

# JET-shear

## High Shear Inline Mixer

Efficiently and consistently emulsify, dissolve and disperse ingredients within your process. The JET-shear has impellers at the top and bottom of the work head that draws in material while centrifugal force moves the media out creating a mechanical shear. Reduce processing time, increase quality and consistency of the blend, and increase throughput with the JET-shear.

Ampco's in-tank mixers are used to hydrate, homogenize, disperse and emulsify products covering a wide range of applications in food, personal care, chemical, and pharmaceutical industries. The multiple interchangeable stainless steel work heads are designed for 3A and CIP. The JET-shear can be used in open and closed tanks, drums or tote processing up to 5000 gallons/ 3785 liters.

### JET-SHEAR FEATURES

- Emulsion to less than 10 microns
- Max volumes up to 5000 gallons
- 316 stainless steel shaft
- 304 stainless steel bearing frame
- Multiple 316 stainless work head styles available
- Work heads can be interchanged
- Designed to 3A standards
- CIP-able
- Multiple mounting configurations
- Multiple shaft lengths
- Custom options available



JS125

JS150

JS200

JS300

## PRODUCT SPECIFICATIONS

Standard Bearing Frame Sizes	Max Shaft Length	Standard Shaft Diameter	Workhead Diameter
JS125	48"	1.25"	2.5"-4.0"
JS150	60"	1.50"	3.5"-4.0"
JS200	84"	2.00"	3.5"-4.5"
JS225	84"	2.25"	4.5"-6.0"
JS300	96"	3.00"	5.0"-8.0"
JS400	96"	4.00"	6.0"-10.0"

\* Custom options are available; contact Ampco Pumps for additional information



### MOUNTING OPTIONS

In-tank mixing applications demand a variety of mounting design options. No matter the size of your tank, drive type or unique processing application, we have custom stands and tank mounting options to offer maximum flexibility.

### WORK HEAD OPTIONS

Selecting the correct work head or work head combinations to fit your process is key. We have engineered a wide variety of interchangeable work heads and work head combinations to offer maximum flexibility and efficiency for:

- Mixing
- Dispensing
- Hydration
- De-agglomeration
- Particle Size Reduction
- Emulsification

