

# Product Application Bulletin

## Alfa Laval Rotary Jet Mixer



**Date:** May 2024  
**From:** Joe Landry, Commercial Sales Manager – Mixing and Blending  
**Application:** Rotary Jet Mixer  
One piece of equipment used for both beverage mixing **AND** tank cleaning!

### Customer Demand Drives Innovation

Walk into any supermarket or convenience store and you'll see a variety of beverage options for customers to choose from. It's no longer just "regular" or "diet" soda appearing on the shelves. Consumers now have a seemingly endless selection of flavored sodas, waters, energy drinks and alcoholic beverages to choose from. This means that processors must be able to quickly produce and change between production runs to remain competitive. Alfa Laval has an innovative solution that drastically reduces blend and cleaning times as well as increases cleaning effectiveness – all with one piece of equipment!

### An optimal solution

Alfa Laval has been supplying mixing solutions like our agitators, magnetic mixer - LeviMag and Hybrid Powder Mixers (HPM) for more than twenty-five years.

At the same time, our tank cleaning equipment has been reducing cleaning costs and improving cleaning results for over thirty years.

Combining the two technologies has resulted in the revolutionary [Rotary Jet Mixer](#). This device is both a mixer that blends at incredibly high speeds and can be used to effectively clean the same vessel it was mixing in.

How fast can it blend? **We have installations where blend times with typical agitators or jet mixers have been reduced from 30 minutes to less than five minutes!** Customers have been amazed when taking product samples after just one minute of adding all ingredients and seeing complete mixing achieved. This fast blending allows customers to add additional product batches with each shift to increase capacity. When installed, the Rotary Jet Mixer can be started at low volumes as soon as the liquid level is above the unit. This can greatly reduce the overall mix time. Additionally, when our rotary jet mixers are used as tank cleaners, customers are thrilled with the fact that these clean faster and better than the more commonly used spray balls.

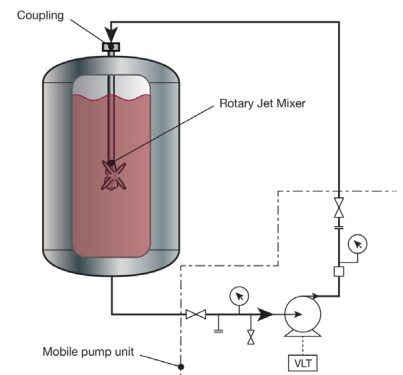
### Let us help optimize your process!

If you have a challenging application and in need of an innovative process solution, reach out to your local authorized Alfa Laval channel partner. Highly skilled and ready to support, our channel partners can assist with proper selection, engineering, and aftermarket service of our wide portfolio of fluid handling and heat transfer products.

Alfa Laval Rotary Jet Mixer



Rotary Jet Mixer Typical Installation



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