



# SB Side Entry Mixer

**A horizontal shaft swivel, coupled with advanced seal technology, provides uniform blending and easy maintenance.**

Our new SB™ side entry mixer provides efficient, uniform blending throughout the tank while keeping solids suspended. Complete with a metal-to-metal shut off with seal verification technology, quick seal change and a horizontal swivel, this agitator is the full-range solution bringing reduced costs, increased reliability, and high performance to your operations.

## Features and benefits

**Easy seal change** - Quick seal change provides hassle-free maintenance without removing the agitator or the drive end from the mounting location.

**Tank shut-off** - Our metal-to-metal shut off allows you to achieve clean seal maintenance without draining the tank. Robust seal verification technology is also included to signify a complete shut-off, giving you peace of mind, lower costs and reduced downtime.

**Swivel** - Providing more robust blending and solids suspension, it can be rotated at maximum 30° in both left and right directions.

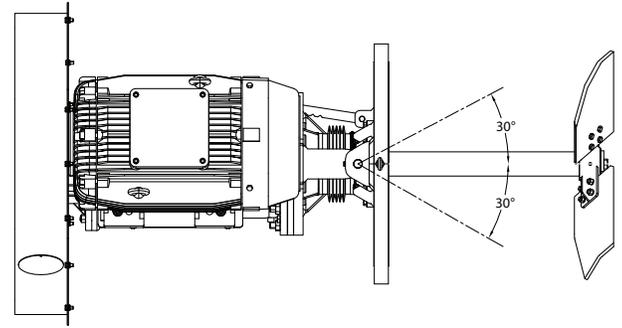
**Work smarter, not harder, with an optional equipment upgrade.**

**GoConnect™ real-time condition monitoring application**  
Reduce maintenance costs, extend the life of your assets, and avoid unplanned downtime through monitoring vibration, bearing temperature, and motor current.

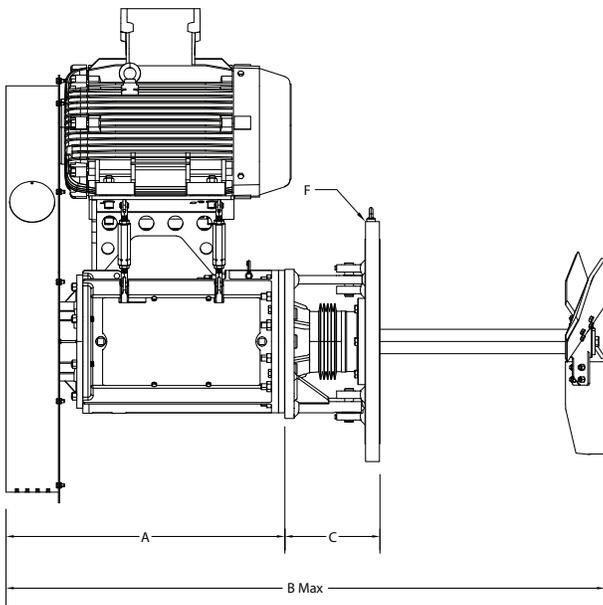
# SB Side Entry Mixer

## Specifications

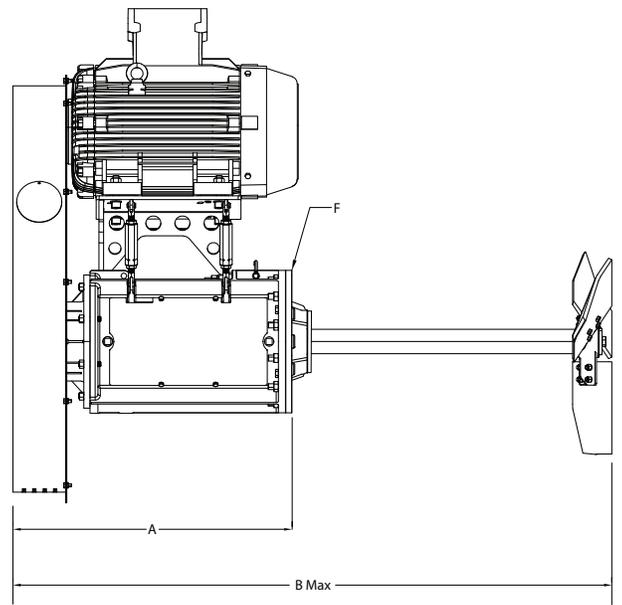
<b>Shaft size</b>	2 in. (50.8 mm), 2.5 in. (63.5 mm), and 3 in. (76.2 mm)
<b>Power range</b>	10-75 HP (7.5 - 55 kw)
<b>Wetted parts</b>	316SS shaft and impeller or built to customer specification
<b>Motor</b>	Foot mounted at 50 or 60 Hz
<b>Operating speed</b>	435 rpm
<b>Mounting</b>	Flange mounting for side wall
<b>Agitator support</b>	Existing tank mounting nozzle flange, tie rod or floor support



Single plane swivel - Top view



Single plane swivel



Fixed

## Dimensions

Model	A		B <sub>MAX</sub> <sup>1</sup>		C		Flange size and orientation (150# ANSI, Holes straddle centerline)	
	in.	m	in.	m	in.	m	Swivel <sup>2,3</sup>	Fixed <sup>3</sup>
3SB	29.7	0.76	62.1	1.58	-	-	-	10 in. (0.25 m)
4SB	37.2	0.94	83.8	2.13	14.9 - 17.3	0.038 - 0.044	30 in. (0.76 m)	12 in. (0.3 m)
5SB	37.2	0.94	93.3	2.37	14.9 - 17.3	0.038 - 0.044	30 in. (0.76 m)	12 in. (0.3 m)

1 - Shaft length and impeller size increase with motor size

2 - Available in both Series A and Series B flange styles

3 - Additional flange sizes and styles available