



# Feldmeier Scraper Agitator

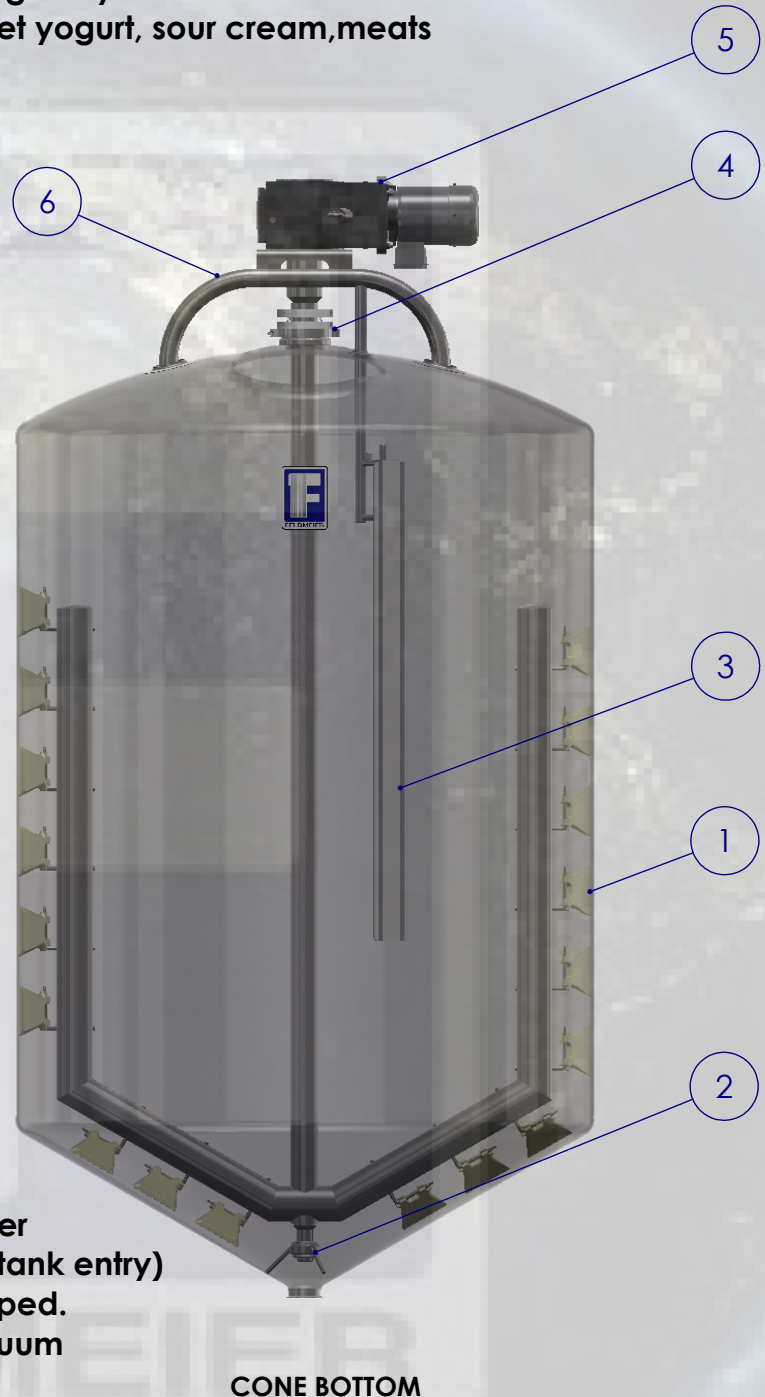
The Feldmeier Scraper agitator is a low shear, scraped surface agitator designed to scrape the sidewall with plastic blades, giving a gentle blending and folding action for viscous products (up to 100,000 cps) and products with delicate solids. The scraper blades prevent the product from burning or freezing on the sidewall, and greatly enhances heat transfer on jacketed vessels. Typical products include: set yogurt, sour cream, meats and meat sauces, and condiments.

## Standard Features:

- 1) Molded nylon scraper blades designed for CIP cleaning. The blades are attached without clips or other hardware that has the potential to fall into the product. Several materials available including metal detectable plastic.
- 2) Sanitary bottom steady bearing for long life of the 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-ii paint, and USDA approved lubricants. Severe washdown inverter duty motor.
- 6) Rugged motor rails and support.

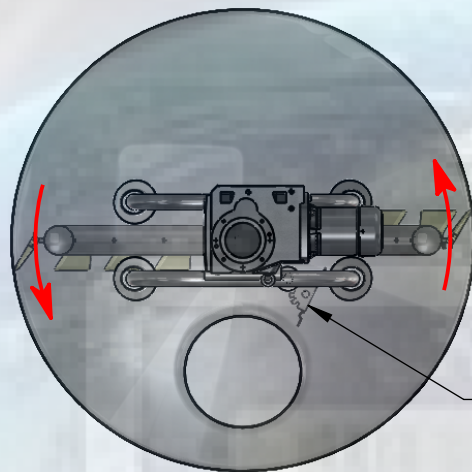
## Optional Features and Accessories:

- Removable bottom steady bearing spider (Permits bearing replacement without tank entry)
- Conical or Dished bottoms may be scraped.
- Numerous seal options for pressure/vacuum
- Shaft Guard
- Additional pumping turbine impellers on shaft
- Pitched flights added to frame for top to bottom motion of viscous products.
- Stainless Steel motors and gear reducers
- Control packages including speed sensors and indicators, motor starters and VFD's.
- CFD simulation of mixer performance





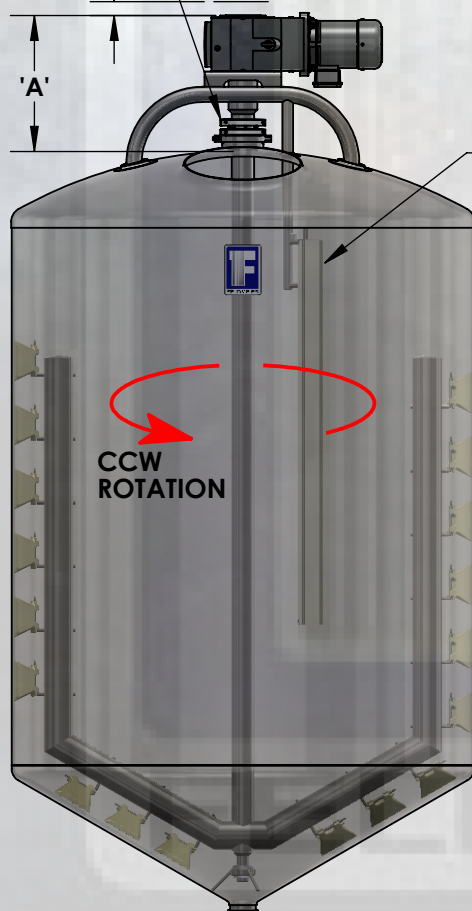
# Feldmeier Scraper Agitator



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"	-	-	-	-

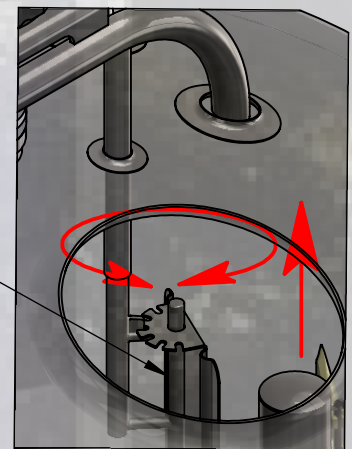
SPLIT CIP  
CONTAINMENT  
SEAL

'B' GEARMOTOR REMOVAL HEIGHT



CONE BOTTOM

LIFT AND ROTATE BAFFLE  
TO CONTROL THE DEGREE  
OF VORTEXING



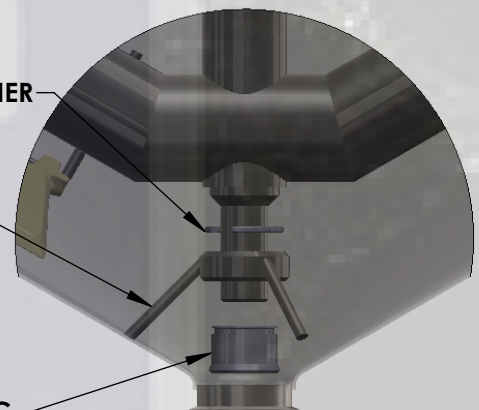
REMOVABLE/ADJ BAFFLE DETAIL

'C'-CLIP RETAINER

WELDED SPIDER  
(REMOVABLE STYLES  
AVAILABLE)

PLASTIC BEARING

STEADY BEARING DETAIL



FULLY WELDED ROD  
ATTACHMENT, NO  
PINS OR CLIPS

CIP SOLUTION

REVERSE TAPER  
ASSISTS IN CLEANING  
BACK SIDE OF BLADE

MOLDED NYLON  
SCAPER BLADE,  
OTHER MATERIALS  
AVAILABLE

SCRAPER BLADE DETAIL

