

Detailed Vertical Mixer Specifications (Stationary)

		400 Series II		600 Series	800 Series II		1200 Series			1800 Series			2400 Series II			
	U/M	140	200	185	270 Low Profile	350	420	500	615	265	510	750	810	950	1100	
CAPACITY																
Mixing	ft ³ (m ³)	140 (3.9)	200 (5.7)	185 (5.2)	270 (7.6)	350 (9.9)	420 (11.8)	500 (14.2)	615 (17.4)	265 (7.5)	510 (14.4)	750 (21.2)	810 (22.9)	950 (26.9)	1,100 (31.1)	
w/Optional Extension	ft ³ (m ³)	180 (5.0)	240 (6.8)	235 (6.6)	335 (9.5)	425 (12)	490 (13.9)	575 (16.3)	690 (19.5)	Up to 330 (9.3)	Up to 620 (17.5)	Up to 910 (25.8)	950 (26.9)	1,100 (31.1)	1,270 (36)	
UNIT																
Empty Wt.	lb (kg)	4,184 (1898)	4,575 (2075)	5,517 (2503)	5,995 (2719)	6,446 (2924)	7,400 (3357)	7,750 (3515)	8,350 (3787)	6,415 (2937)	11,970 (5430)	17,400 (7893)	15,975 (7246)	16,925 (7677)	17,975 (8153)	
Max. Load @ 25#/cu.ft.	lb (kg)	3,500 (1588)	5,000 (2268)	4,625 (2102)	6,750 (3062)	8,750 (3969)	10,500 (4763)	12,500 (5670)	15,375 (6974)	6,625 (3005)	12,750 (5783)	18,750 (8504)	22,500 (10206)	25,000 (11340)	27,500 (12474)	
Max. Gross Wt.	lb (kg)	7,684 (3486)	9,575 (4343)	10,142 (4600)	12,745 (5781)	15,196 (6893)	17,900 (8120)	20,250 (9185)	23,725 (10761)	13,100 (59942)	24,720 (11213)	36,150 (16397)	38,475 (17452)	41,925 (19016)	45,475 (20627)	
No. of Screws (See Options below)		1									2	3	2			
Overall Length	in (m)	118 ½ (3.0)	118 ½ (3.0)	120 (3.0)	132 ½ (3.4)	146 ⅝ (3.7)	152 ¾ (3.9)	159 ½ (4.1)	168 ½ (4.3)	132 ¼ (3.3)	218 ¾ (5.5)	305 ¾ (7.7)	261 ¼ (6.6)	268 ¼ (6.8)	277 ¾ (7.1)	
Overall Height	in (m)	86 ⅞ (2.2)	100 ⅞ (2.5)	86 ⅞ (2.2)	91 ½ (2.3)	97 ½ (2.5)	93 (2.4)	102 ½ (2.6)	114 ¾ (2.9)	95 ¾ (2.4)	97 ¼ (2.5)	97 ¼ (2.5)	97 ¾ (2.5)	106 ½ (2.7)	120 (3)	
Overall Width	in (m)	79 ½ (2)	79 ½ (2)	84 ⅞ (2.1)	103 ⅝ (2.6)	103 (2.6)	109 (2.8) + 9 ½ (0.24) per side with discharge(s)									
Overall Height w/Side Ext.	in (m)	95 ⅞ (2.4)	109 ⅞ (2.8)	98 (2.5)	103 ½ (2.6)	109 ½ (2.8)	103 ⅞ (2.6)	111 ½ (2.8)	123 ¾ (3.1)	107 ¾ (2.7)	109 ¼ (2.8)	109 ¼ (2.8)	108 ¼ (2.7)	117 (3)	130 ½ (3.3)	
Screw Flighting Thickness	in (mm)	½ (13)						⅝ (16)								
Floor Thickness	in (mm)	½ (13)						⅝ (16)						¾ (19)		
Sidewall Thickness	in (mm)	¼ (6)						¼ (6)								
Hour Meter		Standard														
Drive Package		Choice of PTO or Electric (Direct, VFD, or 2-Speed)							Direct Electric Drive			PTO or Direct Electric				
Scale System		3-Point						4-Point								
Operating Speed		540 or 1000						1000 RPM								
DOOR OPENINGS																
Front/Rear Commodity																
Height	in (mm)	N/A	N/A	N/A	26 (660)	30 (762)	26 (660)			26 (660)			26 (660)	30 (762)		
Width	in (mm)	N/A	N/A	N/A	34 (864)						42 (1,067)					
Side																
Height	in (mm)	31 (787)	31 (787)	31 (787)	39 (991)			39 (991)								
Width	in (mm)	24 (610)	24 (610)	24 (610)	34 (864)			34 (864)								
Discharge		Various discharge packages available. See Dealer for details.														
OPTIONS																
Vertical Mixer Screw		Tru Taper™ Dual Kicker - Cone Top - 1 per unit					Vortex® Choose One Type of Screw for your Mixing Needs Single or Dual Kicker - Multi-Angle or Cone Top			Tru Taper™ Choose One Type of Screw for your Mixing Needs Single or Dual Kicker - Multi-Angle or Cone Top - 2 per unit			Vortex® Choose One Type of Screw for your Mixing Needs Single or Dual Kicker - Multi-Angle or Cone Top			
Maximum No. of Knives+		4	5	4 (34"H), 5 (44"H)	5	7	9	9	5 per screw (34"H)+ 7 per screw (44"H)+			5 per screw/10 total	7 per screw/14 total	11 per screw/22 total		
Side Extensions		Steel/Rubber														
Hay Retainer Option(s)		N/A						Chain			N/A			Chain		
Discharge Chute w/ or w/out Magnet		Optional														
Discharge Conveyor(s)		Various Options Available														
Tub Mounted Magnet**		Optional														
Indicator Extension Arm		Optional														
Wide Selection of Indicators		Digi-Star®, dinamica generale®, & Weigh-Tronix®														
Motor Control VFD		Optional														
Ladder		Optional														

*Minimum PTO horsepower requirement is for continuous run. Starting the mixer under load will require higher PTO horsepower. **Patented +Quantity varies with material in the ration and processing time.

