



# Feldmeier Full Sweep Agitator

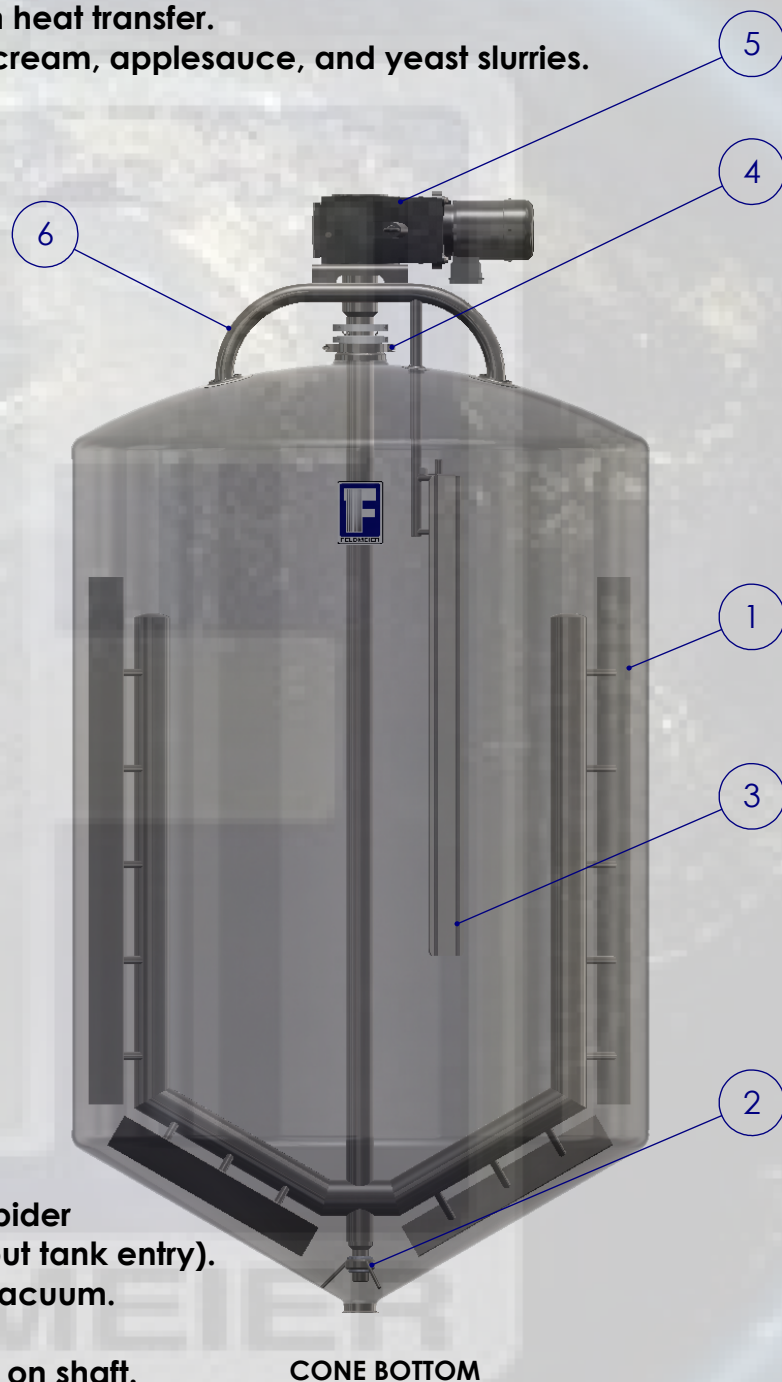
The Feldmeier Full Sweep agitator is a low shear, non-foaming agitator suitable for use with products with viscosities up to 100,000 cps. It is of sanitary design and has proven mixing and cleaning performance. The close clearance sweep blades ensure low level mixing performance, as well as the ability to mix varying batch sizes. The mixer is designed for high viscosity blending of liquids, keeping solids in suspension, maintain uniformity and aid in heat transfer. Typical products include buttermilk, sour cream, applesauce, and yeast slurries.

## Standard Features:

- 1) Close Clearance sweep blades to sweep complete heat transfer area for highest efficiency heat transfer.
- 2) Sanitary bottom steady bearing for long life of gearmotor.
- 3) Adjustable/Removable baffle allows for adjustment of flow pattern. (Up to 60" Long).
- 4) Split spring loaded seal to contain CIP solution (sanitary design).
- 5) Oversized gear reducer with stainless steel shaft, stainless steel-ite paint, and USDA approved lubricants. Severe washdown inverter duty motor.
- 6) Rugged motor rails and support.

## Optional Features and Accessories:

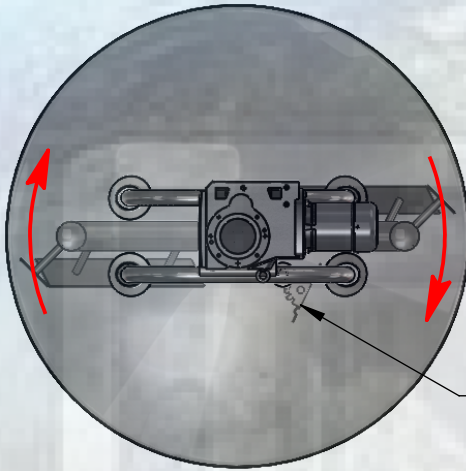
- Removable bottom steady bearing spider (Permits bearing replacement without tank entry).
- Numerous seal options for pressure/vacuum.
- Shaft Guard.
- Additional pumping turbine impellers on shaft.
- Stainless Steel motors and gear reducers.
- Control packages including speed sensors and indicators, motor starters and VFD's.
- CFD simulation of mixer performance.





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DIAMETER (IN)	PRODUCT VISCOSITY							
	UP TO 10,000 CPS				UP TO 100,000 CPS			
	HP	RPM	'A'	'B'	HP	RPM	'A'	'B'
0 - 35"	2.0	21	19"	3.13"	2.0	21	19"	3.13"
36" - 47"	2.0	21	19"	3.13"	3.0	15	21.25"	3.88"
48" - 59"	3.0	15	21.25"	3.88"	5.0	12	25.75"	5.88"
60" - 65"	3.0	15	21.25"	3.88"	7.5	11	28.5"	7.06"
66" - 71"	5.0	12	25.75"	5.88"	7.5	11	28.5"	7.06"
72" - 77"	7.5	11	28.5"	7.06"	10.0	11	28.5"	7.06"
78" - 83"	7.5	11	28.5"	7.06"	15.0	12	33.5"	8.88"
84" - 95"	10.0	11	28.5"	7.06"	-	-	-	-
96" - 120"	15.0	12	33.5"	8.88"	-	-	-	-

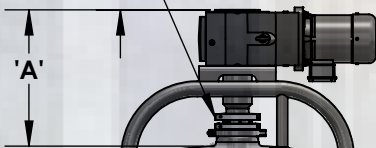


BAFFLE  
SEE DETAIL

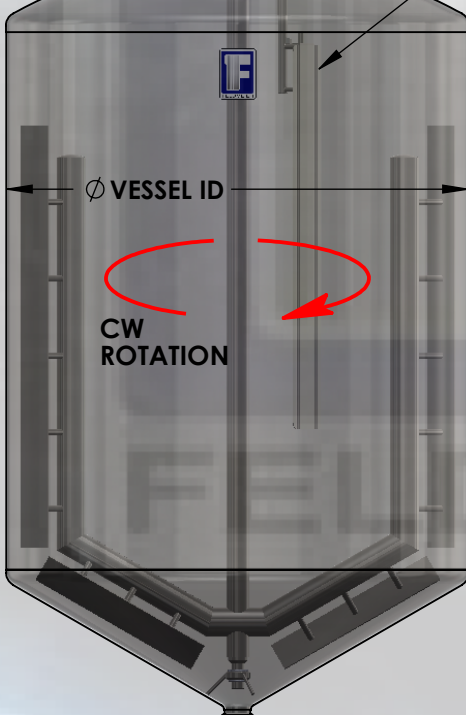
LIFT AND ROTATE BAFFLE  
TO CONTROL THE DEGREE  
OF VORTEXING

SPLIT CIP  
CONTAINMENT  
SEAL

'B' GEARMOTOR REMOVAL HEIGHT

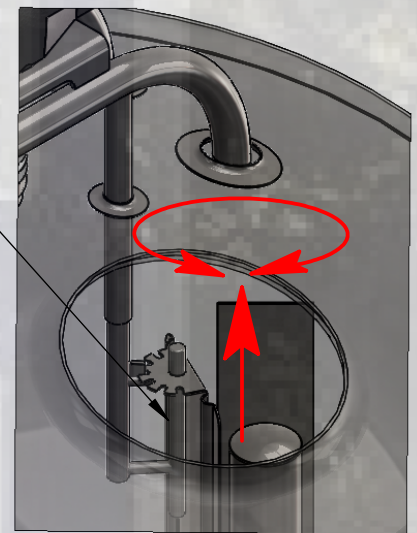


REMOVABLE ADJ BAFFLE  
(UP TO 60" LG)



CW  
ROTATION

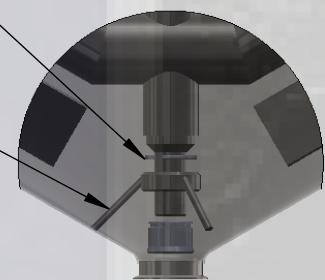
CONE BOTTOM



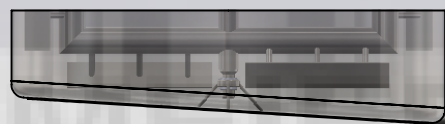
REMOVABLE/ADJ BAFFLE DETAIL

'C'-CLIP RETAINER

WELDED SPIDER  
(REMOVABLE STYLES  
AVAILABLE)



STEADY BEARING DETAIL



FLAT BOTTOM



DISHED BOTTOM