

Nettco S-Series Mixer Sanitary Stainless Steel Portable and Fixed Mount Mixers



Introducing A New Economical Portable and Fixed Mount Mixer System Configured To Meet Your Sanitary Needs.

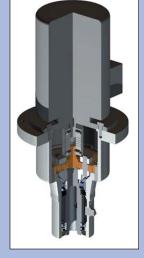
Meets 3A Standards for the Food Industry

The Nettco S-Series sanitary mixer is available in a wide range of mixing and mounting configurations utilizing a unique modular assembly design. With one mixer it is possible to configure a clamp-on, open tank or sealed mixer design. This mixer can be quickly converted from one mounting arrangement to another. Modifying the mounting configuration can be accomplished in less than two minutes.

- -Highest quality at a competitive price
- -For new or existing tank sizes: 0.1 20 m³ (25 5,000 gal.)
- -Designed for Dairy, Beverage, Oils, Prepared Foods and more
- -Wide range of impellers and mounting options

Unique Modular Concept Features:

- Sanitary, all stainless steel design
 - -304 SS housing
 - -Washdown (IP55), inverter ready motor
 - -Proven planetary gearing robust and reliable
 - -Food grade lubricant
 - -Unique, innovative modular design
 - -Reverse-taper shaft attachment for added safety -Stainless Steel Motor, 0.37 - 2.2 Kw (1/2 - 3 HP) -Fully standardized product
- Direct and gear options for this global use mixer provides full range of shaft speeds (RPM)
 -1450, 290, and 240 (50 Hz)
 -1750, 350, and 280 (60 Hz)
- Shaft lengths up to 2100 mm (84")
- Simple, compact, 3A clean design available
- Economical
- Impellers from world's mixing technology leader -Multiple style impellers available
 - Hydrofoil, PBT and FP 100 (Marine Prop)



Gear Drive Section View

Direct Drive Section View



Typical Product Applications



Dairy



Prepared Foods



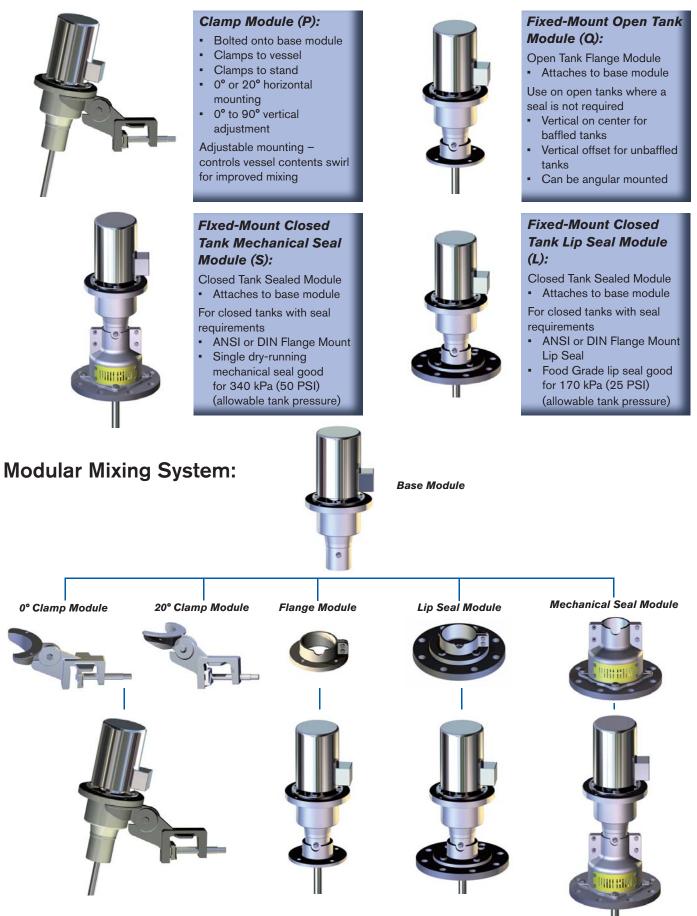




Pharma

Personal Care

Modular Design Features:



Clamp Mount

Fixed Mount - Open

Fixed Mount - Lip Seal

Fixed Mount -Mechanical Seal

Sanitary Mixer "Blend Time Selection Table" 60 HZ Selections

		VISCOSITY/cP or mPa-s						
		1	100	250	500	1000	2500	5000
	<25	MS1_1 (1) 1 3.6 FP	MS1_1 (1) 1 3.6 FP	MS1_1 (1) 1 3.6 FP	MS1_1 (1) 1 3.6 FP	MS1_1 (1) 1 3.3 FP	MS6_1 (2) 1 8.9 FP	MS6_1 (3) 1 7.7 FP
	<50	MS1_1 (1) 1 3.6 FP	MS1_1 (1) 1 3.6 FP	MS1_1 (2) 1 3.6 FP	MS1_1 (2) 1 3.6 FP	MS5_1 (1) 1 10.0 H	MS6_1 (3) 1 8.9 FP	MS6_1 (3) 1 10.0 FP
	<100	MS1_1 (2) 1 3.6 FP	MS1_1 (2) 1 3.6 FP	MS1_1 (2) 1 3.8 FP	MS5_1 (1) 1 11.2 H	MS5_1 (2) 1 10.0 H	MS6_1 (3) 1 10.0 FP	MS6_2 (5) 2 10.0 FP
TANK VOLUME/GALLONS	<200	MS1_1 (3) 1 3.6 FP	MS1_1 (3) 1 3.6 FP	MS5_1 (1) 1 11.2 H	MS5_1 (2) 1 11.2 H	MS6_1 (3) 2 11.2 H	MS6_2 (6) 2 10.5 FP	MS6_3 (9) 2 10.5 FP
	<500	MS1_1 (6) 1 3.8 FP	MS5_1 (3) 1 11.2 H	MS5_1 (4) 1 11.2 H	MS5_1 (5) 1 11.8 H	MS6_1 (6) 2 12.8 H	MS6_3 (12) 2 13.6 H	MS6_4 (11) 2 11.4 FP
	<1000	MS5_1 (4) 1 11.2 H	MS5_1 (7) 1 11.2 H	MS5_1 (6) 1 11.8 H	MS5_1 (7) 1 12.8 H	MS6_2 (10) 1 13.6 H	MS6_3 (21) 2 13.6 H	MS6_5 (15) 2 13.1 FP
	<2000	MS5_1 (7) 1 11.2 H	MS5_1 (14) 1 11.2 H	MS6_1 (12) 2 12.8 H	MS6_2 (17) 2 13.6 H	MS6_3 (22) 2 14.5 H	MS6_4 (33) 2 15.1 H	
	<3000	MS6_1 (11) 2 11.8 H	MS6_1 (16) 2 12.8 H	MS6_2 (18) 2 13.6 H	MS6_3 (20) 2 14.5 H	MS6_4 (27) 2 15.1 H	MS6_5 (42) 2 15.6 H	
	<5000	MS6_1 (14) 2 12.8 H	MS6_2 (23) 2 13.6 H	MS6_3 (24) 2 14.5 H	MS6_4 (27) 2 15.1 H	MS6_4 (38) 2 15.1 H		

Legend:

Series	Drive Ratio	Mounting	Motor Code	HP/kW		
Nettco <mark>MS</mark>	1	Р	1	(0.5/0.37)		
	5	Q	2	(0.75/0.55)		
	6	L	3	(1/0.75)		
		S*	4	(1.5/1.1)		
			5	(2/1.5)		
			6	(3/2.2)		

Chart Reference:

Мос	Model Design				
Ble	Blend Time				
No. Impeller	lmp. Dia.	lmp. Type			

FP = FP-100, H = Hydrofoil

Tank height to diameter ratio 0.8 - 1.2 Liquids with Newtonian viscosity characteristics S.G. difference of liquids <0.1

Use for mild blending applications

Maximum density 1.10 g/cm³

Maximum viscosity ratio - 10:1 (>250cP)

Mixer in operation during filling and emptying

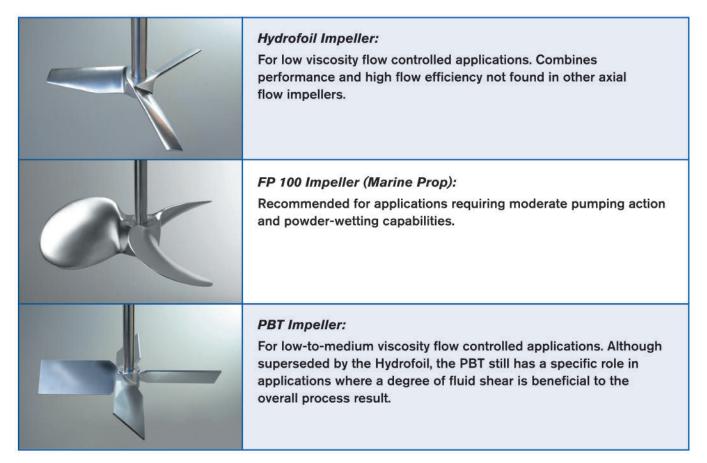
Example: MS1Q2

*Direct Drive not available with seal.

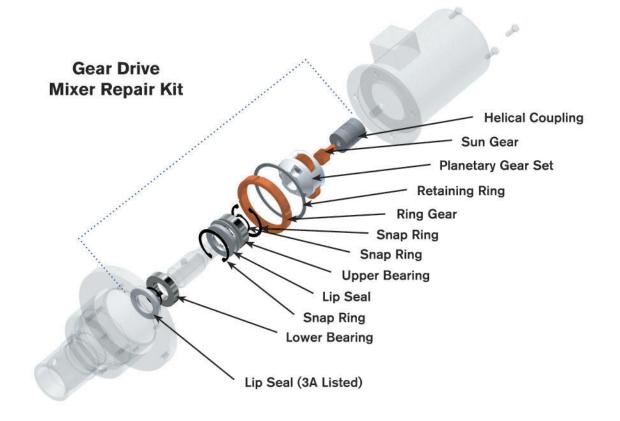
Sanitary Mixer "Blend Time Selection Table" 50 HZ

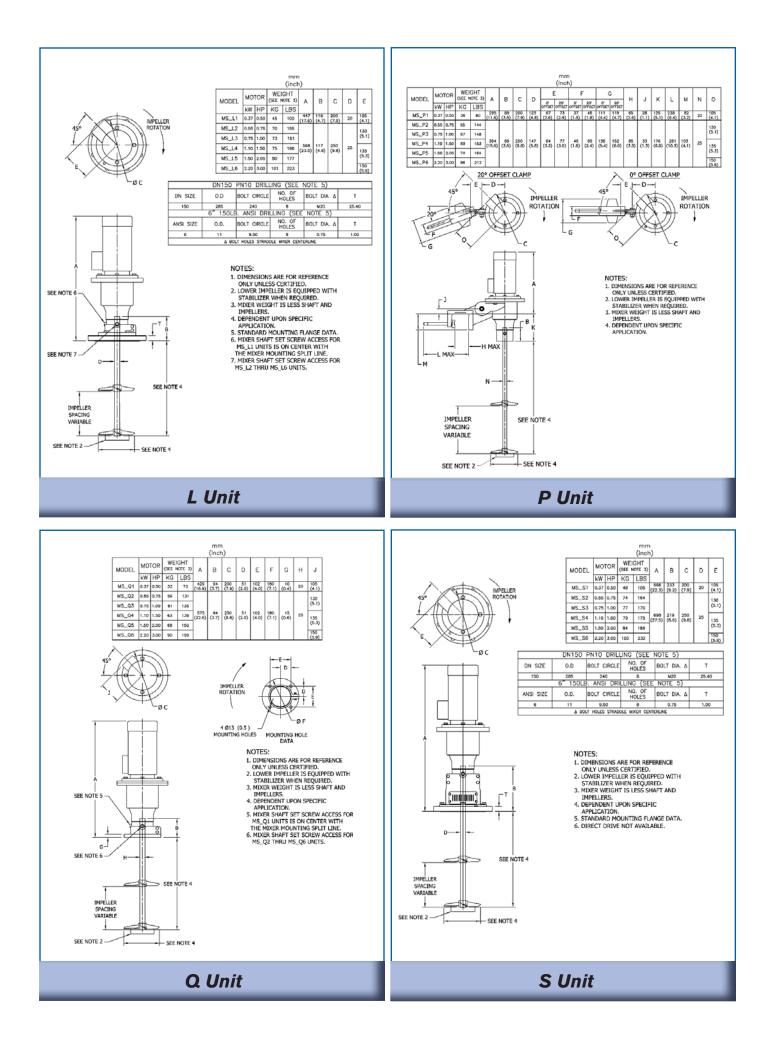
		VISCOSITY/cP or mPa-s						
		1	100	250	500	1000	2500	5000
	<100	MS1_1 (1) 1 104 FP	MS1_1 (1) 1 104 FP	MS1_1 (1) 1 104 FP	MS1_1 (1) 1 104 FP	MS1_1 (1) 1 97 FP	MS5_1 (2) 1 254 FP	MS5_1 (2) 1 226 FP
	<250	MS1_1 (1) 1 104 FP	MS1_1 (1) 1 104 FP	MS1_1 (2) 1 104 FP	MS1_1 (2) 1 104 FP	MS5_1 (1) 1 325 H	MS5_1 (3) 1 254 FP	MS5_1 (3) 1 239 FP
	<500	MS1_1 (2) 1 104 FP	MS1_1 (2) 1 104 FP	MS5_1 (1) 1 325 H	MS5_1 (1) 1 325 H	MS5_1 (3) 2 285 H	MS5_2 (4) 2 239 FP	MS5_2 (5) 2 226 FP
	<1000	MS1_1 (4) 1 104 FP	MS5_1 (2) 1 325 H	MS5_1 (2) 1 325 H	MS5_1 (2) 1 325 H	MS5_1 (5) 2 285 H	MS5_3 (7) 2 325 H	MS5_3 (7) 2 239 FP
	<1500	MS1_1 (5) 1 104 FP	MS5_1 (3) 1 325 H	MS5_1 (3) 1 325 H	MS5_1 (3) 1 325 H	MS5_1 (7) 2 285 H	MS5_3 (10) 2 325 H	MS5_3 (9) 2 239 FP
S	<2000	MS1_1 (7) 1 104 FP	MS5_1 (3) 1 325 H	MS5_1 (4) 1 325 H	MS5_1 (5) 1 325 H	MS5_1 (8) 2 285 H	MS5_3 (12) 2 325 H	MS5_4 (11) 2 267 FP
TANK VOLUME/LITRES	<2500	MS5_1 (3) 1 325 H	MS5_1 (5) 1 325 H	MS5_1 (5) 1 325 H	MS5_1 (5) 1 325 H	MS5_2 (7) 1 368 H	MS5_3 (16) 2 325 H	MS5_5 (11) 2 290 FP
	<3750	MS5_1 (4) 1 325 H	MS5_1 (7) 1 325 H	MS5_1 (6) 1 325 H	MS5_1 (7) 1 325 H	MS5_2 (10) 1 368 H	MS5_3 (21) 2 325 H	MS5_5 (15) 2 290 FP
	<5000	MS5_1 (5) 1 325 H	MS5_1 (9) 1 325 H	MS5_1 (9) 2 300 H	MS5_2 (13) 2 325 H	MS5_3 (14) 2 345 H	MS5_4 (26) 2 345 H	
	<7500	MS5_1 (6) 1 325 H	MS5_1 (14) 1 325 H	MS5_1 (13) 2 300 H	MS5_2 (17) 2 325 H	MS5_3 (23) 2 345 H	MS5_4 (37) 2 345 H	
	<10000	MS5_1 (8) 1 325 H	MS5_1 (17) 2 300 H	MS5_2 (14) 2 325 H	MS5_3 (18) 2 25 H	MS5_4 (24) 2 368 H	MS5_5 (37) 2 384 H	
	<12500	MS5_1 (11) 2 300 H	MS5_2 (17) 2 325 H	MS5_3 (18) 2 325 H	MS5_4 (20) 2 384 H	MS5_4 (28) 2 368 H		
	<15000	MS5_1 (12) 2 300 H	MS5_2 (21) 2 325 H	MS5_3 (20) 2 325 H	MS5_4 (22) 2 384 H	MS5_4 (32) 2 368 H		
	<20000	MS5_1 (16) 2 300 H	MS5_2 (27) 2 325 H	MS5_3 (23) 2 325 H				

Multiple Impeller Styles:



Service kits available for rapid replacement of routine service items:





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LIGHTNIN Operation **Rochester, New York**





Your local contact:





PROCESS EQUIPMENT

SPX

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