



1800N Series Stationary 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)	98 3/4 (2.51)	102 (2.6)			
Overall Width	in (m)	87 (2.2)	87 (2.2)	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)	5/8 (13)					
Sidewall Thickness	in (mm)	1/4 (6)					
Drive System		1,000 RPM PTO Direct Drive					
Viewing Platform		Access From Right and Left Sides					
Hour Meter		Standard					
Scale System		4-Point					
DOOR OPENINGS							
Front/Rear Commodity Height	in (mm)	26 (660)	39 (991)	26 (660)	39 (991)	26 (660)	39 (991)
Width	in (mm)	42 (1,067)	34 (864)	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 with Dual Kicker (not included in basic unit)		Choose One Type of Screw for your Mixing Needs 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			
Rubber Side Extensions		Optional			—		
Steel/Rubber Side Extensions		—		—	Optional		
Steel Side Extensions		Optional					
Discharge Chute with or without Magnet		Optional					
Discharge Conveyor(s)		Various Opt.	Various Opt.	Various Opt.			
Tub Mounted Magnet**		Optional					
Indicator Extension Arm		Optional					
Wide Selection of Indicators		dinamica generale®, Weigh-Tronix®, & Digi-Star®					
Variable Frequency Drive Pkg. (VFD)		Optional					

** Patented

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



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.

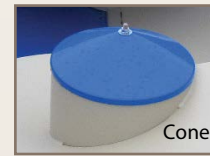
Tru Taper™ Screw Tops

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



Multi-Angle

Multi-Angle Top Screw(s)
Ideal for breaking down large round or square bales and fluffy, bulk commodities.



Cone

Cone Top Screws
Allows for good clean off and feed flow. Best used for silage and high grain rations.

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!

4 Sizes Available!



**patented

PROTECT WHAT MATTERS WITH A PATENTED TUB MOUNTED MAGNET!

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.



Exclusive to Patz!

Proven Performance you can count on!