



**Sustainable  
agitation with  
VISCO JET®**



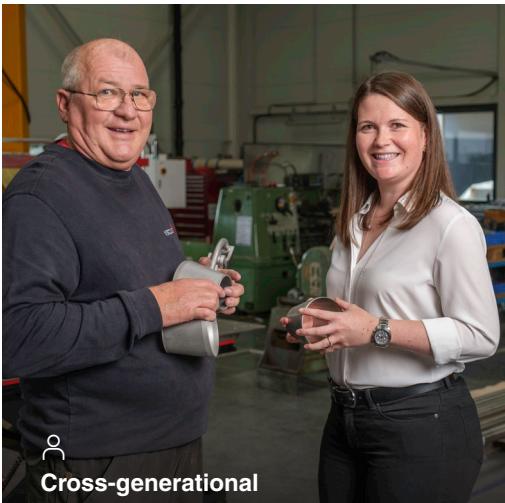
The people who work here  
drive processes forward sustainably

# Living the future

For over 30 years and in the second generation our family-owned company VISCO JET® has designed and produced sustainable agitation technology. Today, the internationally renowned brand stands for innovation and drive. To make sure it stays that way, the company is in a permanent state of transformation to find

answers to the questions of tomorrow. Our Open Door Policy encourages internal communication. This benefits employees and customers alike. We work closely with our suppliers and monitor the entire value chain together. This way, the products are constantly improved in order to develop even more resource-efficient solutions.

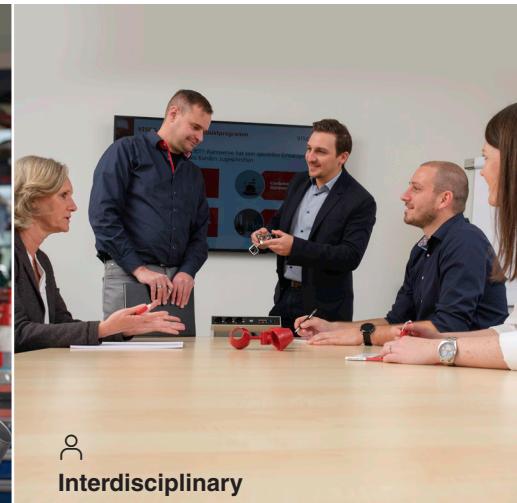
Sustainability is our priority here. We listen carefully to what our customers have to say and identify their needs swiftly and comprehensively. And there's plenty going on in the details. We never say, „that has always been the case“, because we are convinced everything can be improved! That goes for all disciplines — whether it's the user experience, training, sales, logistics — our employees scrutinise and refine everything. These incentives drive our further growth with pioneering products and services.



Cross-generational



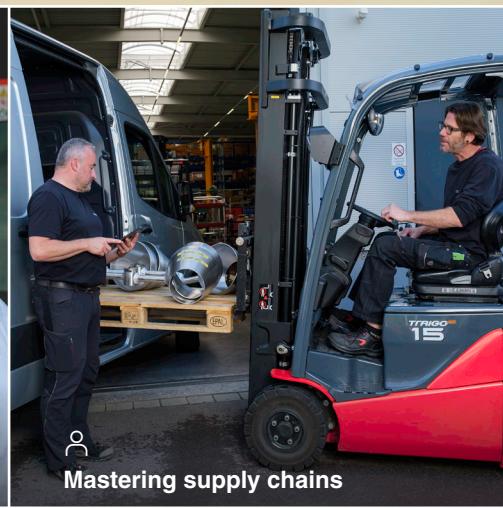
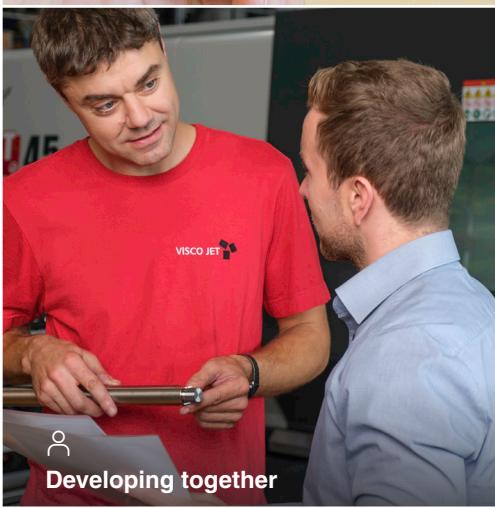
Contemporary training



Interdisciplinary



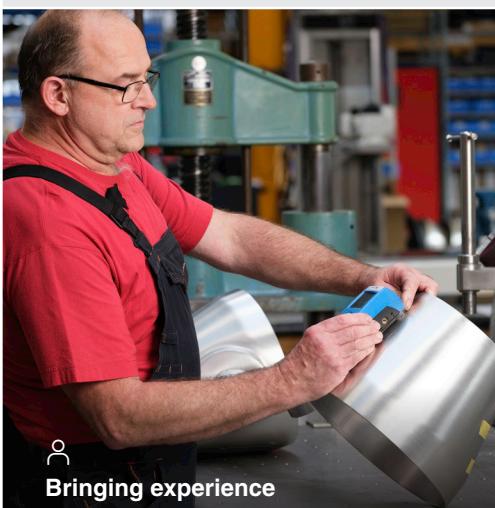
Thinking anew



## We welcome new talents!

They take a fresh look at all our challenges. We offer them an excellent environment for their personal development. Our philosophy is: Don't adapt; unleash potential. Age is irrelevant here!

#LikeAViscoJet



At home everywhere

# Industry experts

Our deep understanding of the industries we support is what sets us apart. We guarantee that the desired agitation results are achieved. We do this by tailoring our offers to our customers!

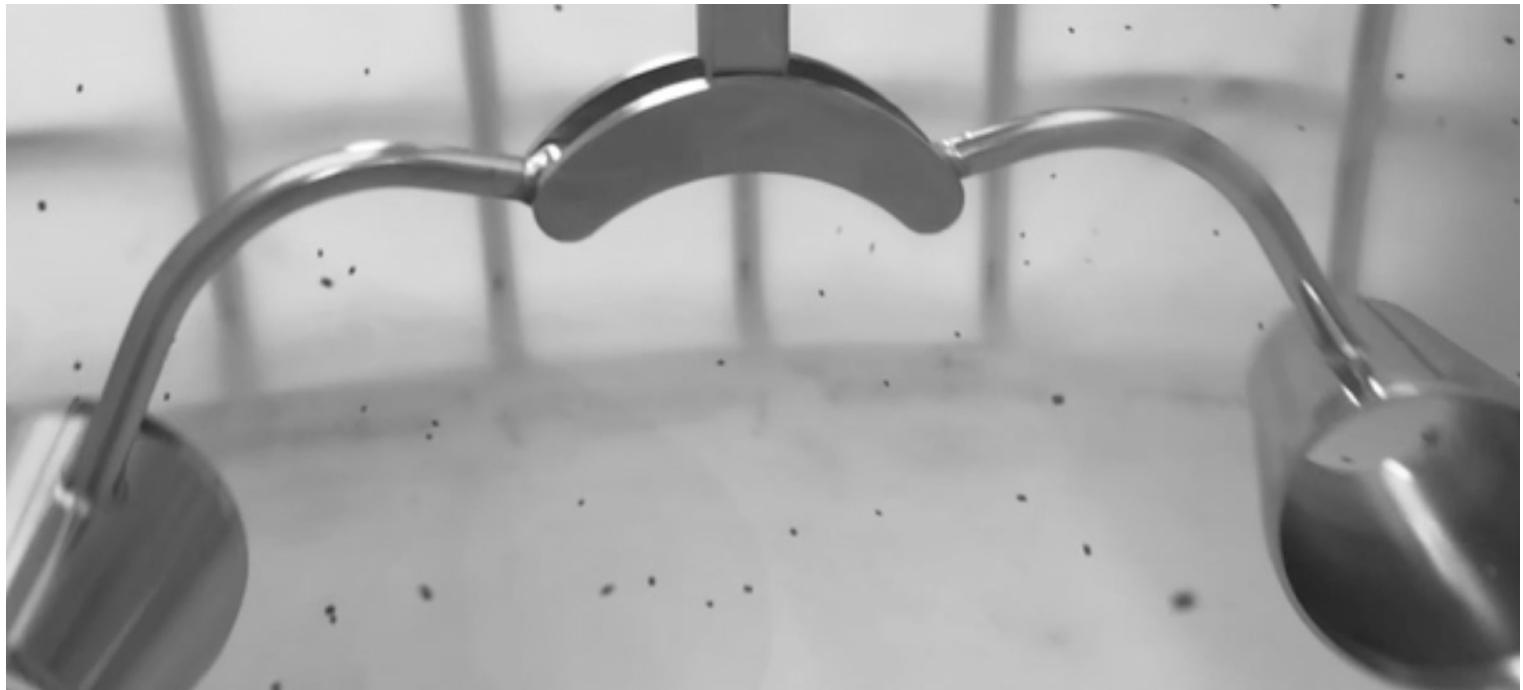
### We support the following industries:

- ⌚ Ceramics
- ⌚ Cosmetics
- ⌚ Sweets
- ⌚ Food and beverage
- ⌚ Paper production
- ⌚ Dairy products
- ⌚ Paint and lacquer
- ⌚ Chemicals
- ⌚ Soaps and oils
- ⌚ Pharmaceuticals
- ⚒️ Mining
- ⌚ Petrochemicals
- ⌚ Vessel and plant construction

Don't see your industry on the list?

- 👤 We will be happy to help.





Cut process costs while increasing output at the same time

# The VISCO JET® method

## The method

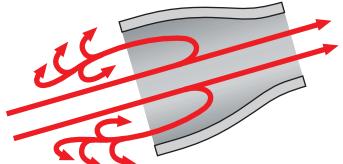
The VISCO JET® method proves beyond doubt that, for successful agitation, it's not the speed that's decisive, but the technique. Its particular strength lies in the special geometry of the conical mixing elements. With its cleverly designed spatial and angular relationships, the agitator ensures an optimum mixing process in a very short time, even at the lowest circumferential speeds. We've proven this technology in almost every industry. It is flexible, reduces costs and guarantees high-quality results.

## The benefits to you

- ↗ Product-friendly mixing with the VISCO JET® CLASSIC and VISCO JET® SPIRAL
- ↗ Effective breakup of agglomerates with the VISCO JET® CRACK
- ↗ The VISCO JET® CUE prevents sedimentation
- Short mixing times and low drive power requirements for maximum cost efficiency
- ⌚ No air intake — no frothing
- ⌚ Easy to clean
- ⌚ Flexible for all types of mixing
- ₩ Your special requirements are our standard!

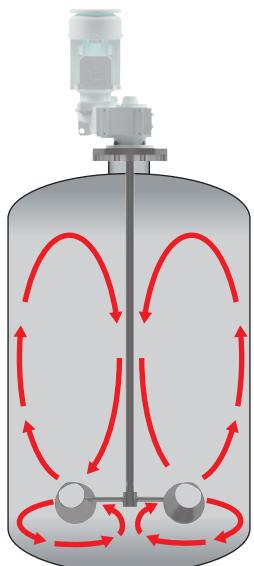
## Cause ...

Accelerated laminar flows at the cone exit and the reverse turbulence created by dynamic pressure at the cone entrance interact as the agitator rotates, generating high-momentum mixing movements.



## ... and effect

Extremely material-friendly and highly efficient agitator processes with very little energy expenditure are now possible. This applies particularly to tanks with very high volumes.

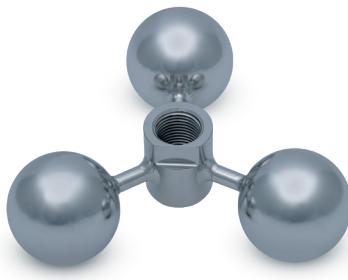


Technology that makes the difference

# Sustainable agitation

Our VISCO JET® impellers are used in various designs and sizes. They are either all-rounders or specialists, depending on the mixing application and the medium. They are the spearhead of sustainable agitation. But VISCO JET®

is so much more. We have optimised the entire value chain for sustainability. This benefits our customers day after day in three ways: constant quality, more output and lower energy usage.



## **VISCO JET® CUE**

For simple and energy-efficient mixing of sediments, even after the medium has stood or been stored for a long time. The mixing element can avoid extensive and costly agitation during storage to prevent sedimentation.



## **VISCO JET® STEP³**

This mixing element is the new energy-efficient standard for side mounted agitators. Thanks to the special geometry, a maximum conveying capacity is achieved even with very tall tanks.



## **VISCO JET® CRACK**

For efficient mixing with shear forces. In this process, agglomerates are dissolved and you can achieve homogeneous mixing without air intake.



## **VISCO JET® CLASSIC**

For aqueous and medium viscosity (approx. 40,000 mPas) applications such as dairy products, beverages, paints and varnishes, chemicals, pharmaceutical products.



## **VISCO JET® SPIRAL**

For homogenising highly viscous to pasty (> 40,000 mPas) applications such as wall plasters, glue, potting compounds, as well as for suspending solids in liquids.

**It will be our pleasure  
to demonstrate!**

We believe in the efficiency of our impellers. But nothing impresses more than a test! We can already promise you that you will be amazed!

 Make an appointment now!



We deliver complete solutions together with service and training

# Complete solutions

## Laboratory and pilot plant agitators

Our VISCO JET® laboratory and pilot plant agitators are small, powerful, and efficient. In laboratories, mixing tests are initially carried out on a small scale during the development phase. Our laboratory and pilot plant agitators are designed specifically for the application and offer the greatest possible flexibility for day-to-day work in the laboratory.



VJ150

- ⌚ Drive powers of 1.1-1.5 kW for an individual and sustainable solution of the mixing task, even with highly viscous media
- ↗ Can be combined with all VISCO JET® impellers for optimum mixing results
- ⌚ For small to medium-sized containers such as buckets with a diameter of up to 600 mm and a height of up to 900 mm
- ↑ The lift height can be adjusted quickly and easily via a handle on the column arm without undue effort
- 🛡 High degree of safety during agitator operation thanks to the integrated working position switch, as well as a strap solution or vessel clamping device to mechanically prevent the container from twisting or moving
- ⚙ Agitator shaft with convenient quick-change coupling

Range of other models



VJ100



VJ200



All models

## Column agitators

Our column agitators can safely mix various container sizes and geometries, different filling volumes and products with the greatest degree of flexibility.



VJ450

- ⌚ Various drive powers from 1.5-11 kW available for individual and sustainable agitator solutions.
- ↗ Can be combined with all VISCO JET® impellers for optimum mixing results, with long-lasting, consistent product quality
- ⚙ Agitator shaft with convenient quick-change coupling
- ↗ Wall, floor or mobile column version possible. Agitator can be flexibly converted and is therefore ready for use again immediately
- ⌚ A lift height of up to 1,600 mm allows maximum flexibility when mixing different container sizes, such as 1,000-l or 600-l IBCs, 200-l stainless steel or plastic drums, hobbocks, stainless steel or plastic tubs as well as customised vessels up to 1,600 mm tall
- ↑ Manual or electric lift height adjustment for maximum operating comfort
- ↗ High-quality stainless steel column for quick and easy cleaning without long downtimes during the production process
- 🛡 High level of safety during agitator operation thanks to the integrated working position switch, internal cable routing and vessel detection on the column base

Range of other models



VJ421



VJ405



All models

# Tank agitators

VISCO JET® tank agitators are designed for permanently installed storage or production tanks from 10 litres to 1.5 million litres and can be individually adapted to the customer's needs. During development and engineering, we focus on process optimisation, safety, sustainability and ease of maintenance in order to offer an efficient solution for the further development of products and processes in all industries.



VJ500

- ▀ Individual agitator solutions from a single source regardless of tank shape or volume
- ⌚ Sustainable and energy-efficient agitator solution thanks to a slow-running agitator system with low drive power
- Can be combined with all VISCO JET® impellers for optimum mixing results with long-lasting, consistent quality
- 🛡 Various sealing solutions for high product and occupational safety
- ⌚ Low wear of the agitator components due to low speeds
- ⌚ Easy cleaning of the agitator (also suitable for CIP solutions)
- ⌚ Simple assembly and commissioning — designed and manufactured for rapid use by the customer

Range of other models



VJ600



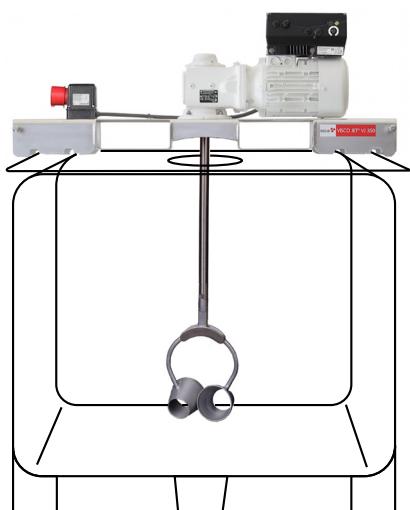
VJ620



All models

# Container and drum agitators

Our container and drum agitators can mix media with up to 30,000 mPas in IBC containers and standard 200-litre drums before further processing or process them efficiently and sustainably in the container itself.



VJ350

- ⌚ Drive power up to 3 kW for a customized and sustainable solution of the mixing task
- Special VISCO JET® Tornado or Mistral impeller for openings with DN 150 mm or bung hole
- ▀ For standard 600-l or 1,000-l IBC containers and standard 200-l drums
- With traverse system for mounting the agitator directly on the container

Range of other models



VJ370



All models



## Do you have a project?

- 👤 It will be our pleasure to help you with the planning.



# We look forward to your project!

## Headquarters

 VISCO JET Rührsysteme GmbH

Mittlere Greut 2  
79790 Küssaberg  
Germany

Phone +49 7741 912910

[info@viscojet.com](mailto:info@viscojet.com)  
[www.viscojet.com](http://www.viscojet.com)

## Branches

 VISCO JET Schweiz GmbH

Bahnhofstrasse 1  
CH-5322 Koblenz/AG  
Swiss

Phone +41 56 267 50 90

[info@viscojet.ch](mailto:info@viscojet.ch)  
[www.viscojet.ch](http://www.viscojet.ch)

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Your special requirements  
are our standard!

