

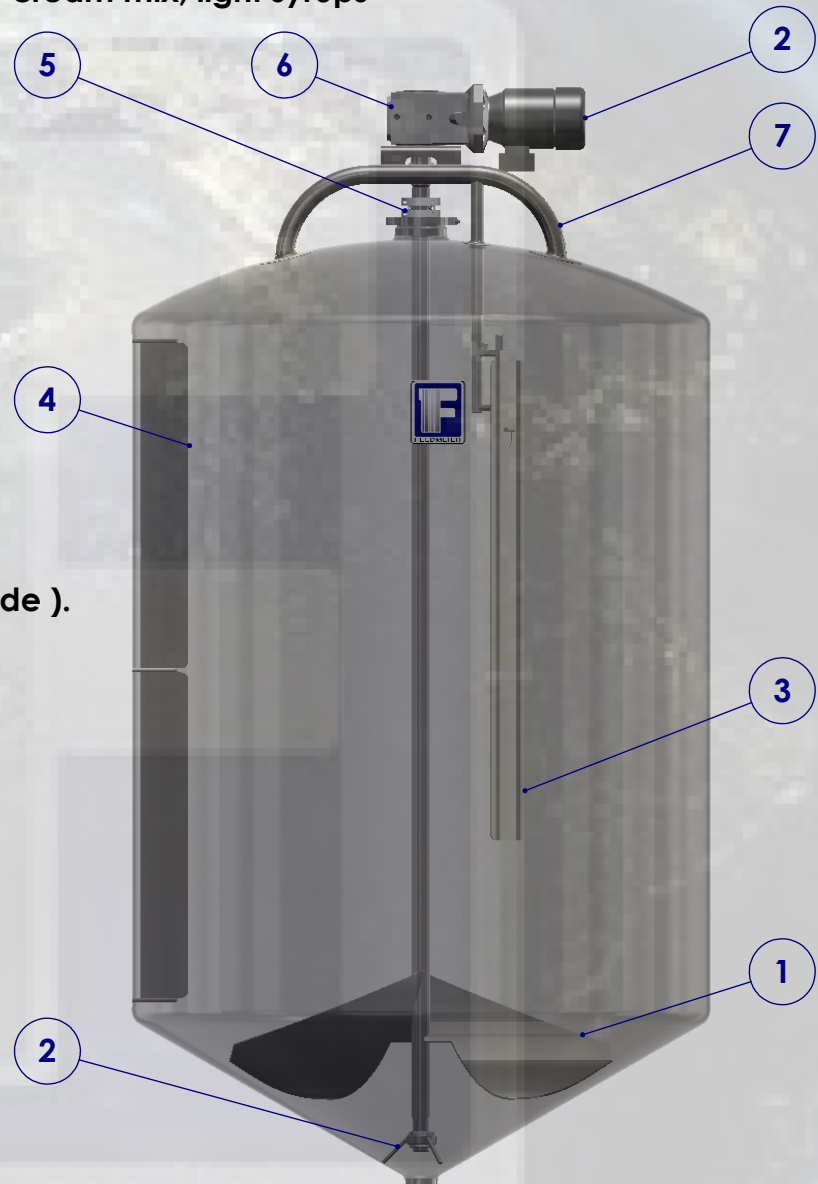


# Feldmeier Bottom Sweep Agitator

The Feldmeier Bottom Sweep agitator is a low shear, non-foaming agitator suitable for use with products with viscosities up to 1,500 cps. It is of sanitary design and has proven mixing and cleaning performance. The impeller located as close to the bottom as possible ensures low level mixing performance, as well as the ability to mix varying batch sizes. The mixer is designed for low viscosity blending of liquids, keeping solids in suspension, maintain uniformity and aid in heat transfer. Typical products include milk, cream, ice cream mix, light syrups and fruit juices.

## Standard Features:

- 1) Low level Bottom Sweep impeller.  
Low speed, non-foaming.
- 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) Single fixed sidewall baffle (required for greater than 84" straight side ).
- 5) Split spring loaded seal to contain CIP solution (sanitary design).
- 6) Oversized gear reducer with stainless steel shaft, stainless steel- it paint, and USDA approved lubricants. Severe washdown, inverter duty motor.
- 7) Rugged motor rails and support.



CONE BOTTOM

## Optional Features and Accessories:

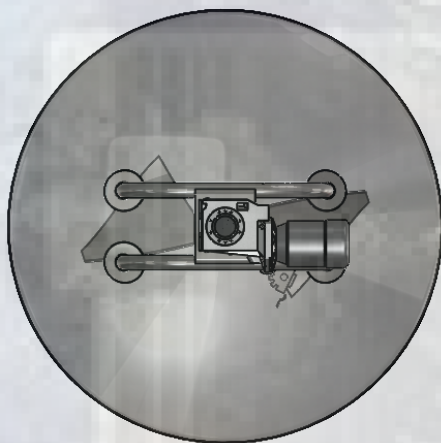
- Removable bottom steady bearing spider (Permits bearing replacement without tank entry)
- Numerous seal options for pressure/vacuum
- Shaft Guard
- Additional pumping turbine impellers on shaft.
- Stainless Steel motors and gear reducers
- Control packages including speed sensors and indicators, motor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



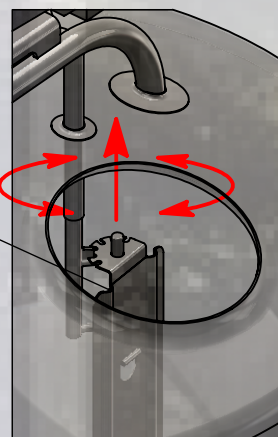
# Feldmeier Bottom Sweep Agitator

SIZE (GAL)	DEGREE OF AGITATION													
	GENTLE-LOW FOAMING							MODERATE						
	HP	RPM	QTY	DIA	TPM	'A'	'B'	HP	RPM	QTY	DIA	TPM	'A'	'B'
0 -200	1.5	21	1	24"	2.40	19"	3.13"	1.5	42	1	24"	4.78	19"	3.13"
200-500	1.5	42	1	24"	1.93	19"	3.13"	1.5	42	1	30"	4.27	19"	3.13"
500-1,000	2.0	25	1	30"	1.27	19"	3.13"	2.0	41	1	36"	4.42	20"	3.13"
1,000-1,500	2.0	41	1	30"	1.39	19"	3.13"	2.0	41	1	36"	2.95	20"	3.13"
1,500-2,000	2.0	25	1	36"	1.35	20"	3.13"	3.0	29	1	48"	3.47	19"	3.13"
2,000-3,000	3.0	29	1	36"	1.04	19"	3.13"	3.0	47	1	48"	3.76	20"	3.13"
3,000-4,000	3.0	47	1	36"	1.27	20"	3.13"	5.0	43	1	60"	3.75	21.25"	3.88"
4,000-5,000	5.0	27	1	48"	1.30	21.25"	3.88"	5.0	43	1	60"	3.00	21.25"	3.88"
5,000-7,500	5.0	43	1	48"	1.38	21.25"	3.88"	5.0	43	2	72"	4.02	21.25"	3.88"
7,500-10,000	7.5	25	1	72"	1.67	23.5"	5.19"	7.5	43	2	72"	3.01	21.25"	3.88"
10,000-12,000	7.5	25	2	84"	1.99	23.5"	5.19"	10.0	43	2	84"	3.56	23.5"	5.19"

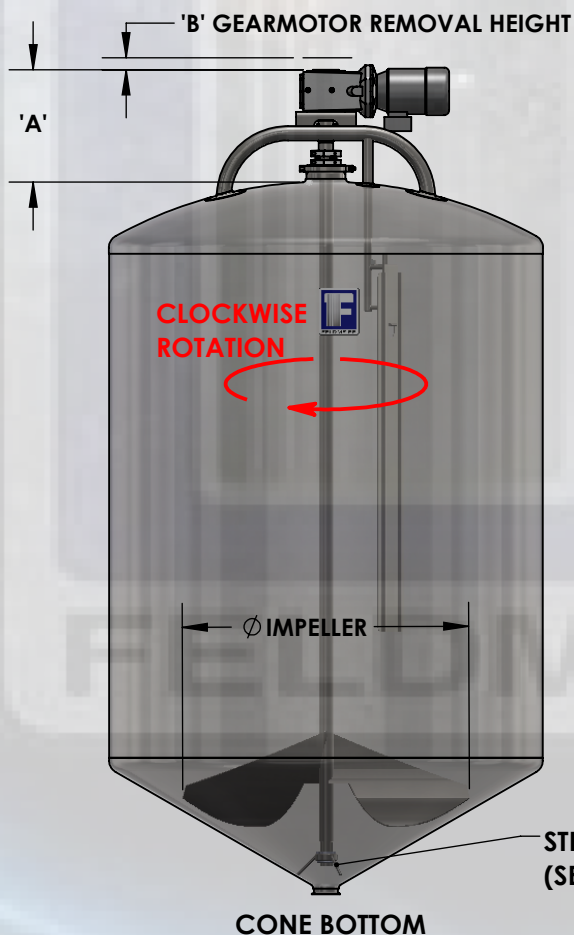
TPM = TANK  
TURNS  
PER MINUTE



LIFT AND ROTATE BAFFLE  
TO CONTROL THE DEGREE  
OF VORTEXING



REMOVABLE/ADJ BAFFLE DETAIL

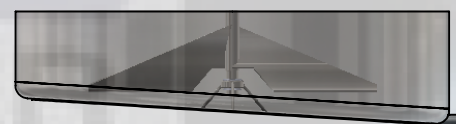


'C'-CLIP RETAINER

WELDED SPIDER  
(REMOVABLE STYLES  
AVAILABLE)

PLASTIC STEADY BEARING

STEADY BEARING DETAIL



FLAT BOTTOM



DISHED BOTTOM

STEADY BEARING  
(SEE DETAIL)

CONE BOTTOM