



1800N Series Trailer Vertical Mixer Specifications

The name farmers have entrusted for feeding solutions since 1948!

	U/M	265	510	750	
CAPACITY					
Mixing	ft ³ (m ³)	265 (7.5)	510 (14.4)	750 (21.2)	
With Optional 9 in. (228.6 mm) Rubber Extension	ft ³ (m ³)	315 (8.9)	593 (16.8)	—	
With Optional 9-1/4 in. (235 mm) Steel/Rubber Extension	ft ³ (m ³)	—	—	870 (24.6)	
With Optional 12 in. (304.8 mm) Steel Extension	ft ³ (m ³)	330 (9.3)	620 (17.5)	910 (25.8)	
UNIT					
Empty Wt.	lb (kg)	7,400 (3,363)	13,100 (5,953)	21,000 (9,525)	
Max. Load @ 25lb./cu.ft.	lb (kg)	6,625 (3,005)	12,750 (5,783)	18,750 (8,504)	
Max. Gross Wt.	lb (kg)	14,025 (6,368)	25,850 (11,736)	39,750 (18,029)	
No. of Screws (See Options below)		1	2	3	
Overall Length	in (m)	197 1/2 (5)	284 (7.2)	370 1/2 (9.4)	
Overall Height	in (m)	98 3/4 (2.51)		102 (2.6)	
Overall Width	in (m)	87 (2.2)			
	in (m)	Each side door adds 9-1/4 (235) to width of mixer.			
Screw Flighting Thickness	in (mm)	5/8 (16)			
Floor Thickness	in (mm)	1/2 (13)			
Sidewall Thickness	in (mm)	1/4 (6)			
Minimum PTO Horsepower*		55 HP	90 HP	145 HP (LO) speed	
Viewing Platform		Access From Right and Left Sides			
Hour Meter		Standard			
Scale System		4-Point			
No. of Tires		2	4	8 (Duals)	
Tire Size		245 70R 19.5 Tubeless Truck Tires			
Operating Speed		540 or 1000		1000 RPM	
DOOR OPENINGS					
Front/Rear Commodity Height	in (mm)	Front/Rear 26 (660)	Side 39 (991)	Front/Rear 26 (660)	Side 39 (991)
Width	in (mm)	42 (1,067)	34 (864)	42 (1,067)	34 (864)
Discharge		Various discharge packages available. See Dealer for details.			
Ground Clearance		Varies with discharge selected.			
OPTIONS					
Tru Taper™ Vertical Mixer Screw		Choose One Type of Screw for your Mixing Needs			
Cone Top with Dual Kicker (not included in basic unit)		Multi-Angle or Cone Top			
Max No. of Knives 34 in. (863.6) screw+		5	5 per screw/10 total		
Max No. of Knives 44 in. (1117.6) screw+		7	7 per screw/14 total		
2-Speed Drive Pkg.		—	Optional		
Rubber Side Extensions		Optional		—	
Steel/Rubber Side Extensions		—	—	Optional	
Steel Side Extensions		Optional			
Discharge Chute with or without Magnet		Optional			
Discharge Conveyor(s)		Various Options.			
Tub Mounted Magnet**		Optional			
Rear Commodity Door		Optional			
Indicator Extension Arm		Optional			
Wide Selection of Indicators		dinamica generale®, Weigh-Tronix®, & Digi-Star®			
Camera Package		Optional			
Battery Mount		Optional			
Ladder		Optional			

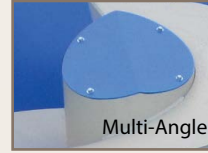
* Minimum PTO horsepower requirement is for continuous run. Starting the mixer under load will require higher PTO horsepower.

** Patented

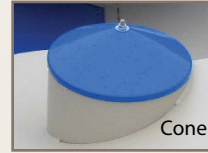
+ Quantity varies with material in the ration and processing time.

Tru Taper™ Screw Tops

Choose from multi-angle or cone top Tru Taper™ screws for your specific mixing needs.



Multi-Angle Top Screw(s)
Recommended for long, fibrous material flow.



Cone Top Screw(s)
Recommended for medium to fine material flow.

Options include:

DIG IN with the RAPTOR™**!

Engineered to complement our standard knives, this AR knife features a forward-facing design to dig in, hook, and slice bales faster and more aggressively!



PROTECT WHAT MATTERS WITH A PATENTED TUB MOUNTED MAGNET!



Exclusive to Patz!

Encased in stainless steel, this patented magnet is strong enough to pull tramp metal from the ration while mixing. Mounted into the Patz Vertical Mixer tub wall, a hinged assembly was designed for safe removal of tramp metal.



Actual tramp metal removed from magnet.

Proven Performance You Can Count On!



CAUTION: Never operate Patz equipment without all shields and guards in place. **Safety Is No Accident.** Before operating any

piece of equipment, be sure to read and understand the operator's manual. This manual should be kept with the machine at all times.

Additionally, make sure all safety shields and devices are functioning properly and are securely in place.

Specifications and prices subject to change without notice.