



1800N Series 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		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)	5/8 (16)	5/8 (16)	
Floor Thickness	in (mm)	5/8 (13)	5/8 (13)	5/8 (13)	
Sidewall Thickness	in (mm)	1/4 (6)	1/4 (6)	1/4 (6)	
Drive System		1,000 RPM PTO Direct Drive			
Viewing Platform		Access From Right and Left Sides			
Hour Meter		Std.	Std.	Std.	
Scale System		4-Point	4-Point	4-Point	
DOOR OPENINGS					
Front/Rear Commodity Height	in (mm)	26 (660)	39 (991)	26 (660)	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 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	5 per screw/15 total	
Max No. of Knives 44 in. (1117.6) screw+		7	7 per screw/14 total	7 per screw/21 total	
Rubber Side Extensions		Opt.	Opt.	—	
Steel/Rubber Side Extensions		—	—	Opt.	
Steel Side Extensions		Opt.	Opt.	Opt.	
Discharge Chute with or without Magnet		Opt.	Opt.	Opt.	
Discharge Conveyor(s)		Various Opt.	Various Opt.	Various Opt.	
Tub Mounted Magnet‡		Opt.	Opt.	Opt.	
Indicator Extension Arm		Opt.	Opt.	Opt.	
Wide Selection of Indicators		dinamica generale®, Weigh-Tronix®, & Digi-Star®			
Variable Frequency Drive Pkg. (VFD)		Opt.	Opt.	Opt.	

‡ Patent Pending.

+ Quantity varies with material in ration and processing time.

Tru Taper™ Screw Tops

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



Patent Pending 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™*!



Use with our standard knives to dig in, hook, and cut bales faster and more aggressively!

3 Sizes Available!



PROTECT WHAT MATTERS with a Tub Mounted Magnet*!

Exclusive to Patz!

Encased in stainless steel, this exclusive magnet is mounted into the Patz Vertical Mixer tub wall on a hinged assembly for effective removal of tramp metal from rations.



*Patent Pending

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.