



LAIRD
MANUFACTURING

"We are the Exception not the Compromise."

**VERTICAL
STATIONARY MIXER**

**MECHANICAL
DRIVE SERIES**

Compact Body



"We are the Exception not the Compromise."

VERTICAL STATIONARY MIXER

Mechanical Drive Series

(Compact Body)

[TABLE OF CONTENTS]

STANDARD EQUIPMENT

VS-475T CUFT VERTICAL STATIONARY MIXER (TWIN SCREW, COMPACT BODY).....	2
---	----------

<i>DIAGRAM</i>	<i>2</i>
----------------------	----------

<i>STANDARD EQUIPMENT DETAILS.....</i>	<i>3</i>
--	----------

VS-555T CUFT VERTICAL STATIONARY MIXER (TWIN SCREW, COMPACT BODY).....	4
---	----------

<i>DIAGRAM</i>	<i>4</i>
----------------------	----------

<i>STANDARD EQUIPMENT DETAILS.....</i>	<i>5</i>
--	----------

OPTIONS	6
----------------------	----------

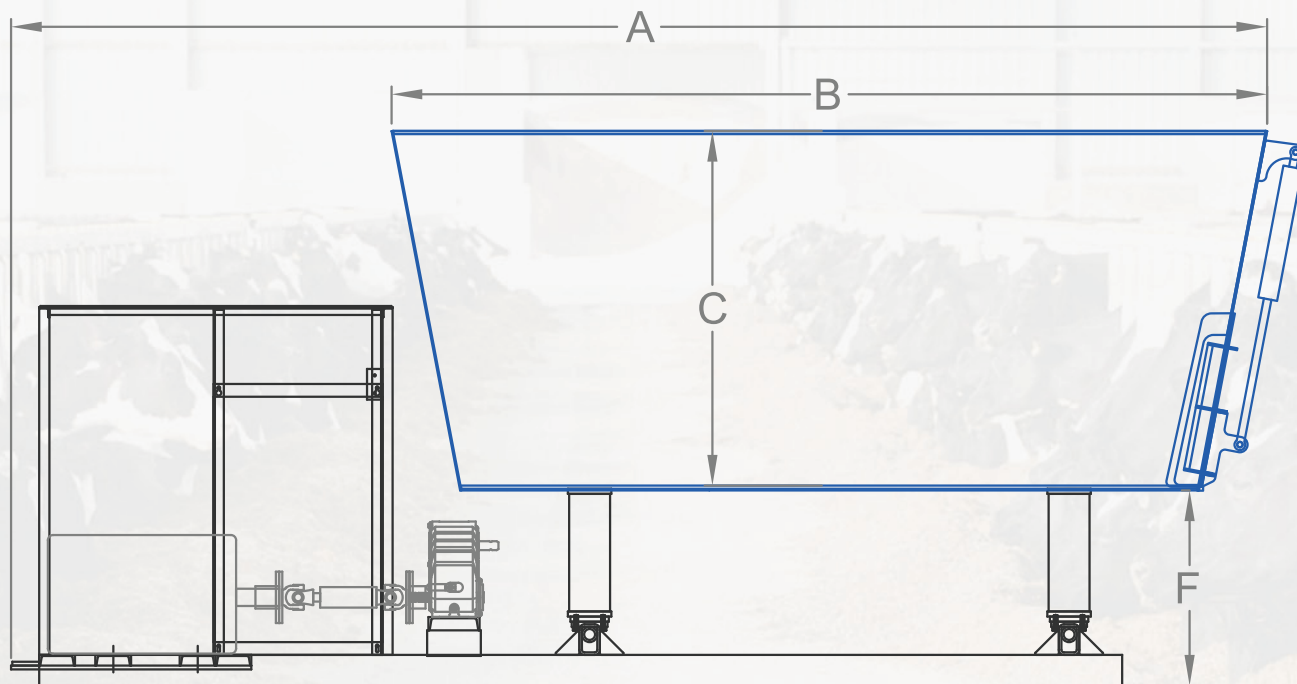
SPECIFICATION SHEET	8
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VS-475T CUFT VERTICAL STATIONARY MIXER

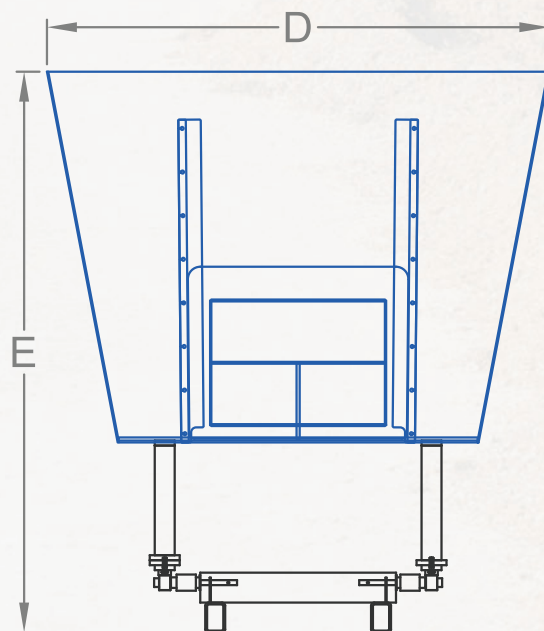
(TWIN-SCREW, COMPACT BODY)

[DIAGRAM]



UNIT SPECIFICATIONS

	NUMBER OF SCREWS	2
	VOLUME (CU.FT.)	490
	MAX LOAD @ 25LBS/CU.FT.	12250
	MIN. ELECTRIC MOTOR HP	125
A	OVERALL LENGTH	293"
B	MIXING CHAMBER LENGTH	171"
C	MIXING CHAMBER DEPTH	70"
D	OVERALL WIDTH	99"
E	OVERALL HEIGHT	C + F
F	FLOOR TO GROUND CLEARANCE	PER CUSTOMER NEEDS



VS-475T

VS-475T CUFT VERTICAL STATIONARY MIXER

(TWIN-SCREW, COMPACT BODY)

[STANDARD EQUIPMENT]

1. 490 CUFT Mixing Chamber (6 FT Side Wall) (70")
2. 5/8" Floor Thickness
3. 3mm Stainless steel liner on Floor
4. Two Vertical Augers with Stainless Steel on the Perimeter Stainless Steel Cap (3mm) on the first three feet of the leading edge
5. Two Heavy Duty Planetary Gear Boxes Integrated with 90 Degree Bevel Gear (Som PGA-1603)
6. 125 HP Two Speed Gearbox (High Gear for Cleaning Out all the Remaining Feed)
7. Large Door Located at the Rear of the Mixer
8. Slide Chute on Discharge Opening
9. Ladder for Viewing
10. PTO Shaft (1200 RPM)
11. Mounted on a Subframe Skid
12. Hydraulic Powerpack to Open/Close Discharge Door
13. 4 X 10,000 lb Capacity Load Bars with 1% accuracy
14. 18 X High Quality Tungsten Blades (2 Piece) or 18 Busatis Blades
15. Painted White with Blue Trim
16. 2 Counter Knives
17. 125 HP Electric Motor (1200 RPM) Complete with Soft Start, Disconnects and Enclosures
18. Battery with Enclosure

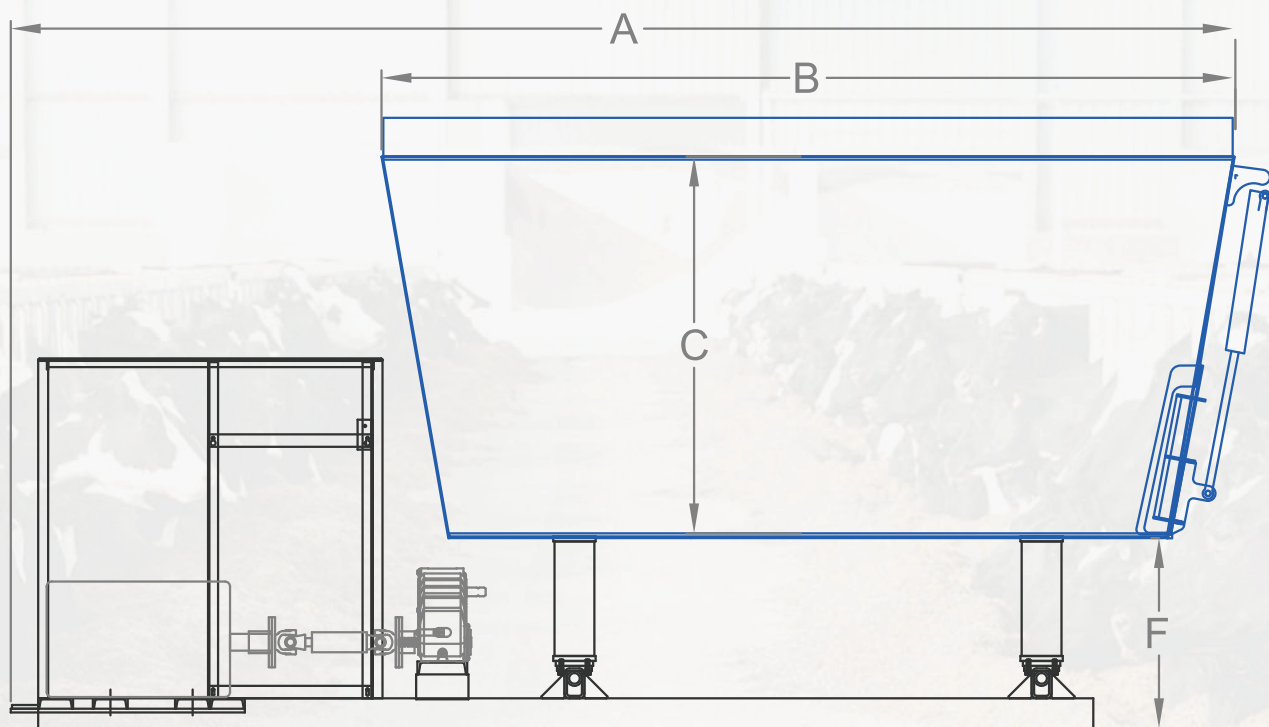


VS-475T

VS-555T CUFT VERTICAL STATIONARY MIXER

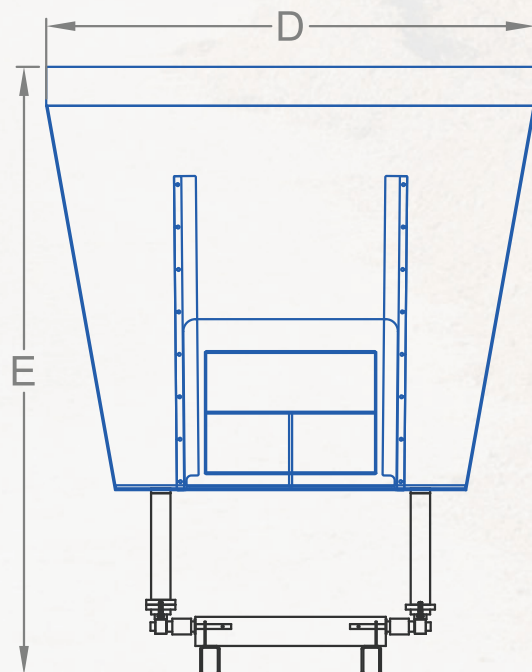
(TWIN-SCREW, COMPACT BODY)

[DIAGRAM]



UNIT SPECIFICATIONS

	NUMBER OF SCREWS	2
	VOLUME (CU.FT.)	631
	MAX LOAD @ 25LBS/CU.FT.	15775
	MIN. ELECTRIC MOTOR HP	125
A	OVERALL LENGTH	295"
B	MIXING CHAMBER LENGTH	175"
C	MIXING CHAMBER DEPTH	80"
D	OVERALL WIDTH	103"
E	OVERALL HEIGHT	C + F
F	FLOOR TO GROUND CLEARANCE	PER CUSTOMER NEEDS



VS-555T

VS-555T CUFT VERTICAL STATIONARY MIXER

(TWIN-SCREW, COMPACT BODY)

[STANDARD EQUIPMENT]

1. 555 CUFT Mixing Chamber (6 FT Side Wall) (80")
2. 5/8" Floor Thickness
3. 3mm Stainless steel liner on Floor
4. Two Vertical Augers with Stainless Steel on the Perimeter Stainless Steel Cap (3mm) on the first three feet of the leading edge
5. Two Heavy Duty Planetary Gear Boxes Integrated with 90 Degree Bevel Gear (Som PGA-1603)
6. 125 HP Two Speed Gearbox (High Gear for Cleaning Out all the Remaining Feed)
7. Large Door Located at the Rear of the Mixer
8. Slide Chute on Discharge Opening
9. Ladder for Viewing
10. PTO Shaft (1200 RPM)
11. Mounted on a Subframe Skid
12. Hydraulic Powerpack to Open/Close Discharge Door
13. 4 X 10,000 lb Capacity Load Bars with 1% accuracy
14. 18 X High Quality Tungsten Blades (2 Piece) or 18 Busatis Blades
15. Painted White with Blue Trim
16. 2 Counter Knives
17. 125 HP Electric Motor (1200 RPM) Complete with Soft Start, Disconnects and Enclosures
18. Battery with Enclosure



VERTICAL STATIONARY MIXER

Mechanical Drive Series

[OPTIONS: STATIONARY VERTICAL (VS) MIXERS]

1. Floor Thickness Upgrade - $\frac{3}{4}$ " to 1" - Single Auger (Wide Body)
 - $\frac{5}{8}$ " to $\frac{3}{4}$ " - Twin Auger (Compact Body)
 - $\frac{3}{4}$ " to 1" - Twin Auger (Narrow Body)
 - $\frac{3}{4}$ " to 1" - Twin Auger (Wide Body)
 - $\frac{3}{4}$ " to 1" - Triple Auger (Narrow Body)
 - $\frac{3}{4}$ " to 1" - Triple Auger (Wide Body)
2. Upgrade of Stainless Steel on floor (3mm to 5mm):
 Single Screw (Narrow Body) Twin Screw (Compact Body) Triple Screw (Wide Body)
 Single Screw (Wide Body) Twin Screw (Narrow Body) Triple Screw (Narrow Body)
 Single Screw (Extra Wide Body) Twin Screw (Wide Body)
3. 8" Belting Extension: **Single Screws**
 Twin Screws
 Triple Screws
4. 8" Cut Out Option (Per Side)
5. Steel Extension (1/4" Material)
6. Rear Door for Premix Standard (50" x 32.5")
7. Extra Large Rear Door (60" x 32 1/2")
 Side Door and Slide Chute (Per Door)
8. Extra Kicker (Per Auger)
9. Scale Installation
10. 2-Speed Shifting Cable
11. Electric Shifting Option on 2-Speed Gear Box
12. Stainless Steel Sides(2mm): Stainless Steel Sides(2.5mm): Stainless Steel Sides(3.0mm):
 VS-555S VS-555 VS-555
 VS-600S VS-600 VS-600
 VS-475T VS-475T VS-475T
 VS-555T VS-555T VS-555T
 VS-675 VS-675 VS-675
 VS-750S VS-750S VS-750S
 VS-750 VS-750 VS-750
 VS-800 VS-800 VS-800
 VS-1000(NARROW) VS-1000(NARROW) VS-1000(NARROW)
 VS-1000(WIDE) VS-1000(WIDE) VS-1000(WIDE)
 VS-1200 VS-1200 VS-1200
 VS-1400 VS-1400 VS-1400
 VS-1600 VS-1600 VS-1600
 VS-1800 VS-1800 VS-1800
13. Non-Standard Paint Color
 Custom-made Decal
14. Magnets on Slide Chute
15. Battery (with Enclosure)

VERTICAL STATIONARY MIXER

Mechanical Drive Series

[OPTIONS CONT: STATIONARY VERTICAL (VS) MIXERS]

16. Viewing Platform
 17. 6" of Stainless Steel (3mm) Lining on each Auger
6" of Stainless Steel (5mm) Lining on each Auger
 18. Complete Stainless Steel (3mm) Lining on each Auger
Complete Stainless Steel (5mm) Lining on each Auger
 19. Upgrade to Bent Axis drive-per Auger
 20. Wireless Option:
Wireless Functions: Only Available on Fully Hydrostatic Models with Plus One Includes:
 - Mixer 1 / Mixer 2 Diverter Switch
 - Power On / Power Off Switch
 - Auger On/Off Switch
 - Door Open / Close Button
 - High Speed Button
 - Conveyor Button
 - Timer Button
 - Hot Oil Light / Status Light
 - High Speed Light / Conveyor Light
 - Door Up Light / Door Down Light
 - Mixer 1 Light / Mixer 2 Light
 - Emergency Shut Off Button
- T2 Controller with Receivers (Can Control 1 or 2 Mixers)
- a) 1 Mixer Scenario
 - b) 2 Mixer Scenario
 - c) Additional T2 Controllers (2nd, 3rd, and 4th Unit)
 - d) T2 Controller Change Fee
 - e) Prototype Fee for New Control System
 - f) Customization Fee for Software Changes on Plus One



VERTICAL STATIONARY MIXER

Mechanical Drive Series

[SPECIFICATION SHEET: VERTICAL STATIONARY MIXERS]

Customer Name: _____ Company Name: _____

Date: _____ Model: _____

Options		Yes	Price
BASE PRICE			
1	Floor Thickness Upgrade from <u> </u> 3/4" to 1" <u> </u> 5/8" to 3/4"		
2	Stainless Steel Floor Upgrade from 3mm to 5mm <u> </u> 88" <u> </u> 96" <u> </u> 104"		
3	8" Belting Extension: <u> </u> Single Screws <u> </u> Twin Screws <u> </u> Triple Screws		
4	8" Cut-out Option (per side) <u> </u> LHS <u> </u> RHS <u> </u> Both Sides		
5	Steel Extension (1/4" Material)		
6	Rear Door for Premix <u> </u> Standard (50" x 32.5")		
7	Side-Door and Slide-Chute (Per Door) Front: <u> </u> LHS <u> </u> RHS Rear: <u> </u> LHS <u> </u> RHS		
8	Extra Kicker (Per Auger) <u> </u> Front <u> </u> Rear		
9	Scale Installation		
10	Stainless Steel Sides <u> </u> 2mm <u> </u> 2.5mm <u> </u> 3.0 mm		
11	Non-Standard Paint Color <u> </u> Custom Decals <u> </u>		
12	Magnets on Slide Chute		
13	Battery with Enclosure		
14	Viewing Platform		
15	6" of Stainless Steel Lining on each Auger <u> </u> 3mm <u> </u> 5mm		
16	Complete Stainless Steel Lining on each Auger <u> </u> 3mm <u> </u> 5mm		
17	Upgrade to Bent Axis Drive – Per Auger		
18	Wireless Option T2 Controller with Receivers (Can Control 1 or 2 Mixers) a) 1 Mixer Scenario b) 2 Mixer Scenario c) Additional T2 Controllers (2nd, 3rd, and 4th Unit) d) T2 Controller Change Fee e) Prototype Fee for New Control System f) Customization Fee for Software Changes on Plus One		
Scale System: Indicator <u> </u> Remote <u> </u> 2nd Remote <u> </u> Other Scale Options <u> </u>			
Blade Option: 2-piece <u> </u> Busatis <u> </u> Feedlot Backing Plate <u> </u>			
Credit For: <u> </u> No St Steel Liner on Floor			()
Comments:			

Every Laird Product Is *Custom Built* For You.



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