



Since 1948

# 1600 Series Twin Screw Vertical Mixers

## Versatile and Affordable for Your Operation!

- **Handles a wider variety of ingredients, including round and square bales!**
- **Thorough, consistent TMR, regardless of batch size!**
- **Fast discharge with superior cleanout!**
- **Reliable, accurate scale system – choice of indicators.**
- **620 - 720 cu. ft. (17.6 - 20.3 m<sup>3</sup>) mixing capacity.**
- **Manufactured by Patz Corporation, a Wisconsin-based, family-owned company.**

Available in trailer or truck mount!



**Featuring Tru Taper™ Screw**

**Choice of screw tops!**

Multi-Angle top screws shown

**Mixing Design Promotes Fast, Thorough Blending from End to End!** The Patz 1600 Series Twin Screw Vertical Mixer's unique **Tru Taper™ screws and patented baffle design** quickly and gently directs all feed ingredients around both screws from end to end, producing a thorough, consistent, quality ration, regardless of batch size.

**SEEING IS BELIEVING!**

Contact your local Patz Mixer Dealer for more details or a demo!

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



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





# 1600 Series Twin Screw Vertical Mixers Specifications

The name farmers have entrusted for feeding solutions since 1948!

1600	U/M	620 TRAILER	620 TRUCK MOUNT (MIXER ONLY)		
<b>CAPACITY</b>					
Mixing	ft <sup>3</sup> (m <sup>3</sup> )	620 (17.6)	620 (17.6)		
w/Optional Extension	ft <sup>3</sup> (m <sup>3</sup> )	720 (20.3)	720 (20.3)		
<b>UNIT</b>					
Empty Weight	lb (kg)	11,900 (5,398)	10,500 (4,773)		
Max. Load @ 25#/cu.ft.	lb (kg)	15,500 (7,031)	15,500 (7,031)		
Max. Gross Weight	lb (kg)	27,400 (12,429)	26,000 (11,804)		
No. of Screws (see options below)		2	2		
Overall Length	in (m)	270 (6.86)	227 (5.77)		
Overall Height	in (m)	102 (2.6)	124 (3.15)		
Overall Width	in (m)	101 (2.57)	101 (2.57)		
Screw Flighting Thickness	in (mm)	5/8 (16)	5/8 (16)		
Floor Thickness	in (mm)	5/8 (16)	5/8 (16)		
Sidewall Thickness	in (mm)	1/4 (6)	1/4 (6)		
Minimum PTO Horsepower*		80/120	—		
Hour Meter		Std.	Std.		
Scale System		3-Point	4-Point		
No. of Tires		2	—		
Tire Size		H40 x 14.5 Recapped Aircraft	—		
Operating Speed		1000	—		
<b>DOOR OPENINGS</b>					
		<b>Rear</b>	<b>Side</b>	<b>Front/Rear</b>	<b>Side</b>
Height	in (mm)	30 (762)	39 (990)	30 (762)	39 (990)
Width	in (mm)	34 (864)	34 (864)	34 (864)	34 (864)
Locations		1	4	2	4
Discharge		Various discharge packages available. See Dealer for details.			
Ground Clearance		Varies with discharge selected.			
<b>OPTIONS</b>					
Tru Taper™ Vertical Mixer Screw		Dual Kicker - Order 2			
Cone Top with Dual Kicker (not included in basic unit)		Multi-Angle or Cone Top			
Drive		2-Speed or Direct	Hyd. Wheel Motor		
Rubber Side Extensions		Opt.	Opt.		
Hay Retainer		Opt.	Opt.		
Discharge Chute w/ or w/out Magnet		Opt.	Opt.		
Maximum No. of Knives+		7 Per Screw/14 Total	7 Per Screw/14 Total		
Knife Backing Plate		Opt.	Opt.		
Indicator Extension Arm		Opt.	Opt.		
Tub Mounted Magnet‡		Opt.	Opt.		
Discharge Conveyor		Opt.	Opt.		
Wide Selection of Indicators		dinamica generale®, Weigh-Tronix®, or Digi-Star®			
Battery Mount		Opt.	—		
Hitch		Clevis, Single Tang, or Bull Pull™	—		
Hitch Pin		Opt.	—		
Ladder/Platform		Ladder	Platform		
Rear Commodity Door		Opt.	Opt.		
Camera Pkg.		Opt.	Opt.		

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

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

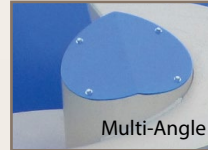
‡ Patent Pending.



**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.

## Tru Taper™ Screw Tops

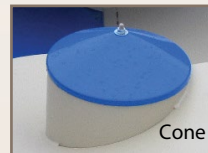
Choose from multi-angle or cone top Tru Taper™ screws for your specific mixing needs.



Multi-Angle

### Patent Pending 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™\*!



\*patented

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!

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



Encased in stainless steel, this magnet is only mounted into the Patz Vertical Mixer tub wall on a hinged assembly for effective removal

Exclusive to Patz!



Actual tramp metal removed from magnet.

of tramp metal from rations.

\*Patent Pending

## CreepDrive™ Package (Truck Mount Only)

Shift truck into CreepDrive™ mode to maintain a constant, slow ground speed that matches the discharge rate. Better speed and discharge control help ensure proper placement of feed in feed bunks.

CreepDrive™ is a trademark of Poclair Hydraulics Inc.



## 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 m<sup>3</sup>) mixing capacities!

Bull-Pull™ is a trademark of Terog Manufacturing.