


# 800 Series II Stationary Single Screw Vertical Mixers



Since 1948

## Built Strong to Last Long - You Can Count On It!

### Here's why:

- Newly engineered, heavier unit for extended life.
-  **Tru Taper™** Cone Top screw with thicker fliting ensures consistent mixing and processing of materials.
- State-of-the-art, 3-point weigh system for ration accuracy with a wide variety of ingredients.

**Customize Your  
Mixer with choice  
of options!**



ASABE® compliant  
safety guard included.

- Choice of 270 – 425 cu. ft. (7.6 – 12 m<sup>3</sup>) mixing capacities!
- Features compact foot print.
- 5-year prorated planetary gearbox warranty.
- Manufactured by Patz Corporation, a Wisconsin-based, family-owned company.



## – Proven Performers You Can Count On!

**SEEING IS BELIEVING!**

Ask your local Patz Mixer Dealer  
how this mixer can add  
to your bottom line!

**FLEXIBLE PAYMENT  
PLANS AVAILABLE.  
ASK FOR DETAILS.**



**FEEDINGSOLUTIONS**  
[www.patzcorp.com](http://www.patzcorp.com)





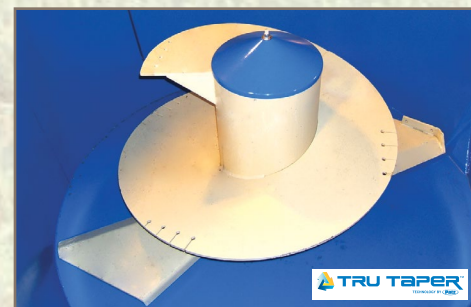
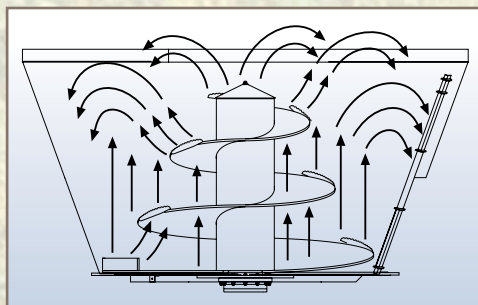
# Engineered to provide precision processing of materials in a variety of mixing applications.

## Standard features of the Patz 800 Series II Single Screw Vertical Mixer.

**Every Patz Mixer is individually built and customized to meet and exceed your needs.**

- ① **Rectangular base with offset leg design** provides installation flexibility. Mount drive package on front or rear of mixer base.
- ② **3-point, electronic weighing system** uses 2-1/8" ND diameter weigh bars for accurate, reliable ingredient weighing.
- ③ Factory-installed **side doors** available on right side, left side, or both. Choose hydraulic or manual operation when ordering. Side discharge door opening is 34" (864 mm) wide by 39" (991 mm) high (Manual door shown.).
- ④ **Reinforced top ring** with 3/8" (9.5 mm) steel provides extra strength and protection from damage while loading! Laser cut holes align top safety guard and 7ga steel side extensions.
- ⑤ **Overlapping sidewalls** 1/4" (6 mm) steel.
- ⑥ **Low Profile units:** 270 cu. ft. (7.7 m<sup>3</sup>) unit only 91-1/2" high (2.3 m), 350 cu. ft. (9.9 m<sup>3</sup>) unit is 97-1/2" high (2.5m).
- ⑦ Control particle size (length) and feed flow with two adjustable **restrictor plates**. Fine-tune ration with 4 pre-sets or invert on top-bottom pivot points.
- ⑧ High performance **Tru Taper™ screw** with 1/2" (13 mm) fliting and laser pre-cut knife positions. Cone Top design features sturdy 18" (457 mm) diameter center tube.  
**270 34" (864 mm) Tru Taper™ screw** accepts up to (5) knives: 12" (305 mm) or 21-1/2" (546 mm) hardened Tungsten/Carbide, 4-1/4" (108 mm), 4-3/4" (121 mm), or 5-1/2" (140 mm) RAPTOR™ knives.

**350 44" (1118 mm) Tru Taper™ screw** accepts up to (7) knives: 12" or 21-1/2" (546 mm) hardened Tungsten/Carbide, 4-1/4" (108 mm), 4-3/4" (121 mm), or 5-1/2" (140 mm) RAPTOR™ knives.



Uniquely designed Cone Top dual kicker steel screw provides quick, thorough mixing, even discharge, and superior cleanout.



- ⑨ **5-year prorated planetary gearbox warranty.** Planetary breather is routed through the bottom plate for easier maintenance and access.
- ⑩ **Telescoping (collapsible) driveline** with shear bolt protection and improved service accessibility.
- ⑪ **Drive Package options** include single or twin motor mounts, 2-speed (high-low) stop-and-shift transmission, Variable Frequency Drive (VFD) with control panel featuring 3-forward speeds, boost, and reverse; or 1000 RPM PTO direct drive.
- ⑫ Monitor planetary with **oil reservoir** featuring front-view fluid level indicator and in-cap dipstick.
- ⑬ **Vibration-activated hour meter** monitors mixer's actual hours of operation for preventive maintenance.
- ⑭ **Black plastic manual case** conveniently preserves manuals for immediate reference at all times.



### Choose From These Customization Options To Meet Your Needs:

- Patented RAPTOR™ knives
- Hardened tungsten/carbide knives
- Patent Pending tub mounted magnet
- Discharge chute magnet options
- Wide selection of indicators/scales
- Tub Liners
- Ladder
- VFD Drive package

*See Specifications page for additional options.*





# 800 Series II Stationary Single Screw Vertical Mixer Specifications

The name customers have entrusted for material handling solutions since 1948!

	U/M	270 Low Profile	350
<b>CAPACITY</b>			
Mixing	ft <sup>3</sup> (m <sup>3</sup> )	270 (7.6)	350 (9.9)
w/Optional Extension	ft <sup>3</sup> (m <sup>3</sup> )	335 (9.5)	425 (12)
<b>UNIT</b>			
Empty Wt.	lb (kg)	5,995 (2719)	6,446 (2924)
Max. Load @ 25lb/cu.ft.	lb (kg)	6,750 (3062)	8,750 (3969)
Max. Gross Wt.	lb (kg)	12,745 (5781)	15,196 (6893)
No. of Screws (See Options below)		1	1
Overall Length	in (m)	132-1/8 (3.4)	146-5/8 (3.7)
Overall Height without Guard	in (m)	84-7/8 (2.2)	90-5/8 (2.3)
Overall Height with Top Guard	in (m)	91-1/2 (2.3)	97-1/2 (2.5)
Overall Height with 12 in. Ext.	in (m)	103-1/2 (2.6)	109-1/2 (2.8)
Overall Width	in (m)	103-5/8 (2.7)	112-3/4 (2.9)
Screw Flighting Thickness	in (mm)	1/2 (13)	1/2 (13)
Floor Thickness	in (mm)	1/2 (13)	1/2 (13)
Sidewall Thickness	in (mm)	1/4 (6)	1/4 (6)
Horsepower Requirements		(2) 7½ or (2) 10 HP or (1) 15 HP or (1) 20 HP (1) 25 HP or (1) 30 HP or (1) 40 HP or (1) 50 HP	
Restrictors		2	2
Hour Meter		Std.	Std.
Scale System		3-Point	3-Point
<b>DOOR OPENINGS</b>			
Right Side, Left Side, Both			
Height	in (mm)	39 (991)	39 (991)
Width	in (mm)	34 (864)	34 (864)
Back Door, Hydraulic			
Height	in (mm)	30 (762)	30 (762)
Width	in (mm)	34 (864)	34 (864)
<b>OPTIONS</b>			
<b>Tru Taper™</b> Vertical Mixer Screw Cone Top with Dual Kicker (not included in basic unit)		Choose One Size Screw for Your Mixing Needs	
Maximum No. of Knives‡		5	7
Manual or Hydraulic Door Control		Right Side or Left Side	Right Side or Left Side
Discharge Chute with or without Magnet		Opt.	Opt.
Tub Mounted Magnet+		Opt.	Opt.
Wide Selection of Indicators		dinamica generale®, Weigh-Tronix®, & Digi-Star®	
Ladder		Opt.	Opt.
Variable Frequency Drive Pkg. (VFD)		Opt.	Opt.

+ Patent Pending.

‡ Quantity varies with material in ration and processing time.

## 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!

3 Sizes Available!

### PROTECT WHAT MATTERS with a Tub Mounted Magnet\*!



270 cu. ft.



350 cu. ft.

Exclusive to Patz!

Encased in stainless steel, this magnet is mounted only into a 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!**

Watch video online  
Patz - A Good Partner.



**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.