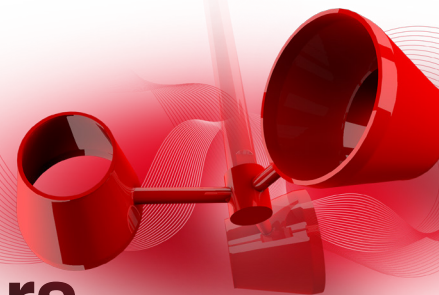




VISCO JET® VJ480/ VJ485

Mobile Column Agitators for Transport Containers



Application and Functionality

The VISCO JET® column agitators VJ480 and VJ485 are ideal solutions for mixing at changing production stations. With a lifting height of 1,200 mm, they are suitable for a wide range of transport containers such as IBCs, drums, and custom stainless steel tubs.

Both models are equipped with a robust chassis, stainless steel fork construction, smooth-running plastic wheels, and a tight turning circle, ensuring precise positioning in the work area.

While the VJ480 is equipped with a manual height adjustment operated via a handle on the column arm, the VJ485 features an electric lift adjustment that can be conveniently controlled via a switch set or control panel.

With various impeller and drive options, both agitators can be perfectly tailored to any mixing task. In combination with our switch and control solutions, stirring speed, stirring time, and recipe settings can be individually programmed and easily recalled.

An ATEX version also allows safe operation in explosive environments.

Technology

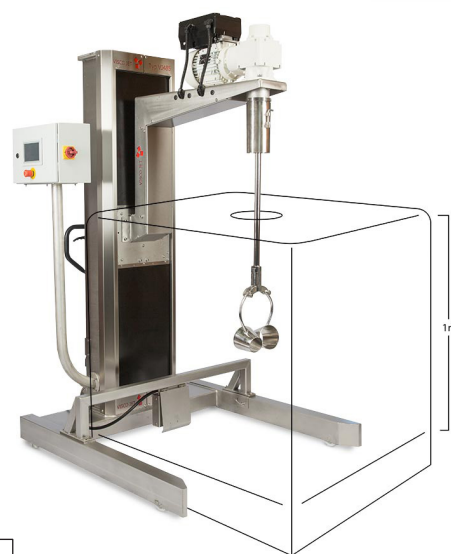
- ⚙ Drive powers from 1.85 to 3.0 kW
- ⚙ Frequency converter for enhanced flexibility through speed control
- ✦ Agitator made of high-quality stainless steel ensures a quick and easy cleaning process
- 🛡 Various safety features and internal cable routing ensure safe operation
- 📏 1,200 mm lifting height enables mixing of different containers
- 📍 Mobile agitator for location-independent production processes
- 📍 Vessel positioning rails for quick positioning of the container in front of the agitator

Additional Options

- ⚙ Different control variants with safety category SIL3
- 🔌 Quick-release coupling including protection unit
- 📡 Ultrasonic sensor for automatic speed control based on liquid level
- ⚠ ATEX version available up to Zone 1 (VJ480) and Zone 0 (VJ485)
- 🛡 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
- 📍 Mobile, location-independent mixing technology for maximum process flexibility
- 🛡 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

VISCO JET Rührsysteme GmbH
Mittlere Greut 2
79790 Küssaberg

viscojet.com



Comparison of the VISCO JET® VJ480 (EX) and VJ485 (EX):

	VJ480	VJ480 EX	VJ485	VJ485 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 1,200 mm	
Roller Belt Cover	Polyurethane		Also available in stainless steel	
Limit Switch	---		☑	
Working Position Switch	☑		☑	
Vessel Detection	☑		☑	
Vessel Positioning Rails	☑		☑	
Vessel Clamping Device	Optional		Optional	
Drip Catcher	Optional		Optional	
Fast Coupling Device	Optional		Optional	



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