

400 Series II Stationary Single Screw Vertical Mixer

Specifications

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

CAPACITY ft3 (m3) 140 (3.9) 200 (5.7) w/Optional Extension ft3 (m3) 180 (5.0) 240 (6.8) UNIT Ib (kg) 4,184 (1,898) 4,575 (2,075) Max. Load @ 25#/cu.ft. Ib (kg) 3,500 (1,588) 5,000 (2,268) Max. Load @ 25#/cu.ft. w/9" Ext. Ib (kg) 4,500 (2,045) 6,000 (2,722) Max. Gross Wt. Ib (kg) 4,500 (2,045) 6,000 (2,722) Max. Gross Wt. Ib (kg) 4,500 (2,045) 6,000 (2,722) Max. Gross Wt. Ib (kg) 4,500 (2,045) 6,000 (2,722) Max. Gross Wt. Ib (kg) 4,500 (2,045) 6,000 (2,722) Max. Gross Wt. Ib (kg) 4,500 (2,045) 6,000 (2,722) Max. Gross Wt. Ib (kg) 4,500 (2,045) 6,000 (2,722) Max. Gross Wt. Ib (kg) 4,500 (2,045) 6,000 (2,722) Max. Gross Wt. Ib (kg) 4,500 (2,045) 6,000 (2,722) Max. Gross Wt. Ib (kg) 4,500 (2,045) 6,000 (2,722) Max. Gross Wt. In (m) 18 1/2 (3.0) 19		U/M	140	200
w/Optional Extension ft³ (m³) 180 (5.0) 240 (6.8) UNIT Empty Wt. Ib (kg) 4,184 (1,898) 4,575 (2,075) Max. Load @ 25#/cu.ft. Ib (kg) 3,500 (1,588) 5,000 (2,268) Max. Load @ 25#/cu.ft. w/9" Ext. Ib (kg) 4,500 (2,045) 6,000 (2,722) Max. Gross Wt. Ib (kg) 4,500 (2,045) 6,000 (2,722) Max. Gross Wt. Ib (kg) 4,500 (2,045) 6,000 (2,722) Max. Gross Wt. Ib (kg) 4,500 (2,045) 6,000 (2,722) Max. Gross Wt. Ib (kg) 4,500 (2,045) 6,000 (2,722) Max. Gross Wt. Ib (kg) 4,500 (2,045) 6,000 (2,722) Max. Gross Wt. Ib (kg) 4,500 (2,045) 6,000 (2,722) Max. Gross Wt. Ib (kg) 4,500 (2,045) 6,000 (2,722) Max. Gross Wt. Ib (kg) 4,500 (2,045) 6,000 (2,722) Max Gross Wt. Ib (kg) 4,500 (2,045) 6,000 (2,722) Max Ball State Stat	CAPACITY			
UNIT Empty Wt. Ib (kg) 4,184 (1,898) 4,575 (2,075) Max. Load @ 25#/cu.ft. Ib (kg) 3,500 (1,588) 5,000 (2,268) Max. Load @ 25#/cu.ft. w/9" Ext. Ib (kg) 4,500 (2,045) 6,000 (2,722) Max. Gross Wt. Ib (kg) 8,684 (3,943) 10,575 (4,797) No. of Screws (See Options below) 1 1 1 Overall Length in (m) 118 1/2 (3.0) 118 1/2 (3.0) Overall Height in (m) 86 5/8 (2.2) 100 1/8 (2.5) Overall Height w/9" Ext. in (m) 95 5/8 (2.4) 109 1/8 (2.8) Overall Width in (m) 88 1/2 (2.2) 88 1/2 (2.2) 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 (1) 10 HP or (2) 7% or (2) 10 HP or (1) 25 HP or (1) 30 HP Hour Meter Std. Std. Std. Scale System 3-Point 3-Point 3-Point </td <td>Mixing</td> <td>ft³ (m³)</td> <td>140 (3.9)</td> <td>200 (5.7)</td>	Mixing	ft ³ (m ³)	140 (3.9)	200 (5.7)
Empty Wt.	w/Optional Extension	ft ³ (m ³)	180 (5.0)	240 (6.8)
Max. Load @ 25#/cu.ft. lb (kg) 3,500 (1,588) 5,000 (2,268) Max. Load @ 25#/cu.ft. w/9" Ext. lb (kg) 4,500 (2,045) 6,000 (2,722) Max. Gross Wt. lb (kg) 8,684 (3,943) 10,575 (4,797) No. of Screws (See Options below) 1 1 1 Overall Length in (m) 118 1/2 (3.0) 118 1/2 (3.0) 118 1/2 (3.0) Overall Height in (m) 86 5/8 (2.2) 100 1/8 (2.5) 100 1/8 (2.5) Overall Height w/9" Ext. in (m) 95 5/8 (2.4) 109 1/8 (2.8) Overall Height w/9" Ext. in (m) 95 5/8 (2.4) 109 1/8 (2.8) Overall Height w/9" Ext. in (m) 95 5/8 (2.4) 109 1/8 (2.8) Overall Height w/9" Ext. in (m) 95 5/8 (2.4) 109 1/8 (2.8) Overall Height w/9" Ext. in (m) 95 5/8 (2.4) 109 1/8 (2.8) Overall Height w/9" Ext. in (m) 1/2 (13) 1/2 (13) Floar Hight w/9" Ext. in (mm) 1/2 (13) 1/2 (13) Floar Hight w/9" Ext. in (mm) 1/4 (6) 1/4 (6) 1/4	UNIT			
Max. Load @ 25#/cu.ft. w/9" Ext. Ib (kg) 4,500 (2,045) 6,000 (2,722) Max. Gross Wt. Ib (kg) 8,684 (3,943) 10,575 (4,797) No. of Screws (See Options below) 1 1 Overall Length in (m) 118 1/2 (3.0) 118 1/2 (3.0) Overall Height in (m) 86 5/8 (2.2) 100 1/8 (2.5) Overall Height w/9" Ext. in (m) 95 5/8 (2.4) 109 1/8 (2.8) Overall Width in (m) 95 5/8 (2.4) 109 1/8 (2.8) Overall Width in (m) 95 5/8 (2.4) 109 1/8 (2.8) Overall Width in (m) 88 1/2 (2.2) 88 1/2 (2.2) Screw Flighting Thickness in (mm) 1/2 (13) 1/2 (13) Floor Thickness in (mm) 1/4 (6) 1/4 (6) Horsepower Requirements (1) 10 HP or (2) 7½ or (2) 10 HP or (1) 30 HP Hour Meter Std. Std. Std. Scale System 3-Point 3-Point 3-Point DOR OPENINGS In (mm) 31 (787) 31 (787) 31 (787) Width		lb (kg)	4,184 (1,898)	4,575 (2,075)
Max. Gross Wt. Ib (kg) 8,684 (3,943) 10,575 (4,797) No. of Screws (See Options below) 1 1 Overall Length in (m) 118 1/2 (3.0) 118 1/2 (3.0) Overall Height in (m) 86 5/8 (2.2) 100 1/8 (2.5) Overall Height w/9" Ext. in (m) 95 5/8 (2.4) 109 1/8 (2.8) Overall Width in (m) 88 1/2 (2.2) 88 1/2 (2.2) 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 (1) 10 HP or (2) 7½ or (2) 10 HP or (1) 30 HP or (1) 10 HP or (1) 20 HP (1) 25 HP or (1) 30 HP 1/2 (13) Hour Meter Std. Std. Std. Scale System 3-Point 3-Point DOOR OPENINGS 3-Point 3-Point Height in (mm) 31 (787) 31 (787) Width in (mm) 24 (610) 24 (610) Location R.H., L.H., or Both			3,500 (1,588)	5,000 (2,268)
No. of Screws (See Options below)	Max. Load @ 25#/cu.ft. w/9" Ext.		4,500 (2,045)	
Overall Length in (m) 118 1/2 (3.0) 118 1/2 (3.0) Overall Height in (m) 86 5/8 (2.2) 100 1/8 (2.5) Overall Height w/9" Ext. in (m) 95 5/8 (2.4) 109 1/8 (2.8) Overall Width in (m) 95 5/8 (2.4) 109 1/8 (2.8) Overall Width in (m) 95 5/8 (2.4) 109 1/8 (2.8) Overall Height w/9" Ext. in (m) 95 5/8 (2.4) 109 1/8 (2.8) Overall Height w/9" Ext. in (m) 95 5/8 (2.4) 109 1/8 (2.8) Overall Height width in (mm) 1/2 (13) 12 (2.2) 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 (1) 10 HP or (2) 7½ or (2) 10 HP or (1) 30 HP How Meter Std. Std. Std. Scale System 3-Point 3-Point 3-Point DOP OPENINGS Height in (mm) 24 (610) 24 (610) L		lb (kg)	8,684 (3,943)	10,575 (4,797)
Overall Height in (m) 86 5/8 (2.2) 100 1/8 (2.5) Overall Height w/9" Ext. in (m) 95 5/8 (2.4) 109 1/8 (2.8) Overall Width in (m) 88 1/2 (2.2) 88 1/2 (2.2) 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 (1) 10 HP or (2) 7½ or (2) 10 HP or (2) 10 HP or (2) 7½ or (2) 10 HP or (2)	No. of Screws (See Options below)		1	1
Overall Height w/9" Ext. in (m) 95 5/8 (2.4) 109 1/8 (2.8) Overall Width in (m) 88 1/2 (2.2) 88 1/2 (2.2) 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 (1) 10 HP or (2) 7½ or (2) 10 HP or (1) 30 HP Hour Meter Std. Std. Scale System 3-Point 3-Point DOOR OPENINGS in (mm) 31 (787) 31 (787) Width in (mm) 24 (610) 24 (610) Location R.H., L.H., or Both OPTIONS Choose One Type of Screw (not included in basic unit) Choose One Type of Screw (not included in basic unit) Dual Kicker A 5 Maximum No. of Knives+ 4 5 Manual or Electric Door Control R.H. or L.H. R.H. or L.H. Discharge Chute w/ or w/out Magnet Opt. Opt. Tub Mounted Magnet‡ Opt. Opt.	Overall Length	in (m)	118 1/2 (3.0)	118 1/2 (3.0)
Overall Width in (m) 88 1/2 (2.2) 88 1/2 (2.2) 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 (1) 10 HP or (2) 7½ or (2) 10 HP or (1) 15 HP or (1) 20 HP (1) 25 HP or (1) 30 HP Hour Meter Std. Std. Scale System 3-Point 3-Point DOOR OPENINGS Height in (mm) 31 (787) 31 (787) Width in (mm) 24 (610) 24 (610) Location R.H., L.H., or Both OPTIONS Vertical Mixer Screw (not included in basic unit) Dual Kicker Maximum No. of Knives+ 4 5 Manual or Electric Door Control R.H. or L.H. R.H. or L.H. Discharge Chute w/ or w/out Magnet Tub Mounted Magnet‡ Opt. Opt. Wide Selection of Indicators dinamica generale®, Weigh-Tronix®, & Digi-Star® Ladder Opt. Opt.	Overall Height	in (m)	86 5/8 (2.2)	100 1/8 (2.5)
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 (1) 10 HP or (2) 7½ or (2) 10 HP or (1) 10 HP or (1) 25 HP or (1) 30 HP Hour Meter Std. Std. Scale System 3-Point 3-Point DOOR OPENINGS Height in (mm) 31 (787) 31 (787) Width in (mm) 24 (610) 24 (610) Location R.H., L.H., or Both OPTIONS Vertical Mixer Screw (not included in basic unit) Dual Kicker Maximum No. of Knives+ 4 5 Manual or Electric Door Control R.H. or L.H. R.H. or L.H. Discharge Chute w/ or w/out Magnet Opt. Opt. Tub Mounted Magnet‡ Opt. Opt. Wide Selection of Indicators dinamica generale*, Weigh-Tronix*, & Digi-Star* Ladder Opt. Opt.	Overall Height w/9" Ext.	in (m)	95 5/8 (2.4)	109 1/8 (2.8)
Floor Thickness in (mm) 1/2 (13) 1/2 (13) Sidewall Thickness in (mm) 1/4 (6) 1/4 (6) Horsepower Requirements (1) 10 HP or (2) 7½ or (2) 10 HP or (1) 15 HP or (1) 20 HP (1) 25 HP or (1) 30 HP Hour Meter Std. Std. Scale System 3-Point 3-Point DOOR OPENINGS Height in (mm) 31 (787) 31 (787) Width in (mm) 24 (610) 24 (610) Location R.H., L.H., or Both OPTIONS Vertical Mixer Screw (not included in basic unit) Dual Kicker Maximum No. of Knives+ 4 5 Manual or Electric Door Control R.H. or L.H. R.H. or L.H. Discharge Chute w/ or w/out Magnet Opt. Opt. Tub Mounted Magnet Opt. Opt. Wide Selection of Indicators dinamica generale®, Weigh-Tronix®, & Digi-Star® Ladder Opt. Opt.	Overall Width	in (m)	88 1/2 (2.2)	88 1/2 (2.2)
Sidewall Thickness in (mm) 1/4 (6) 1/4 (6) Horsepower Requirements (1) 10 HP or (2) 7½ or (2) 10 HP or (1) 15 HP or (1) 20 HP (1) 25 HP or (1) 30 HP Hour Meter Std. Std. Scale System 3-Point 3-Point DOOR OPENINGS Height in (mm) 31 (787) 31 (787) Width in (mm) 24 (610) 24 (610) Location R.H., L.H., or Both OPTIONS Vertical Mixer Screw (not included in basic unit) Dual Kicker Maximum No. of Knives+ 4 5 Manual or Electric Door Control R.H. or L.H. R.H. or L.H. Discharge Chute w/ or w/out Magnet Tub Mounted Magnet Opt. Opt. Wide Selection of Indicators dinamica generale®, Weigh-Tronix®, & Digi-Star® Ladder Opt. Opt.	Screw Flighting Thickness	in (mm)	1/2 (13)	1/2 (13)
Horsepower Requirements (1) 10 HP or (2) 7½ or (2) 10 HP or (1) 30 HP Hour Meter Std. Scale System 3-Point 3-Point DOOR OPENINGS Height in (mm) 31 (787) 31 (787) Width in (mm) 24 (610) Location R.H., L.H., or Both OPTIONS Vertical Mixer Screw (not included in basic unit) Dual Kicker Maximum No. of Knives+ Manual or Electric Door Control Discharge Chute w/ or w/out Magnet Tub Mounted Magnet‡ Opt. Opt. Wide Selection of Indicators Ladder (1) 10 HP or (2) 7½ or (2) 10 HP or (1) 30 HP (1) 25 HP or (1) 20 HP (1) 25 HP or (1) 30 HP Std. Std. Std. Std. Std. Std. Std. Std	Floor Thickness	in (mm)	1/2 (13)	1/2 (13)
Hour Meter Std. Std. Scale System 3-Point 3-Point DOOR OPENINGS Height in (mm) Width in (mm) Location OPTIONS Vertical Mixer Screw (not included in basic unit) Dual Kicker Maximum No. of Knives+ Manual or Electric Door Control Discharge Chute w/ or w/out Magnet Tub Mounted Magnet Ladder (1) 15 HP or (1) 20 HP (1) 25 HP or (1) 30 HP Std. Std. Std. Std. Std. Std. Std. Std	Sidewall Thickness	in (mm)	1/4 (6)	1/4 (6)
Scale System DOOR OPENINGS Height in (mm) Width in (mm) Docation OPTIONS Vertical Mixer Screw (not included in basic unit) Dual Kicker Maximum No. of Knives+ Manual or Electric Door Control Discharge Chute w/ or w/out Magnet Tub Mounted Magnet‡ Opt. Opt. Second Type of Screw for Your Mixing Needs A 5 R.H. or L.H. R.H. or L.H. Opt. Opt. Opt. Opt. Wide Selection of Indicators Ladder Opt. Opt. Opt. Opt.	Horsepower Requirements			
Height in (mm) 31 (787) 31 (787) Width in (mm) 24 (610) 24 (610) Location R.H., L.H., or Both OPTIONS Vertical Mixer Screw (not included in basic unit) Dual Kicker Maximum No. of Knives+ Manual or Electric Door Control R.H. or L.H. Discharge Chute w/ or w/out Magnet Tub Mounted Magnet‡ Opt. Opt. Opt. Opt. Wide Selection of Indicators Ladder in (mm) 31 (787) 4 (610) R.H., L.H., or Both for Your Mixing Needs Dopt Sharing Needs Opt. Opt. Opt. Opt.	Hour Meter		Std.	Std.
Height in (mm) 31 (787) 31 (787) Width in (mm) 24 (610) 24 (610) Location R.H., L.H., or Both OPTIONS Vertical Mixer Screw (not included in basic unit) Dual Kicker Maximum No. of Knives+ Manual or Electric Door Control Discharge Chute w/ or w/out Magnet Tub Mounted Magnet‡ Opt. Opt. Wide Selection of Indicators Ladder in (mm) 31 (787) 4610) Choose One Type of Screw for Your Mixing Needs 5 R.H. or L.H. 5 Opt. Opt. Opt. Opt. Opt.	Scale System		3-Point	3-Point
Width in (mm) 24 (610) 24 (610) Location R.H., L.H., or Both OPTIONS Vertical Mixer Screw (not included in basic unit) Dual Kicker Maximum No. of Knives+ Manual or Electric Door Control Discharge Chute w/ or w/out Magnet Tub Mounted Magnet‡ Opt. Opt. Opt. Wide Selection of Indicators Ladder Opt. Opt. Opt. Opt. Opt. Opt.	DOOR OPENINGS			
Location R.H., L.H., or Both OPTIONS Vertical Mixer Screw (not included in basic unit) Dual Kicker Maximum No. of Knives+ Manual or Electric Door Control Discharge Chute w/ or w/out Magnet Tub Mounted Magnet‡ Opt. Opt. Opt. Opt. Opt. Wide Selection of Indicators Ladder R.H., L.H., or Both Choose One Type of Screw for Your Mixing Needs Far. H. or Your Mixing Needs Opt.	Height	in (mm)	31 (787)	31 (787)
OPTIONS Choose One Type of Screw for Your Mixing Needs (not included in basic unit) Dual Kicker for Your Mixing Needs Maximum No. of Knives+ 4 5 Manual or Electric Door Control R.H. or L.H. R.H. or L.H. Discharge Chute w/ or w/out Magnet Opt. Opt. Tub Mounted Magnet‡ Opt. Opt. Wide Selection of Indicators dinamica generale®, Weigh-Tronix®, & Digi-Star® Ladder Opt. Opt.	Width	in (mm)	24 (610)	24 (610)
Vertical Mixer Screw (not included in basic unit) Dual Kicker Maximum No. of Knives+ Manual or Electric Door Control Discharge Chute w/ or w/out Magnet Tub Mounted Magnet‡ Did Choose One Type of Screw for Your Mixing Needs 8. H. or Your Mixing Needs Parallel Screw for Your Mixing Needs 9. Choose One Type of Screw for Your Mixing Needs 9. Choose One Typ	Location		R.H., L.H., or Both	
Manual or Electric Door ControlR.H. or L.H.R.H. or L.H.Discharge Chute w/ or w/out MagnetOpt.Opt.Tub Mounted Magnet‡Opt.Opt.Wide Selection of Indicatorsdinamica generale®, Weigh-Tronix®, & Digi-Star®LadderOpt.Opt.	Vertical Mixer Screw (not included in basic unit)			
Discharge Chute w/ or w/out Magnet Tub Mounted Magnet‡ Opt. Opt. Opt. Opt. Opt. Under Selection of Indicators Ladder Opt.	Maximum No. of Knives+		4	5
w/out Magnet Opt. Opt. Tub Mounted Magnet‡ Opt. Opt. Wide Selection of Indicators dinamica generale®, Weigh-Tronix®, & Digi-Star® Ladder Opt. Opt.	Manual or Electric Door Control		R.H. or L.H.	R.H. or L.H.
Wide Selection of Indicators dinamica generale®, Weigh-Tronix®, & Digi-Star® Ladder Opt. Opt.			Opt.	Opt.
Ladder Opt. Opt.	Tub Mounted Magnet‡		Opt.	Opt.
	Wide Selection of Indicators		dinamica generale®, We	igh-Tronix®, & Digi-Star®
Destricted 2	Ladder		Opt.	Opt.
Restrictors 2 2	Restrictors		2	2

Options include:

DIG IN with the RAPTOR™*!



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

> **Exclusive** to Patz

Encased in stainless steel, this magnet is only 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 A removed from magnet.

This mixer is designed to handle a variety of feedstuffs based on an estimated 25 lbs. per cubic foot. Do not exceed stated maximum load. Contact Patz for applications requiring heavier materials. Specifications and prices subject to change without notice.

‡ Quantity varies with material in ration and processing time.

+ Patent Pending.

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.

Watch online

