



LAIRD

MANUFACTURING

"We are the Exception not the Compromise."

**VERTICAL
TRAILER-MOUNT**

**DIRECT DRIVE
SERIES** *Extra Wide Body*



"We are the Exception not the Compromise."

VERTICAL TRAILER-MOUNT Direct Drive Series (Extra Wide Body)

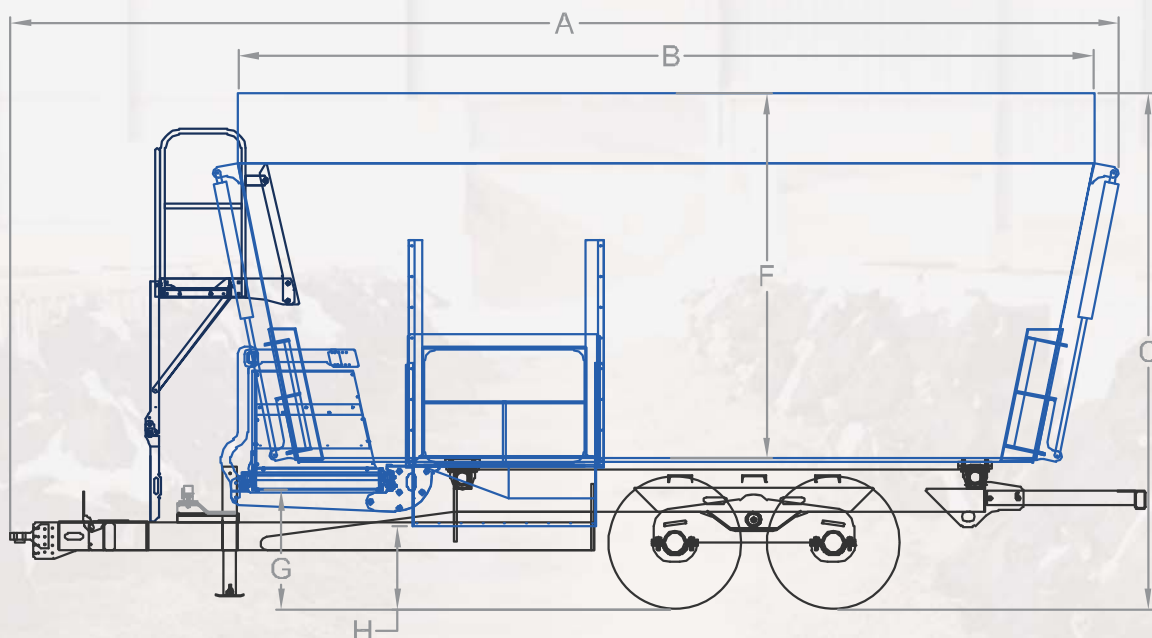
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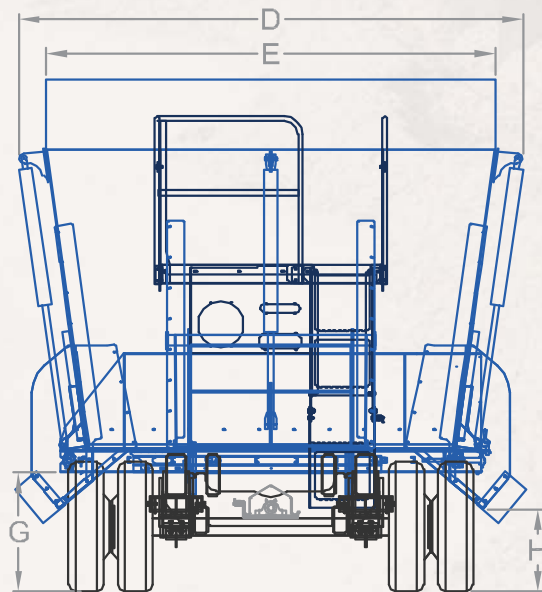
VR-1500DD VERTICAL MIXER TRAILER-MOUNT (TWIN SCREW, EXTRA WIDE BODY)

[DIAGRAM]



UNIT SPECIFICATIONS

	NUMBER OF SCREWS	2
	VOLUME (CU.FT.)	1419
	MAX LOAD @ 25LBS/CU.FT.	35475
A	OVERALL LENGTH	315.00"
B	MIXING CHAMBER LENGTH	244.00"
C	OVERALL HEIGHT	147.00"
D	OVERALL WIDTH	143.00"
E	CHAMBER WIDTH	128.00"
F	CHAMBER DEPTH	104.00"
G	DISCHARGE CLEARANCE (STD. FLAT)	34.00"
	DISCHARGE CLEARANCE (DOGLEG)	42.00"
	PIVOT DISCHARGE @ MIN. CLEARANCE	31.00"
	DISCHARGE CLEARANCE (STD+CHUTE)	24.50"
H	SIDE DOOR CHUTE CLEARANCE	24"
	TRACTOR PTO MIN. HORSE POWER	150
	NUMBER OF AXLES	2



* ALL HEIGHTS BASED ON 75R22.5 TIRES

VR-1500DD

VR-1500DD VERTICAL MIXER TRAILER-MOUNT

(TWIN SCREW, EXTRA WIDE BODY)

[STANDARD EQUIPMENT]

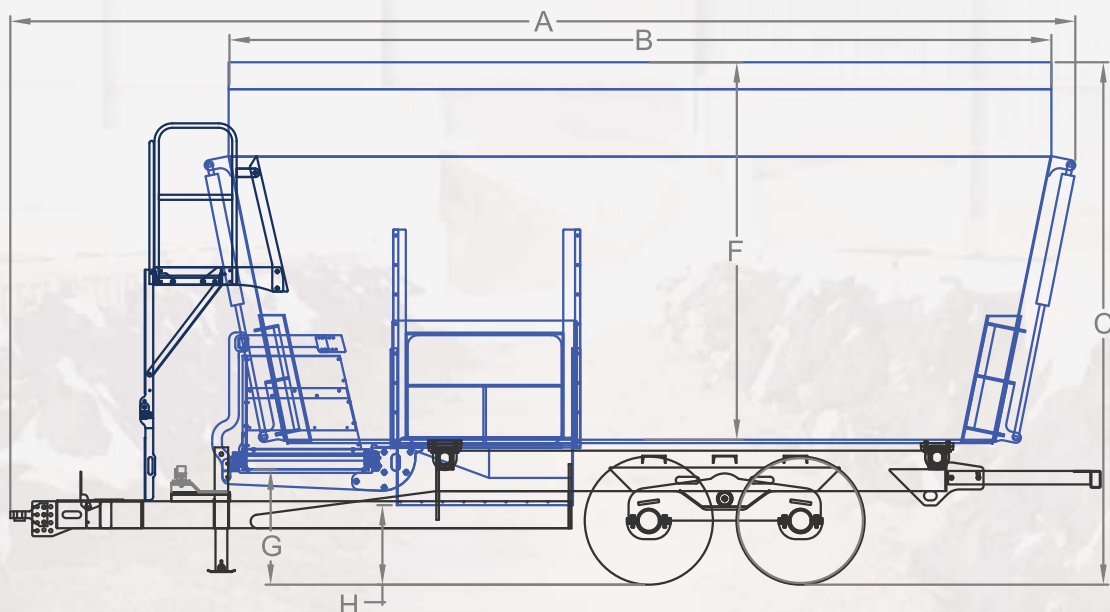
1. 1500 CUFT Mixing Chamber (7FT Side Wall Plus 12" Steel extension Plus 8" belt extension)
2. 1" Floor Thickness
3. Stainless Steel Liner on Floor (3mm)
4. Two Vertical Augers with Stainless Steel on the Perimeter Stainless Steel Cap (3mm) on the First Three Feet of the Leading Edge
5. Two Heavy Duty Planetary Gear Boxes with 90 Degree Bevel Gear
6. Hydraulically Operated Chain Discharge Conveyor in the Front that discharges to the Left Hand Side 35" Wide (Stainless Steel)
7. PTO Shaft with a 3/8" shear-bolt (1000 RPM)
8. Blue Brute bearing mount with drive shaft to planetary gear
9. 4 Hydraulic Hoses
10. Ladder and Rear Bumper
11. 8 X 275/70 R/22.5 Tires on a Dual Axle with a Solid Walking Beam Suspension
12. Mechanical Jack
13. 4 X 30,000 lb Capacity CT Cells with 0.1% Accuracy
14. 10 X High Quality Busatis Blades(5 per auger)
15. Painted White with Blue Trim
16. Two counter knives



VR-1500DD

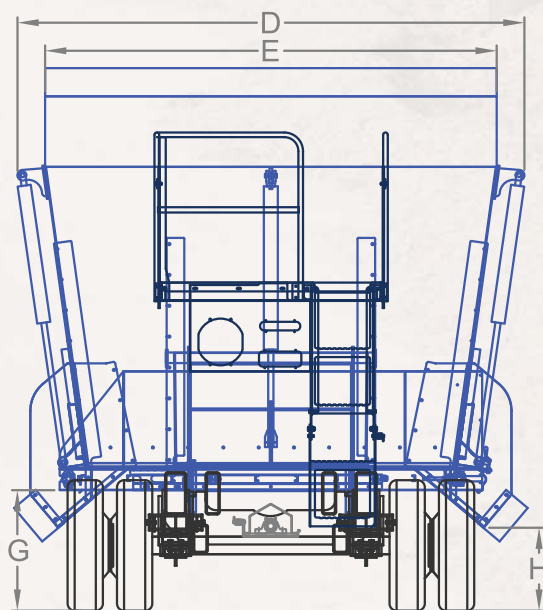
VR-1600DD VERTICAL MIXER TRAILER-MOUNT (TWIN SCREW, EXTRA WIDE BODY)

[DIAGRAM]



UNIT SPECIFICATIONS

	NUMBER OF SCREWS	2
	VOLUME (CU.FT.)	1541
	MAX LOAD @ 25LBS/CU.FT.	38525
A	OVERALL LENGTH	315.00"
B	MIXING CHAMBER LENGTH	244.00"
C	OVERALL HEIGHT	155.00"
D	OVERALL WIDTH	143.00"
E	CHAMBER WIDTH	128.00"
F	CHAMBER DEPTH	112.00"
G	DISCHARGE CLEARANCE (STD. FLAT)	34.00"
	DISCHARGE CLEARANCE (DOGLEG)	42.00"
	PIVOT DISCHARGE @ MIN. CLEARANCE	31.00"
	DISCHARGE CLEARANCE (STD+CHUTE)	24.50"
H	SIDE DOOR CHUTE CLEARANCE	24"
	TRACTOR PTO MIN. HORSE POWER	150
	NUMBER OF AXLES	2



* ALL HEIGHTS BASED ON 75R22.5 TIRES

VR-1600DD

VR-1600DD VERTICAL MIXER TRAILER-MOUNT

(TWIN SCREW, EXTRA WIDE BODY)

[STANDARD EQUIPMENT]

1. 1600 CUFT Mixing Chamber (7FT Side Wall Plus 20" Steel Extension Plus 8" Belt Extension)
2. 1" Floor Thickness
3. Stainless Steel Liner on Floor (3mm)
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 with 90 Degree Bevel Gear
6. Hydraulically Operated Chain Discharge Conveyor in the Front that discharges to the Left Hand Side 35" Wide (Stainless Steel)
7. PTO Shaft with a 3/8" shear-bolt (1000 RPM)
8. Blue Brute bearing mount with drive shaft to planetary gear
9. 4 Hydraulic Hoses
10. Ladder and Rear Bumper
11. 8 X 275/70 R/22.5 Tires on a Dual Axle with a Solid Walking Beam Suspension
12. Mechanical Jack
13. 4 X 30,000 lb Capacity CT Cells with 0.1% Accuracy
14. 10 X High Quality Busatis Blades(5 per auger)
15. Painted White with Blue Trim
16. Two counter knives



VR-1600DD

VERTICAL TRAILER-MOUNT Direct Drive Series

[OPTIONS: ALL DIRECT DRIVE TRAILERS]

1. Floor Thickness Upgrades:-Single Auger (Narrow Body) ¾" to 1" floor
 -5/8" floor to ¾" floor(Compact Body)
 -¾" floor to 1" floor(Narrow Body)
 -¾" 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
 VR-1600DDXL VR-1600DDXL VR-1600DDXL
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)

VERTICAL TRAILER-MOUNT Direct Drive Series

[OPTIONS CONT: ALL DIRECT DRIVE TRAILERS]

16. Telescopic Discharge (Hydraulic)
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-EXTRA WIDE BODY]

Customer Name: _____ Company Name: _____

Date: _____ Model: _____

Options for all Direct Drive Trailers		Yes	Price
BASE PRICE			
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 ____			
Credit For: ____ No Discharge Conveyor ____ No Front Door ____ No St Steel Liner on Floor			(_____)

Every Laird Product Is *Custom Built* For You.



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