



# **LAIRD**

**MANUFACTURING**

*"We are the Exception not the Compromise."*

**VERTICAL  
TRAILER-MOUNT**

**DIRECT DRIVE  
SERIES** *Compact Body*





"We are the Exception not the Compromise."

# VERTICAL TRAILER-MOUNT Direct Drive Series (Compact Body)

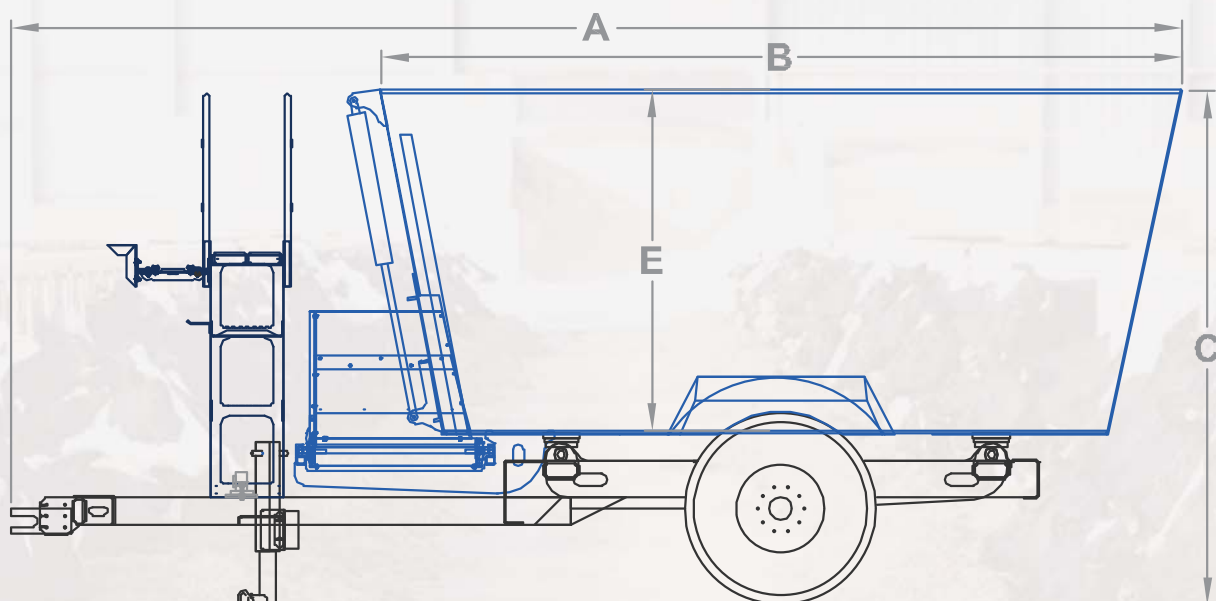
## [ TABLE OF CONTENTS ]

<b>VR-475TDD VERTICAL MIXER TRAILER-MOUNT (TWIN SCREW, COMPACT BODY) .....</b>	<b>2</b>
<i>DIAGRAM .....</i>	2
<i>STANDARD EQUIPMENT DETAILS .....</i>	3
<b>VR-555TDD VERTICAL MIXER TRAILER-MOUNT (TWIN SCREW, COMPACT BODY) .....</b>	<b>4</b>
<i>DIAGRAM .....</i>	4
<i>STANDARD EQUIPMENT DETAILS .....</i>	5
<b>OPTIONS .....</b>	<b>6</b>
<b>SPECIFICATION SHEET .....</b>	<b>8</b>



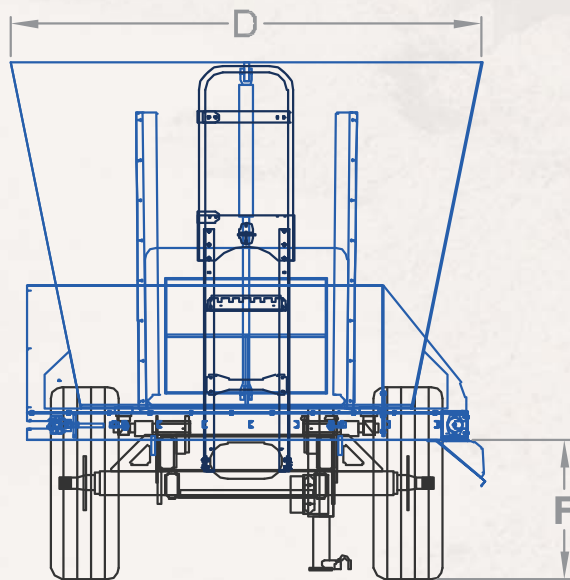
# VR-475TDD VERTICAL MIXER TRAILER-MOUNT (TWIN SCREW, COMPACT BODY)

## [ DIAGRAM ]



### UNIT SPECIFICATIONS

	NUMBER OF SCREWS	2
	VOLUME (CU.FT.)	490
	MAX LOAD @ 25LBS/CU.FT.	12250
A	OVERALL LENGTH	252.50"
B	MIXING CHAMBER LENGTH	171.00"
C	OVERALL HEIGHT	107.50"
D	OVERALL WIDTH	99.00"
E	CHAMBER DEPTH	70.00"
F	DISCHARGE CLEARANCE (STD. FLAT)	30.50"
	DISCHARGE CLEARANCE (DOGLEG)	38.50"
	PIVOT DISCHARGE @ MIN. CLEARANCE	34.50"
	DISCHARGE CLEARANCE (STD+CHUTE)	20.50"
	TRACTOR PTO MIN. HORSE POWER	100
	NUMBER OF AXLES	1



\* ALL HEIGHTS BASED ON 75R17.5 TIRES



# VR-475TDD VERTICAL MIXER TRAILER-MOUNT

(TWIN SCREW, COMPACT BODY)

## [ STANDARD EQUIPMENT ]

1. 490 CUFT Mixing Chamber (70" Side Wall )
2. 5/8" Floor Thickness
3. 3mm Stainless steel on floor
4. Two Heavy Duty Planetary Gear Boxes Integrated with a 90 Degree Bevel Gear
5. Two Vertical Augers with Stainless Steel on the Perimeter  
Stainless Steel Cap (3mm) on the First Three Feet of the Leading Edge
6. Hydraulically Operated Chain Discharge Conveyor in the Front that discharges to the Left Hand Side (Stainless Steel)
7. Adjustable Discharge Conveyor on 8 Bearings
8. PTO Shaft with a 5/16" shear-bolt (1000 RPM)
9. Blue Brute bearing mount with drive shaft to planetary gear
10. 2 X 385/65R-22.5 Tires on a Single Axle
11. Mechanical Jack
12. 4 X 10,000 lb Capacity Load Bars with 1% Accuracy
13. 10 High Quality Busatis Blades (5 per auger)
14. 4 Hydraulic Hoses
15. Painted White with Blue Trim
16. 2 Counter Knives
17. Ladder in rear

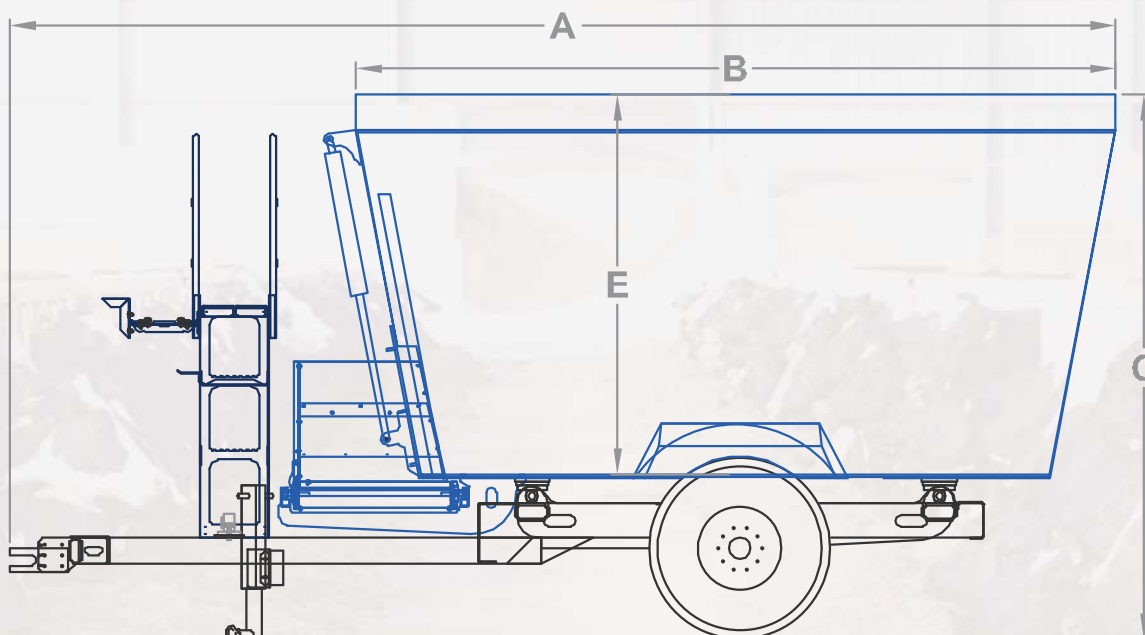


VR-475TDD



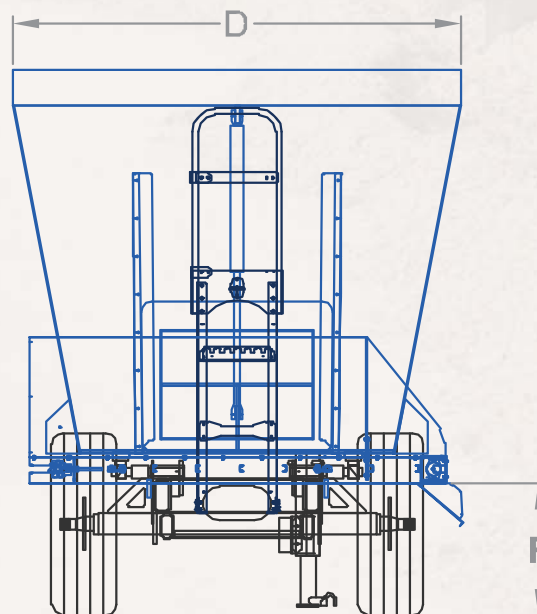
# VR-555TDD VERTICAL MIXER TRAILER-MOUNT (TWIN SCREW, COMPACT BODY)

## [ DIAGRAM ]



### UNIT SPECIFICATIONS

	NUMBER OF SCREWS	2
	VOLUME (CU.FT.)	631
	MAX LOAD @ 25LBS/CU.FT.	15775
A	OVERALL LENGTH	254.50"
B	MIXING CHAMBER LENGTH	175.00"
C	OVERALL HEIGHT	125.50"
D	OVERALL WIDTH	103.00"
E	CHAMBER DEPTH	80.00"
F	DISCHARGE CLEARANCE (STD. FLAT)	30.50"
	DISCHARGE CLEARANCE (DOGLEG)	38.50"
	PIVOT DISCHARGE @ MIN. CLEARANCE	34.50"
	DISCHARGE CLEARANCE (STD+CHUTE)	20.50"
	TRACTOR PTO MIN. HORSE POWER	100
	NUMBER OF AXLES	1



\* ALL HEIGHTS BASED ON 75R17.5 TIRES

VR-555TDD



# VR-555TDD VERTICAL MIXER TRAILER-MOUNT

(TWIN SCREW, COMPACT BODY)

## [ STANDARD EQUIPMENT ]

1. 555 CUFT Mixing Chamber (80" Side Wall )
2. 5/8" Floor Thickness
3. 3mm Stainless steel on floor
4. Two Heavy Duty Planetary Gear Boxes Integrated with a 90 Degree Bevel Gear
5. Two Vertical Augers with Stainless Steel on the Perimeter  
Stainless Steel Cap (3mm) on the First Three Feet of the Leading Edge
6. Hydraulically Operated Chain Discharge Conveyor in the Front that discharges to the Left Hand Side (Stainless Steel)
7. Adjustable Discharge Conveyor on 8 Bearings
8. PTO Shaft with a 5/16" shear-bolt (1000 RPM)
9. Blue Brute bearing mount with drive shaft to planetary gear
10. 2 X 385/65R-22.5 Tires on a Single Axle
11. Mechanical Jack
12. 4 X 10,000 lb Capacity Load Bars with 1% Accuracy
13. 10 High Quality Busatis Blades (5 per auger)
14. 4 Hydraulic Hoses
15. Painted White with Blue Trim
16. 2 Counter Knives
17. Ladder in rear



VR-555TDD



# VERTICAL TRAILER-MOUNT Direct Drive Series

## [ OPTIONS: ALL DIRECT DRIVE TRAILERS ]

1. Floor Thickness Upgrades:-Single Auger (Narrow Body) 3/4" to 1" floor  
 -5/8" floor to 3/4" floor(Compact Body)  
 -3/4" floor to 1" floor(Narrow Body)  
 -3/4" floor to 1" floor(Wide Body)
2. Up-Grade of Stainless Steel on Floor: Stainless Steel Floor (3mm to 5mm):  
 -Single Screws (Narrow Body) -Twin Screws (Wide Body)  
 -Single Screws (Wide Body) -Twin Screws (Extra Wide Body)  
 -Twin Screws (Compact Body)  
 -Twin Screws (Narrow Body)
3. 8" Belting Extension: SINGLE SCREW  
 TWIN SCREW
4. 8" Cut Out Option (Per Side)
5. 12" Steel Extension (1/4" Material)  
 20" Steel Extension (1/4" Material)
6. Rear Door for Premix (50" Wide x 32.5" High)  
 Extra Large Rear Door (60" Wide x 32.5" High)
7. Side Door and Slide Chute (Per Door)
8. Extra Kicker (Per Auger) (Recommended when using no Discharge Conveyor)
9. Scale Installation
10. Power Cord
11. Stainless Steel Sides(2mm):      Stainless Steel Sides(2.5mm):      Stainless Steel Sides (3.0mm):  
 VR-555DD      VR-555DD      VR-555DD  
 VR-475TDD      VR-475TDD      VR-475TDD  
 VR-555TDD      VR-555TDD      VR-555TDD  
 VR-675DD      VR-675DD      VR-675DD  
 VR-750DD      VR-750DD      VR-750DD  
 VR-800DD      VR-800DD      VR-800DD  
 VR-900DD      VR-900DD      VR-900DD  
 VR-1000DD (N)      VR-1000DD (N)      VR-1000DD (N)  
 VR-1000DD (W)      VR-1000DD (W)      VR-1000DD (W)  
 VR-1200DD      VR-1200DD      VR-1200DD  
 VR-1400DD      VR-1400DD      VR-1400DD  
 VR-1500DDXL      VR-1500DDXL      VR-1500DDXL
12. Rear Light and Feeding Light
13. Light Package built into Rear Bumper (LED)
14. Non-Standard Paint Color, Custom-made Decals
15. Door Indicator Gauge: (For One Door)  
 Additional Doors (each)
16. Telescopic Discharge (Hydraulic)



# VERTICAL TRAILER-MOUNT Direct Drive Series

## [ OPTIONS CONT: ALL DIRECT DRIVE TRAILERS ]

17. Tilting Discharge (Hydraulic) (36")  
Tilting Discharge (Hydraulic) (42")
18. Magnets on Slide Chute
19. Battery (with Enclosure)
20. Viewing Platform
21. Discharge Incline Option
22. Discharge Extension Option (6 inch)  
Discharge Extension Option (12 inch)  
Discharge Extension Option(18 inch)
23. Extra Discharge Motor for Right Hand Side
24. Tandem Axles and Spring Suspension (Up-grade)
25. Heavy Duty Single Point Suspension (Up-Grade)
26. Upgrade from Standard Tandem Axles to Single Point Suspension
27. Tri-Dem Axles (3 Axles) 2 Steering/One Fixed with Brakes (Up-Grade)
28. 6" of Stainless Steel Lining on each Auger(3mm)  
6" of Stainless Steel Lining on each Auger(5mm)
29. Complete Stainless Steel (3mm) Lining on each Auger  
Complete Stainless Steel (5mm) Lining on each Auger
30. Feedlot Style Folding Spout
31. 3 position drop chute (steel+ rubber)
32. Stationary drop chute (no magnets)
33. Dogleg Discharge Conveyor (79"+30")  
Dogleg Discharge Conveyor (90"+30")
34. UHMW Plastic Rails on Discharge with overhead support brackets (Requires Option 16)
35. C2082H Roller Chain (Up-Charge)
36. Up-Grade from 17.5 Tires to 22.5 Tires (Per Axle)
37. Swing gate for dual sided discharge conveyor
38. Constant velocity pto shaft with shearbolt protection
39. ZDB Auto-shift transmission (for easier start-up torque) Part #60019960  
Includes cooler, rpm sensor and wireless controller for clutch protection.
40. Discharge Overhead support brackets





# VERTICAL TRAILER-MOUNT Direct Drive Series

## [ SPECIFICATION SHEET-COMPACT BODY ]

Customer Name: \_\_\_\_\_ Company Name: \_\_\_\_\_

Date: \_\_\_\_\_ Model: \_\_\_\_\_

Options for all Direct Drive Trailers		Yes	Price
<b>BASE PRICE</b>			
1	Upgrade Floor Thickness: Single Auger: ____ 3/4" - 1" Twin: ____ 5/8" - 3/4" ____ 3/4" - 1"		
2	Stainless Steel Floor Upgrade from 3mm to 5mm		
3	8" Belting Extension ____ Single Screw ____ Twin Screw		
4	8" Cut-out Option (per side) ____ LHS ____ RHS ____ Both Sides		
5	Steel Extension (1/4" material) ____ 12" ____ 20" ____ Other		
6	Rear Door for Premix ____ Standard (50" W x 32.5" H) ____ Ex Large (60"W x 32.5"H)		
7	Side-Door and Slide-Chute (Per Door) Front: ____ LHS ____ RHS Rear: ____ LHS ____ RHS		
8	Extra Kicker (Per Auger) ____ Front ____ Rear		
9	Scale Installation		
10	Power Cord		
11	Stainless Steel Sides ____ 2mm ____ 2.5mm ____ 3.0 mm		
12	Rear Light and Feeding Light		
13	Light package built-into rear bumper (LED)		
14	Non-Standard Paint Color ____ Custom Decals ____		
15	Door Indicator Gauge: ____ One Door ____ Additional Doors		
16	Telescopic Discharge (Hydraulic)		
17	Tilting Discharge ____ Hydraulic 36" ____ Hydraulic 42"		
18	Magnets on Slide Chute		
19	Battery with Enclosure		
20	Viewing Platform		
21	Discharge Incline Option		
22	Discharge Extension Option: ____ 6" ____ 12" ____ 18"		
23	Extra Discharge Motor for Right-hand side		
24	Tandem Axles and Spring Suspension		
25	Heavy-duty Single-Point Suspension (Up-Grade)		
26	Upgrade from Standard Tandem Axles to Single-Point Suspension		
27	Tri-Dem Axles (3) Axles Two Steering – One fixed with brakes		
28	6" of Stainless Steel Lining on each Auger ____ 3mm ____ 5mm		
29	Complete Stainless Steel Lining on each Auger ____ 3mm ____ 5mm		
30	Feedlot-Style Folding Spout		
31	3-position drop chute (Steel + rubber)		
32	Stationary drop chute (No magnets)		
33	Dogleg Discharge Conveyor ____ (79" + 30") ____ (90" + 30")		
34	UHMW Plastic Rails on Discharge w/overhead support brackets-Requires Option 16		
35	C2082H Roller Chain (Up-Charge)		
36	Up-Grade from 17.5" tires to 22.5" Tires (Per Axle)		
37	Swing Gate for dual-sided discharge conveyor		
38	Constant Velocity (CV) PTO		
39	ZDB Auto-shift transmission Part #60019960		
40	Discharge Overhead Support Brackets		
Scale System: Indicator ____ Remote ____ 2nd Remote ____ Other ____			
Hitch Pin: ____ Single Lip ____ Double Lip ____ Pin Size ____			
PTO Specs – 1 3/8" ____ 1 3/4" ____ 540 ____ 1000 ____			
Blade Option: 2-piece ____ Busatis ____ Feedlot Backing Plate ____			
<b>Credit For:</b> ____ No Discharge Conveyor ____ No Front Door ____ No St Steel Liner on Floor			( _____ )



# Every Laird Product Is *Custom Built* For You.



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