



VISCO JET® VJ500

The Tank Agitator for Top-Mounted Installation



Application and Functionality

The VISCO JET® VJ500 is specifically designed for top-mounted installation in fixed storage and production tanks. Mounted directly onto the tank via a mounting flange or lantern, it is suitable for filling volumes ranging from 10 to 1,500,000 liters – from small tanks to large vessels.

The VJ500 tank agitator is compatible with all VISCO JET® impellers and can optionally be equipped with a residual quantity agitator. By individually selecting motor power, impeller type, shaft design, materials, and sealing systems, the agitator can be precisely adapted to the specific mixing task and tank design.

The result is efficient and uniform mixing of the entire tank contents – even with high-viscosity media up to 500,000 mPas and beyond.

Typical applications of the VJ500 can be found in the chemical, pharmaceutical, cosmetics, and food industries.

Depending on requirements, the agitator can also be designed for use in explosive atmospheres up to ATEX Zone 0.

Technology

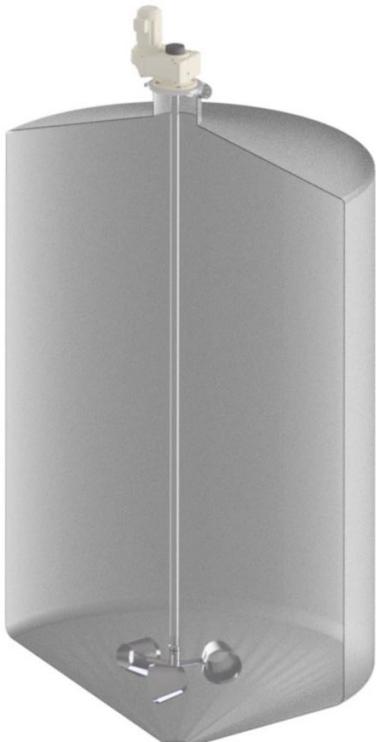
- ⦿ Drive power starting from 0.12 kW for customized agitator solutions
- ⦿ Frequency converter for increased flexibility through speed control
- ⦿ Low wear of agitator components due to low operating speeds
- ⦿ Various sealing solutions, from radial shaft seals to single- or double-acting mechanical seals, ensuring high product and operational safety
- ⦿ Easy cleaning of the agitator (also suitable for CIP solutions)

Why VISCO JET®?

- ❖ Flexible
Whether 10 or 1,500,000 liters – the VISCO JET® VJ500 ensures uniform mixing of the entire tank contents
- ❖ Practical
Compact design for easy installation and commissioning
- ❖ Customized
Individually tailored to the customer's requirements
- ❖ Sustainable
Sustainable processes through short mixing times and low drive power requirements

Additional Options

- ⦿ Low-wear shaft retaining ring for applications with high dynamic loads
- ⦿ Coated surfaces on all product-contact components
- ⦿ ATEX designs available up to Zone 0
- ❖ Ground or electropolished surfaces for even easier and faster cleaning without dead spaces
- ❖ Hygienic design for food applications
- ❖ Shaft segmentation for easy and safe installation, even with tall tanks or limited installation height on site



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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