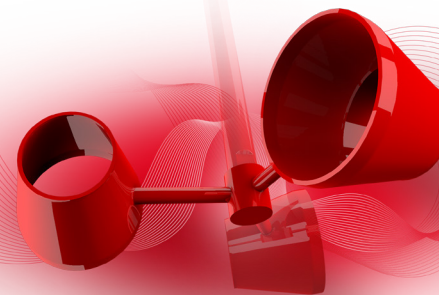




VISCO JET® VJ421

The Column Agitator for Hygienic Precision



Application and Functionality

The VISCO JET® VJ421 is a high-performance stand agitator specifically designed for mixing processes with high hygiene requirements in the food, pharmaceutical, cosmetics, and chemical industries.

Featuring an electric lift of up to 1,600 mm, the agitator accommodates various container types and sizes, from 1,000-liter IBCs and 200-liter drums to custom special containers. The VJ421 reliably processes large batches as well as highly viscous or challenging media.

The fully stainless steel construction meets the highest hygiene standards and allows for quick cleaning with minimal downtime. For maximum operational safety, the VJ421 is equipped with integrated safety features such as a working position switch, limit switches, and vessel detection at the stand base. An ATEX version is also optionally available for use in explosive areas.

Optional control solutions allow individual adjustment of stirring speed, time, and level, as well as recipe management. Networking via the OPC UA interface is available on request for seamless integration into digital production environments.

Technology

- ⚙ High drive power from 3.0 to 5.5 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
- 🔧 Electric height adjustment
- 📏 Lifting height of 1,200 mm (standard), 1,400 mm, or 1,600 mm enables flexible stirring of different containers
- 📍 Mounting possible on floor, wall, or ceiling for optimal space utilization

Additional Options

- ⚙ Different control variants with safety category SIL3
- 📏 Vessel positioning rails for quick positioning in front of the agitator
- 📏 Lift extension to 1,600 mm
- 🔧 Quick-release coupling including protection unit
- ⚠ ATEX version for zone 0 or 1
- 🛡 Vessel clamping via strap solution or clamping arm
- 📏 Vessel detection with adjustable detection plate
- 🗑 Drip tray

Why VISCO JET®?

- ⚙ High-performance
High-end agitator for complex mixing tasks
- ✦ Hygienic
Stainless steel construction meets the highest hygiene standards for sensitive processes
- 🔧 Precision fit
Flexible mounting options cover a broad variety of requirements
- ⚙ All-Rounder
Flexible use from containers to drums
- 🛡 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



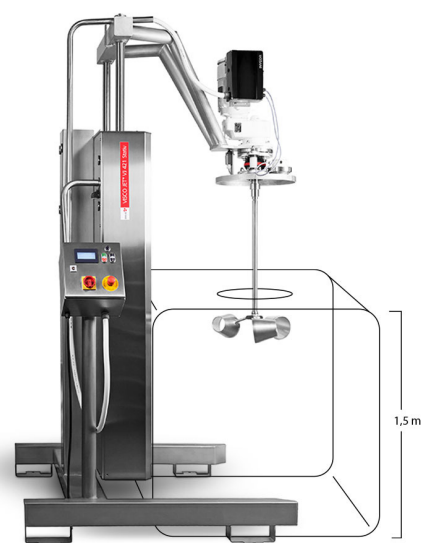
Process efficiency

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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The VISCO JET® VJ421 (EX) is Available in the Following Versions:

Installation	Drive Power	Power Supply	Lifting Height
Wall	3.0 kW	400 V	1,200 / 1,400 / 1,600 mm
	4.0 kW		
	5.5 kW		
Floor	3.0 kW	400 V	1,200 / 1,400 / 1,600 mm
	4.0 kW		
	5.5 kW		
Ceiling	3.0 kW	400 V	1,200 / 1,400 / 1,600 mm
	4.0 kW		
	5.5 kW		



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