



1000 Series Trailer Single Screw Vertical Mixer Specifications

The name customers have entrusted for feeding solutions since 1948!

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 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.

Guide Your Hay with Choice of Hay Retainers!

Bolted to the top of the mixer tub, hay retainers help guide dry hay inside the tub during mixing.



Pipe Hay Retainer

Chain Hay Retainer

Proven Performance You Can Count On!

The Patz Vertical Mixer Series includes trailer, stationary, & truck mount units with 140-1,580 cu. ft. (3.9-44.7 m³) mixing capacities!

	U/M	420	
CAPACITY			
Mixing	ft ³ (m ³)	420 (11.8)	
w/Optional Extension	ft ³ (m ³)	490 (13.9)	
UNIT			
Empty Wt.	lb (kg)	7,920 (3,600)	
Max. Load @ 25#/cu.ft.	lb (kg)	10,500 (4,763)	
Max. Gross Wt.	lb (kg)	18,420 (8,373)	
No. of Screws (See Options below)		1	
Overall Length	in (m)	201 (5.1)	
Overall Height	in (m)	97 (2.5)	
Overall Width	in (m)	109 (2.8)	
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*		85 HP	
Hour Meter		Std.	
Scale System		3-Point	
No. of Tires		4	
Tire Size		245 70R 19.5 Tubeless Truck Tires	
Operating Speed		540 or 1000 RPM	
DOOR OPENINGS		Rear	Side
Height	in (mm)	26 (660)	39 (991)
Width	in (mm)	42 (1,067)	34 (864)
Discharge		Various discharge packages available. See Dealer for details.	
Ground Clearance		Varies with discharge selected.	
OPTIONS		Choose One Type of Screw for your Mixing Needs Multi-Angle or Cone Top	
‡Vortex® Vertical Mixer Screw (not included in basic unit)			
Single or Dual Kicker			
Maximum No. of Knives+		7	
Rubber Side Extensions		Opt.	
Hay Retainer		Chain or Pipe	
Discharge Chute w/ or w/out Magnet		Opt.	
Discharge Conveyor(s)		Various Opt.	
Tub Mounted Magnet‡		Opt.	
Rear Commodity Door		Opt.	
Indicator Extension Arm		Opt.	
Wide Selection of Indicators		dinamica generale®, Weigh-Tronix®, & Digi-Star®	
Camera Package		Opt.	
Battery Mount		Opt.	
Ladder (Rear)		Opt.	
Viewing Platform (Front)		Opt.	

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

+ Quantity varies with material in ration and processing time.

‡ Patent Pending.



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.

Watch online



mixer video!

