 📏 1,200 mm lifting height enables mixing of different containers
- 📍 Installation possible either on the floor or on the wall

Additional Options

- ⚙ Different control variants with safety category SIL3
- 📏 Vessel positioning rails for quick positioning of the container in front of the agitator
- 📏 Lift extension to 1,400 mm on the VJ455
- 🔌 Quick-release coupling including protection unit
- ⚠ ATEX version available up to Zone 1 (VJ450) and Zone 0 (VJ455)
- 🔒 Vessel clamping via strap solution or clamping arm
- 🔍 Vessel detection with adjustable detection plate
- 🗑 Drip tray

Why VISCO JET®?

- 🌀 All-Rounder
Flexible use from containers to drums
- ✦ Precision fit
Flexible mounting options cover a wide range of requirements
- 🛡 Safe
Maximum safety and ease of operation
- 🌱 Sustainable
Efficient processes through short mixing times and low drive power requirements



Sustainable in Every Detail



Product quality

Consistent and high product quality due to a gentle and efficient agitating process



Process costs

Reduction of process costs through low wear and various combination options of agitator systems



Process efficiency

Increasing process efficiency through short mixing times and a wide range of applications



Sustainability

Sustainable processes through low drive power

VISCO JET

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Comparison of the VISCO JET® VJ450 (EX) and VJ455 (EX):

	VJ450	VJ450 EX	VJ455	VJ455 EX
Drive Power	2.2 / 3.0 kW	1.85 / 2.2 / 3.0 kW	2.2 / 3.0 kW	1.85 / 2.2 / 3.0 kW
ATEX	---	Zone 1, 2, 21 and 22	---	Zone 0, 1, 2, 21 and 22
Power Supply	400 V		400 V	
Impeller	Compatible with all VISCO JET® impellers		Compatible with all VISCO JET® impellers	
Lifting Height Adjustment	Manual		Electric	
Lifting Height	1,200 mm		Up to 1,400 mm	
Roller Belt Cover	Polyurethane		Also available in stainless steel	
Limit Switch	---		☑	
Working Position Switch	☑		☑	
Vessel Detection	☑		☑	
Vessel Clamping Device	Optional		Optional	
Vessel Positioning Rails	Optional		Optional	
Drip Catcher	Optional		Optional	
Fast Coupling Device	Optional		Optional	



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