

Detailed Vertical Mixer Specifications (Trailer)

	U/M	800 Series II		1000 Series	1200 Series			1600 Series	1600 Series II
		270 Low Profile	350	420	420 / 420XH	500 / 500XH	615 / 615XH	620	620
CAPACITY									
Mixing	ft ³ (m ³)	270 (7.6)	350 (9.9)	420 (11.8)	420 (11.8)	500 (14.2)	615 (17.4)	620 (17.6)	620 (17.6)
w/Optional Extension	ft ³ (m ³)	315 (8.9)	400 (11.3)	490 (13.9)	490 (13.9)	575 (16.3)	690 (19.5)	720 (20.3)	720 (20.3)
UNIT									
Empty Wt.	lb (kg)	5,370 (2435.8)	5,750 (2608.1)	8,133 (3689)	9,500 (4,309)	9,980 (4527)	10,475 (4751)	11,900 (5398)	13,700 (6214)
XH Empty Wt.	lb (kg)		N/A	N/A	11,186 lbs (5073.9 kg)	11,743 lbs (5326.5 kg)	12,373 lbs (5612.3 kg)		N/A
Max. Load @ 25#/cu.ft.	lb (kg)	6,750 (3062)	8,750 (3969)	10,500 (4763)	10,500 (4763)	12,500 (5670)	15,375 (6,974)	15,500 (7031)	15,500 (7031)
Max. Gross Wt.	lb (kg)	12,120 (5510)	14,500 (6590)	18,633 (8452)	20,000 (9072)	22,480 (10196)	25,850 (11725)	27,400 (12429)	29,200 (826)
XH Max. Gross Wt.	lb (kg)		N/A	N/A	21,686 (9836)	24,243 (10996)	27,748 (12856)		N/A
No. of Screws (See Options below)		1			1			2	2
Overall Length	in (m)	175 (4.4)	182 (4.6)	201 (5.1)	220 (5.6)	223 ¾ (5.7)	228 (5.8)	270 (6.86)	288 (7.31)
Overall Height	in (m)	95 (2.4)	100 (2.5)	97 (2.5)	97 ½ (2.5)	106 ½ (2.7)	119 ½ (3)	102 (2.6)	103.5 (2.62)
Overall Height (W/ Powershift)	in (m)			N/A					
Overall Width	in (m)	104 (2.6)		118 ½ (3)	109 (2.8)			101 (2.57)	101 (2.57)
Screw Flighting Thickness	in (mm)	½ (13)		⅝ (16)	⅝ (16), ¾ (19) XH			⅝ (16)	
Floor Thickness	in (mm)	½ (13)		½ (13)	¾ (19)			⅝ (16)	
Sidewall Thickness	in (mm)	¼ (6)		¼ (6)	¼ (6), ⅝ (9.5) XH			¼ (6)	
Minimum PTO Horsepower*		55 HP	65 HP	85 HP	85 HP	90 HP	110 HP	80 / 120 HP	80 / 120 HP
Viewing Platform		N/A		Access From Both Sides			N/A	Access From Both Sides	
Hour Meter					Standard				
Drive Package		Direct Drive					Direct Drive or 2-Speed		
Scale System		3-Point		3-Point	4-Point			3-point	3-point
Trailer Type		Single		Dual	Split Dual			Single	Dual
No. of Tires		2		4	4			2	4
Tire Size		320 70R 15 Tubeless Implement Tire		245 70R 19.5 Tubeless Implement Tire			H40 x 14.5 Recapped Aircraft	285 70R 19.5 Tubeless Implement Tires	
Operating Speed		540		540 or 1000			1000		
DOOR OPENINGS									
Front/Rear Commodity									
Height	in (mm)	N/A	30 (762) (Rear only)	26 (660) (Rear only)			26 (660)	30 (762)	30 (762)
Width	in (mm)	N/A	34 (864) (Rear only)	42 (1,067) (Rear only)			42 (1,067)	39 (991)	39 (991)
Side (4 Locations)									
Height	in (mm)				39 (991)				
Width	in (mm)				34 (864)				
Discharge		Various discharge packages available. See Dealer for details.							
Ground Clearance		Varies with discharge selected.							
OPTIONS									
Vertical Mixer Screw		Tru Taper™ Dual Kicker - Cone Top		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 Dual Kicker - Multi-Angle or Cone Top		
Maximum No. of Knives+		5		7	5	7	11	7 Per Screw/14 Total	7 Per Screw/14 Total
Steel/Rubber Side Extensions		Optional							
Hay Retainer Option(s)		Chain or Pipe							
Discharge Chute w/ or w/out Magnet		Optional							
Discharge Conveyor(s)		Various Options Available							
Tub Mounted Magnet**		Optional							
Wide Selection of Indicators		Digi-Star®, dinamica generale®, & Weigh-Tronix®							
Camera Package		Optional							
Ladder (Rear Location)		Optional							N/A
Planetary Cooling System		N/A						Optional	
Hydraulic Control Center		N/A						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.

