



# **LAIRD**

## **MANUFACTURING**

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

**LAIRD FILLER**  
V-Cat Sand Freestall Filler



## [ TABLE OF CONTENTS ]

### TRAILER MOUNTED

<b>VC-1005SP SAND FILLER [ TRAILER-MOUNT ]</b> .....	<b>3</b>
<i>DIAGRAM</i> .....	3
<i>STANDARD EQUIPMENT DETAILS</i> .....	4
<b>VC-1205SP SAND FILLER [ TRAILER-MOUNT ]</b> .....	<b>5</b>
<i>DIAGRAM</i> .....	5
<i>STANDARD EQUIPMENT DETAILS</i> .....	6
<b>VC-1405SP SAND FILLER [ TRAILER-MOUNT ]</b> .....	<b>7</b>
<i>DIAGRAM</i> .....	7
<i>STANDARD EQUIPMENT DETAILS</i> .....	8
<b>VC-1605SP SAND FILLER (TANDEM AXLE) [ TRAILER-MOUNT ]</b> .....	<b>9</b>
<i>DIAGRAM</i> .....	9
<i>STANDARD EQUIPMENT DETAILS</i> .....	10
<b>VC-1805SP SAND FILLER (TANDEM AXLE) [ TRAILER-MOUNT ]</b> .....	<b>11</b>
<i>DIAGRAM</i> .....	11
<i>STANDARD EQUIPMENT DETAILS</i> .....	12

### TRUCK MOUNTED

<b>VC-1205TM SAND FILLER [ TRUCK-MOUNT ]</b> .....	<b>13</b>
<i>DIAGRAM</i> .....	13
<i>STANDARD EQUIPMENT DETAILS</i> .....	14
<b>VC-1405TM SAND FILLER [ TRUCK-MOUNT ]</b> .....	<b>15</b>
<i>DIAGRAM</i> .....	15
<i>STANDARD EQUIPMENT DETAILS</i> .....	16
<b>VC-1605TM SAND FILLER [ TRUCK-MOUNT ]</b> .....	<b>17</b>
<i>DIAGRAM</i> .....	17
<i>STANDARD EQUIPMENT DETAILS</i> .....	18
<b>VC-1805TM SAND FILLER [ TRUCK-MOUNT ]</b> .....	<b>19</b>
<i>DIAGRAM</i> .....	19
<i>STANDARD EQUIPMENT DETAILS</i> .....	20



"We are the Exception not the Compromise."

# LAIRD FREESTALL FILLER V-Cat Sand Filler Series

## [ TABLE OF CONTENTS: CONT ]

<b>VC-2005TM SAND FILLER [ TRUCK-MOUNT ]</b> .....	<b>21</b>
<i>DIAGRAM</i> .....	21
<i>STANDARD EQUIPMENT DETAILS</i> .....	22
<b>VC-2205TM SAND FILLER [ TRUCK-MOUNT ]</b> .....	<b>23</b>
<i>DIAGRAM</i> .....	23
<i>STANDARD EQUIPMENT DETAILS</i> .....	24
<b>OPTIONS</b> .....	<b>25</b>
<b>SPECIFICATION SHEET</b> .....	<b>26</b>

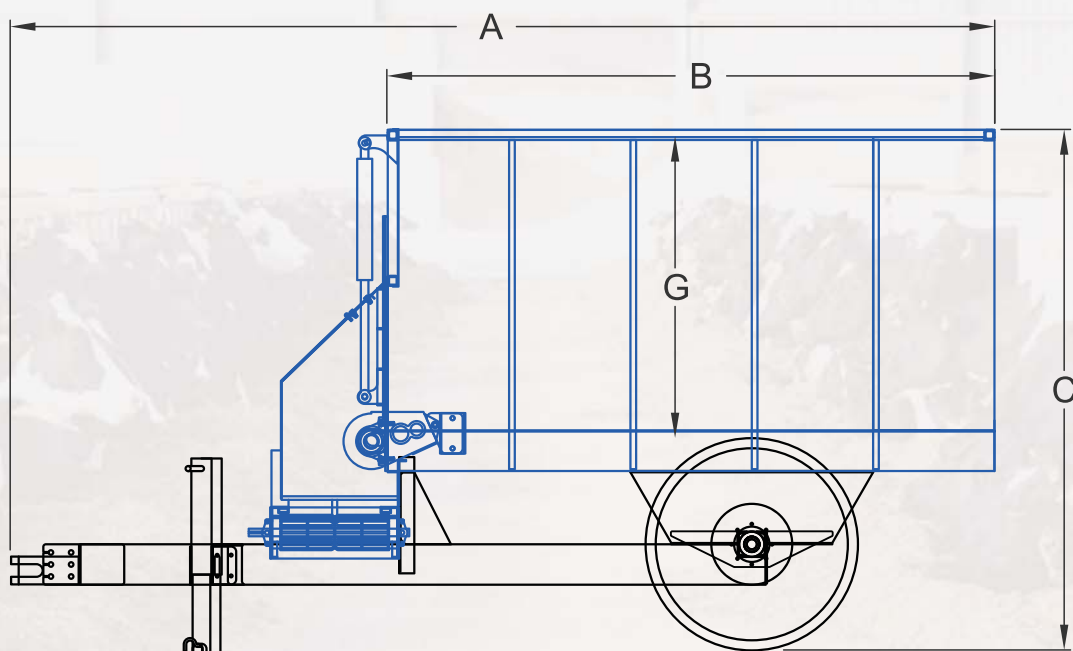




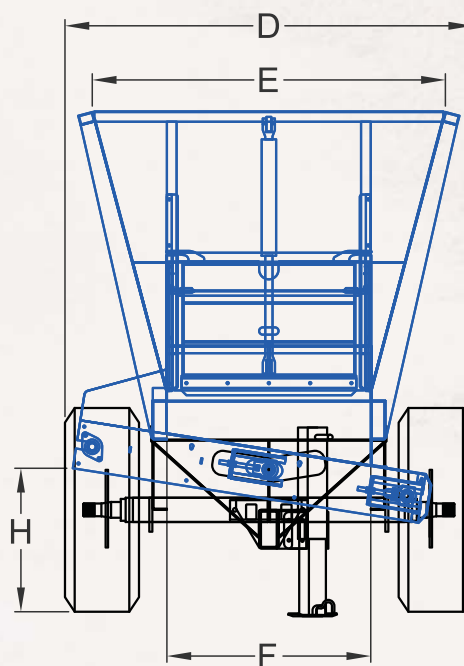
# VC-1005SP V-CAT SAND FILLER

[ TRAILER-MOUNT ]

## [ DIAGRAM ]



UNIT SPECIFICATIONS		
	NUMBER OF AXLES	1
	VOLUME (CU. YD.)	9.25
A	OVERALL LENGTH	195"
B	CHAMBER LENGTH	120"
C	OVERALL HEIGHT	103"
D	OVERALL WIDTH	84"
E	CHAMBER TOP WIDTH	72 <sup>3</sup> / <sub>4</sub> "
F	CHAMBER BOTTOM WIDTH	42"
G	CHAMBER DEPTH	60"
H	DISCHARGE CLEARANCE	29 <sup>1</sup> / <sub>2</sub> "



\* Single Axle With 385/65R22.5 Super Single Tires.

# VC-1005SP V-CAT SAND FILLER

[ TRAILER-MOUNT ]

## [ STANDARD EQUIPMENT ]

1. 21" Wide Belt Discharge
2. Discharge on Right Hand Side
3. Discharge Driven by Tractor PTO
4. Hydraulic Gear Box Driven Floor Chain Powered by Tractor
5. Manual Flow Control for Floor
6. Single Apron WR78 Big Barrel Floor Chain
7. Vertical Hydraulic Sand Door with Metering Gauge
8. Single Axle with (2) 385/65R X 22.5 Super Single Tires Without Suspension
9. 10,000 lb. Jack and Adjustable Hitch
10. Paint - White with Blue Trim



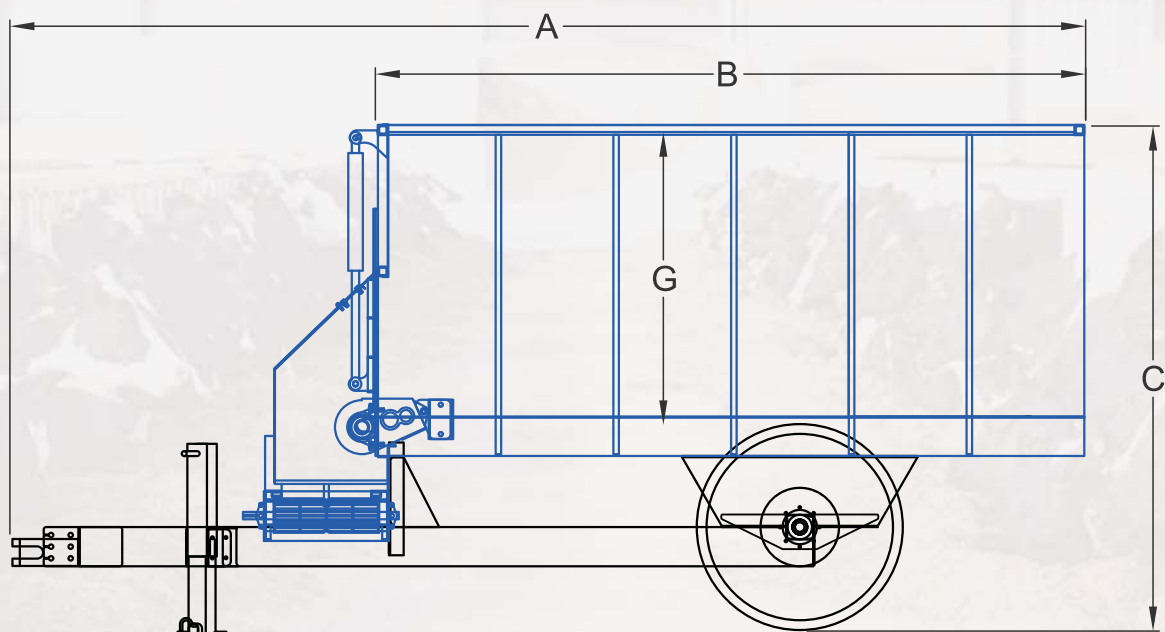
VC-1005SP



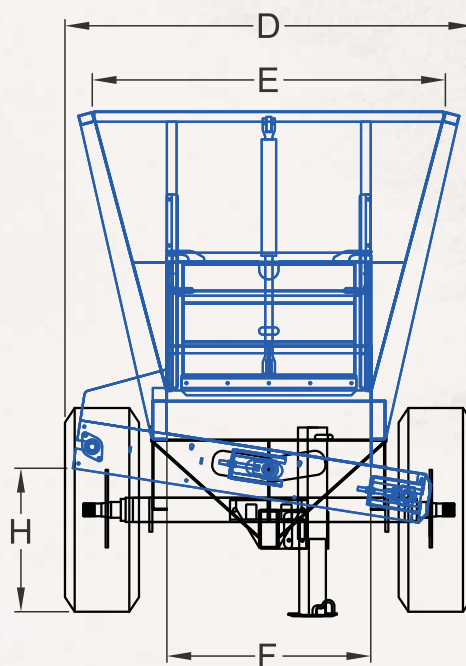
# VC-1205SP V-CAT SAND FILLER

[ TRAILER-MOUNT ]

## [ DIAGRAM ]



UNIT SPECIFICATIONS		
	NUMBER OF AXLES	1
	VOLUME (CU. YD.)	11.00
A	OVERALL LENGTH	219"
B	CHAMBER LENGTH	144"
C	OVERALL HEIGHT	103"
D	OVERALL WIDTH	84"
E	CHAMBER TOP WIDTH	72 <sup>3</sup> / <sub>4</sub> "
F	CHAMBER BOTTOM WIDTH	42"
G	CHAMBER DEPTH	60"
H	DISCHARGE CLEARANCE	29 <sup>1</sup> / <sub>2</sub> "



\* Single Axle With 385/65R22.5 Super Single Tires.

# VC-1205SP V-CAT SAND FILLER

[ TRAILER-MOUNT ]

## [ STANDARD EQUIPMENT ]

1. 21" Wide Belt Discharge
2. Discharge on Right Hand Side
3. Discharge Driven by Tractor PTO
4. Hydraulic Gear Box Driven Floor Chain Powered by Tractor
5. Manual Flow Control for Floor
6. Single Apron WR78 Big Barrel Floor Chain
7. Vertical Hydraulic Sand Door with Metering Gauge
8. Single Axle with (2) 385/65R X 22.5 Super Single Tires Without Suspension
9. 10,000 lb. Jack and Adjustable Hitch
10. Paint - White with Blue Trim



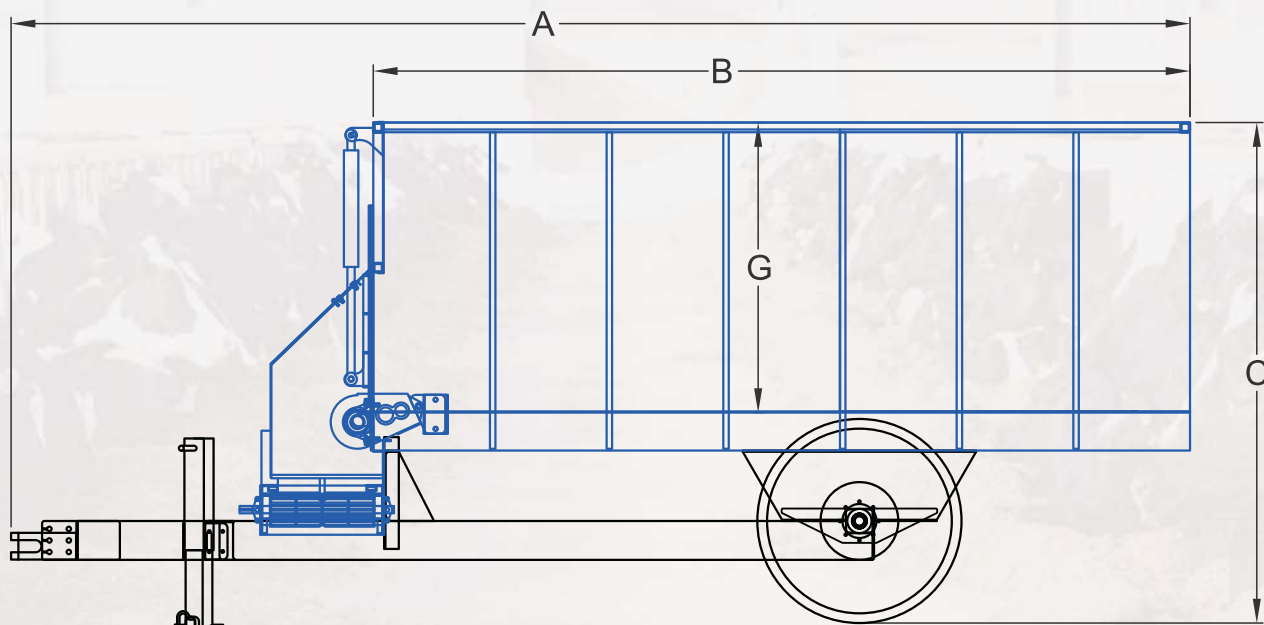
VC-1205SP



# VC-1405SP V-CAT SAND FILLER

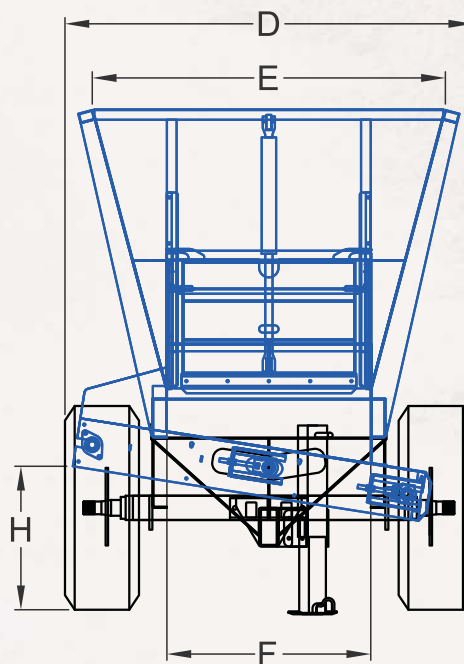
[ TRAILER-MOUNT ]

## [ DIAGRAM ]



UNIT SPECIFICATIONS		
	NUMBER OF AXLES	1
	VOLUME (CU. YD.)	15.50
A	OVERALL LENGTH	243"
B	CHAMBER LENGTH	168"
C	OVERALL HEIGHT	103"
D	OVERALL WIDTH	84"
E	CHAMBER TOP WIDTH	72 <sup>3</sup> / <sub>4</sub> "
F	CHAMBER BOTTOM WIDTH	42"
G	CHAMBER DEPTH	60"
H	DISCHARGE CLEARANCE	29 <sup>1</sup> / <sub>2</sub> "

\* Single Axle With 385/65R22.5 Super Single Tires.



VC-1405SP



# VC-1405SP V-CAT SAND FILLER

[ TRAILER-MOUNT ]

## [ STANDARD EQUIPMENT ]

1. 21" Wide Belt Discharge
2. Discharge on Right Hand Side
3. Discharge Driven by Tractor PTO
4. Hydraulic Gear Box Driven Floor Chain Powered by Tractor
5. Manual Flow Control for Floor
6. Single Apron WR78 Big Barrel Floor Chain
7. Vertical Hydraulic Sand Door with Metering Gauge
8. Single Axle with (2) 385/65R X 22.5 Super Single Tires Without Suspension
9. 10,000 lb. Jack and Adjustable Hitch
10. Paint - White with Blue Trim

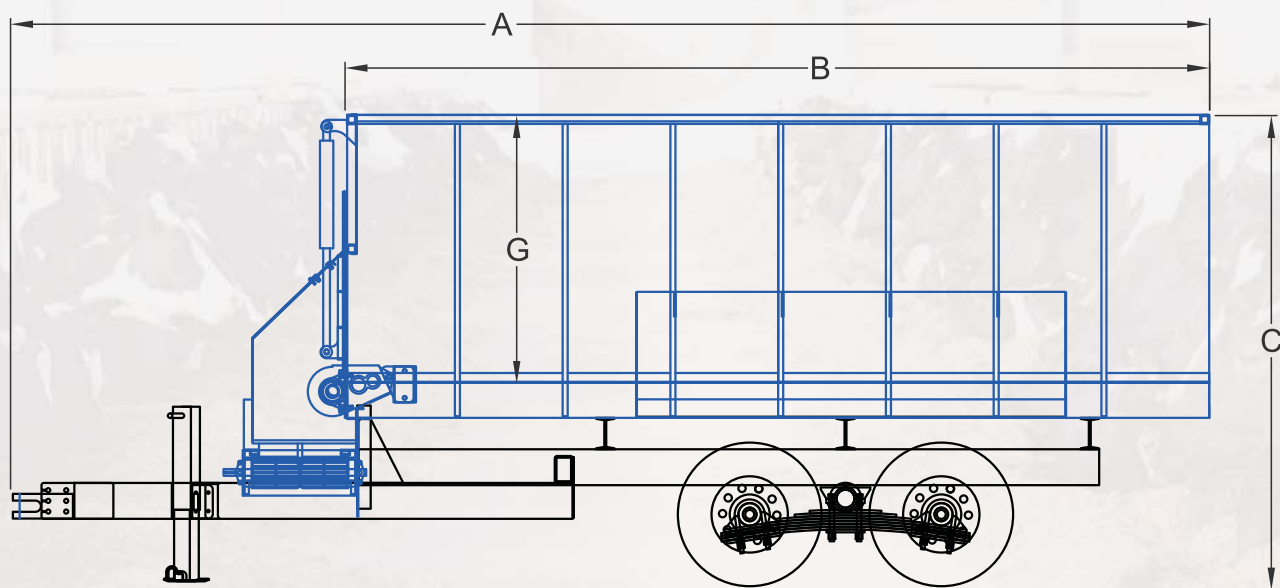


VC-1405SP

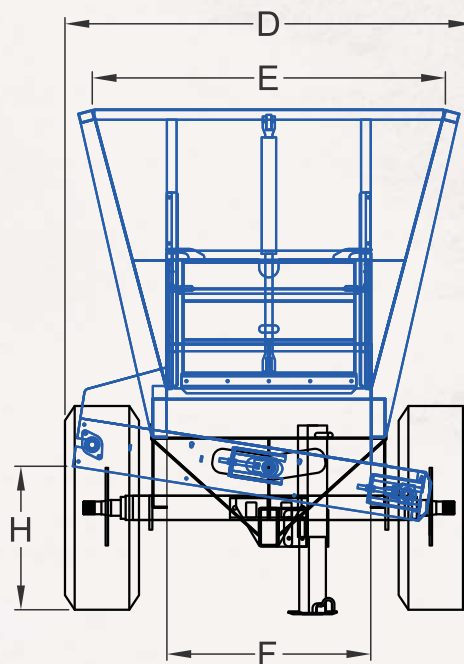
# VC-1605SP V-CAT SAND FILLER

[ TRAILER-MOUNT ]

## [ DIAGRAM ]



UNIT SPECIFICATIONS		
	NUMBER OF AXLES	2
	VOLUME (CU. YD.)	17.75
A	OVERALL LENGTH	267"
B	CHAMBER LENGTH	192"
C	OVERALL HEIGHT	105"
D	OVERALL WIDTH	96"
E	CHAMBER TOP WIDTH	72 <sup>3</sup> / <sub>4</sub> "
F	CHAMBER BOTTOM WIDTH	42"
G	CHAMBER DEPTH	60"
H	DISCHARGE CLEARANCE	31 <sup>1</sup> / <sub>2</sub> "



*Tandem Axle with 8 X 17.5 Low Profile Tires & Single Point Suspension*



# VC-1605SP V-CAT SAND FILLER

[ TRAILER-MOUNT ]

## [ STANDARD EQUIPMENT ]

1. 21" Wide Belt Discharge
2. Discharge on Right Hand Side
3. Discharge Driven by Tractor PTO
4. Hydraulic Gear Box Driven Floor Chain Powered by Tractor
5. Manual Flow Control for Floor
6. Single Apron WR78 Big Barrel Floor Chain
7. Vertical Hydraulic Sand Door with Metering Gauge
8. Tandem Axle with 8 X 17.5 Low Profile Tires & Single Point Suspension
9. 10,000 lb. Jack and Adjustable Hitch
10. Paint - White with Blue Trim

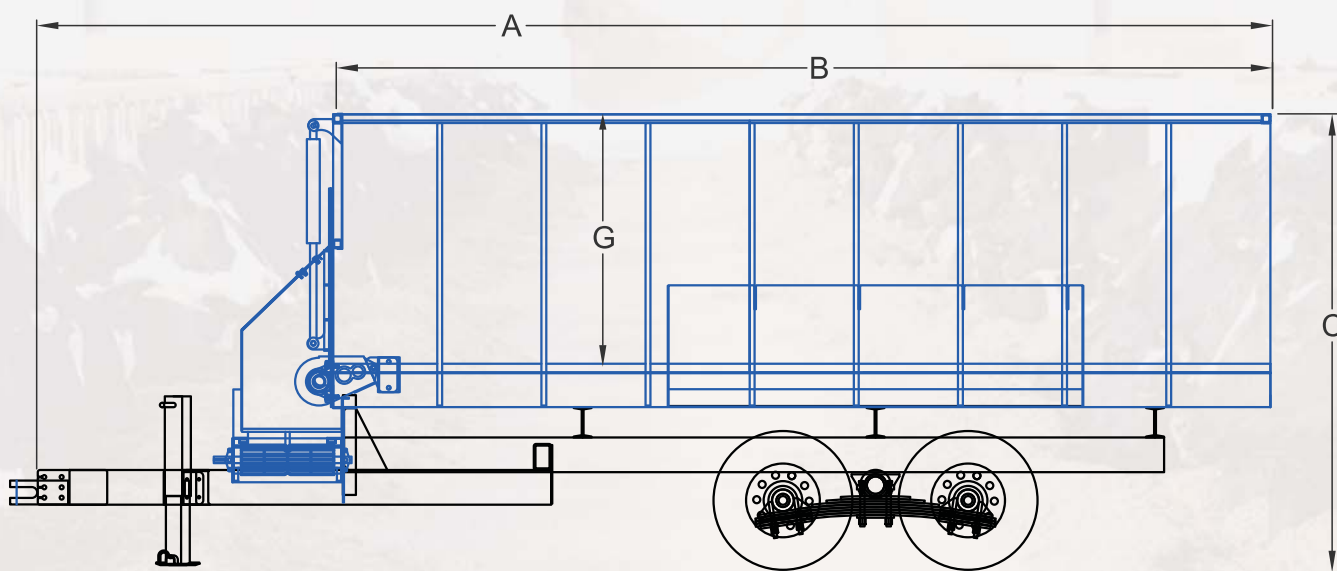


VC-1605SP

# VC-1805SP V-CAT SAND FILLER

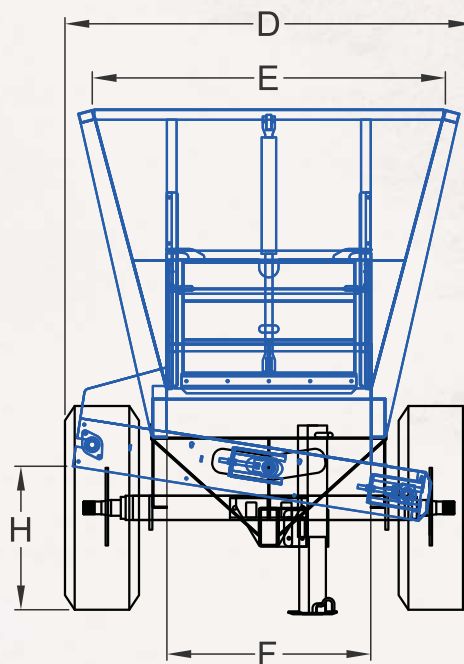
[ TRAILER-MOUNT ]

## [ DIAGRAM ]



### UNIT SPECIFICATIONS

	NUMBER OF AXLES	2
	VOLUME (CU. YD.)	20.00
A	OVERALL LENGTH	291"
B	CHAMBER LENGTH	216"
C	OVERALL HEIGHT	105"
D	OVERALL WIDTH	96"
E	CHAMBER TOP WIDTH	72¾"
F	CHAMBER BOTTOM WIDTH	42"
G	CHAMBER DEPTH	60"
H	DISCHARGE CLEARANCE	31½"



*Tandem Axle with 8 X 17.5 Low Profile Tires & Single Point Suspension*

VC-1805SP



# VC-1805SP V-CAT SAND FILLER

[ TRAILER-MOUNT ]

## [ STANDARD EQUIPMENT ]

1. 21" Wide Belt Discharge
2. Discharge on Right Hand Side
3. Discharge Driven by Tractor PTO
4. Hydraulic Gear Box Driven Floor Chain Powered by Tractor
5. Manual Flow Control for Floor
6. Single Apron WR78 Big Barrel Floor Chain
7. Vertical Hydraulic Sand Door with Metering Gauge
8. Tandem Axle with 8 X 17.5 Low Profile Tires & Single Point Suspension
9. 10,000 lb. Jack and Adjustable Hitch
10. Paint - White with Blue Trim

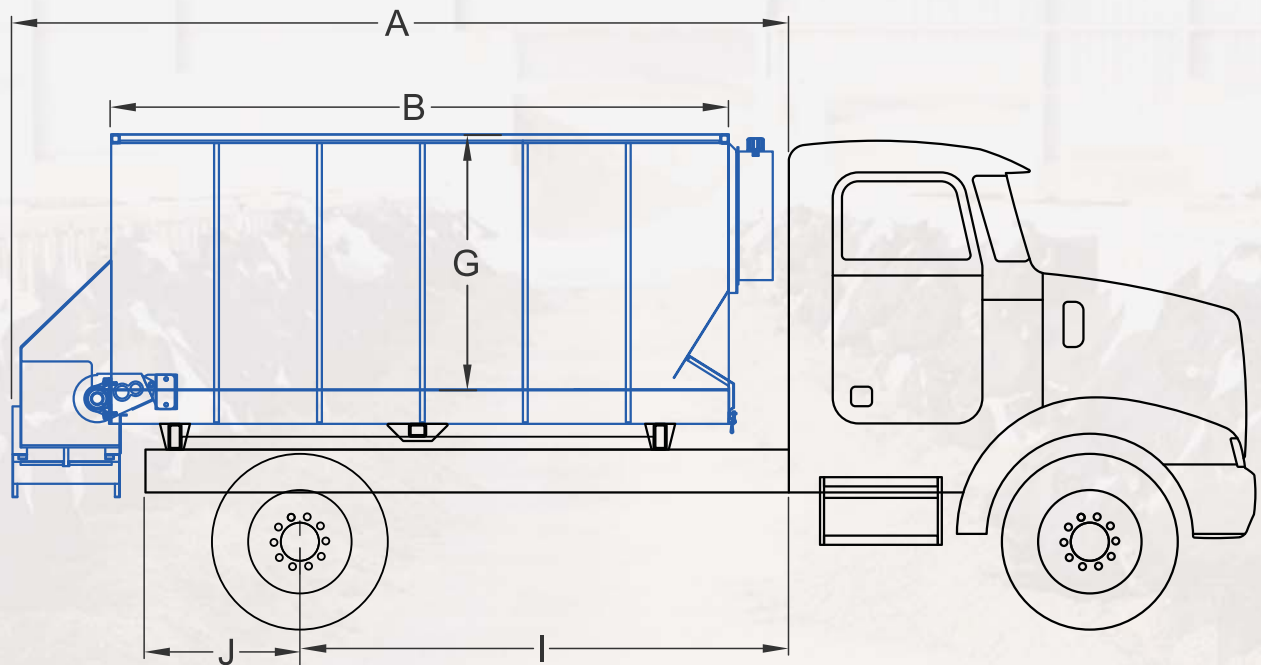


VC-1805SP

# VC-1205TM V-CAT SAND FILLER

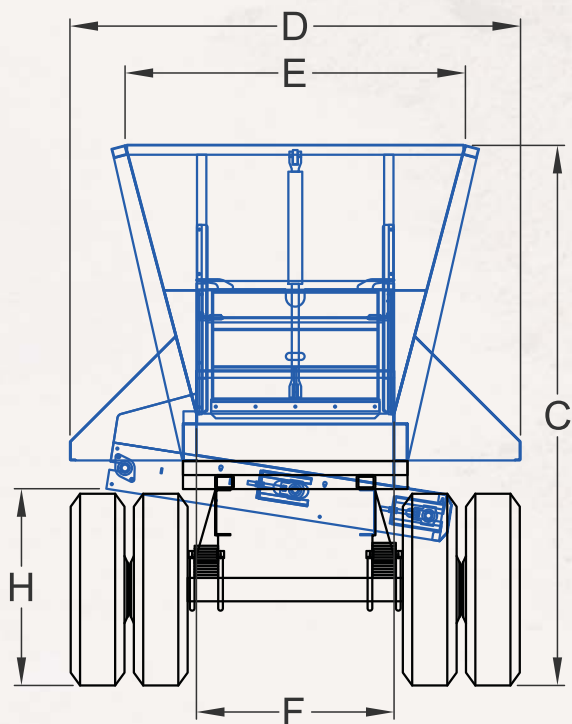
[ TRUCK-MOUNT ]

## [ DIAGRAM ]



UNIT SPECIFICATIONS		
	NUMBER OF AXLES	1
	VOLUME (CU. YD.)	11.00
A	OVERALL LENGTH	181"
B	CHAMBER LENGTH	144"
C	OVERALL HEIGHT	115½"
D	OVERALL WIDTH	96"
E	CHAMBER TOP WIDTH	72¾"
F	CHAMBER BOTTOM WIDTH	42"
G	CHAMBER DEPTH	60"
H	DISCHARGE CLEARANCE	42"
I	CAB TO TRUNNION	114±3"
J	TRUCK FRAME OVERHANG	36±3"

\* All Height Based on 42" Truck Frame.



VC-1205TM



# VC-1205TM V-CAT SAND FILLER

[ TRUCK-MOUNT ]

## [ STANDARD EQUIPMENT ]

1. 21" Wide Belt Discharge
2. Discharge on Right Hand Side
3. Hydraulic Driven Discharge
4. Hydraulic Gear Box Driven Floor Chain
5. Electric Flow Control for Floor
6. Single Apron WR78 Big Barrel Floor Chain
7. Vertical Hydraulic Sand Door with Metering Gauge
8. Paint - White with Blue Trim

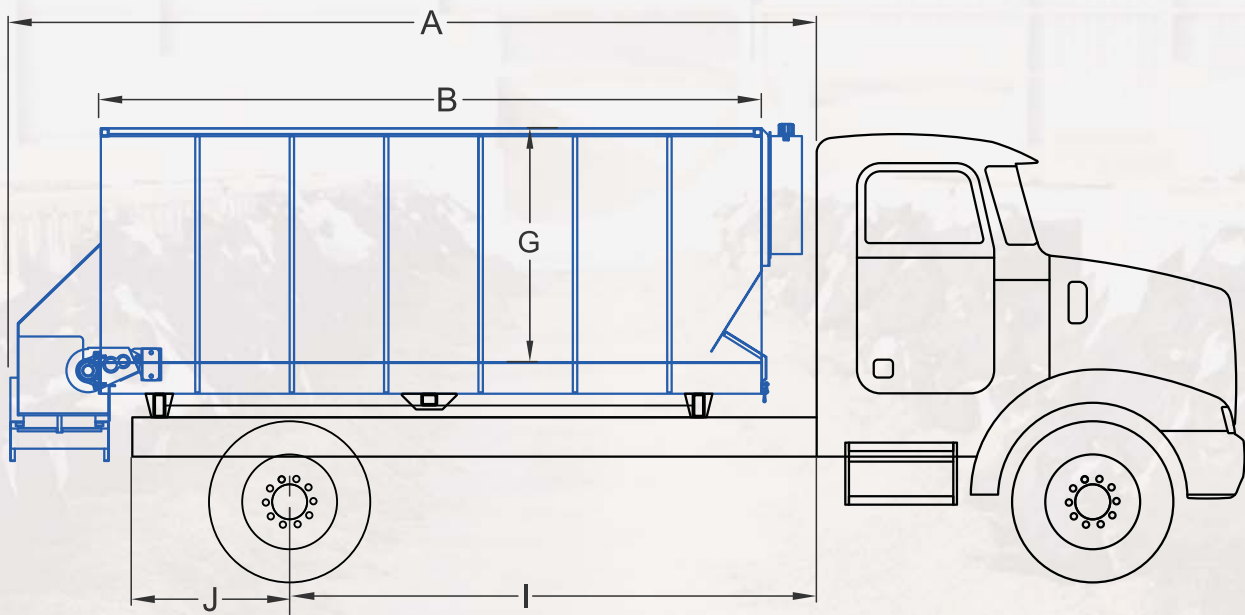


VC-1205TM

# VC-1405TM V-CAT SAND FILLER

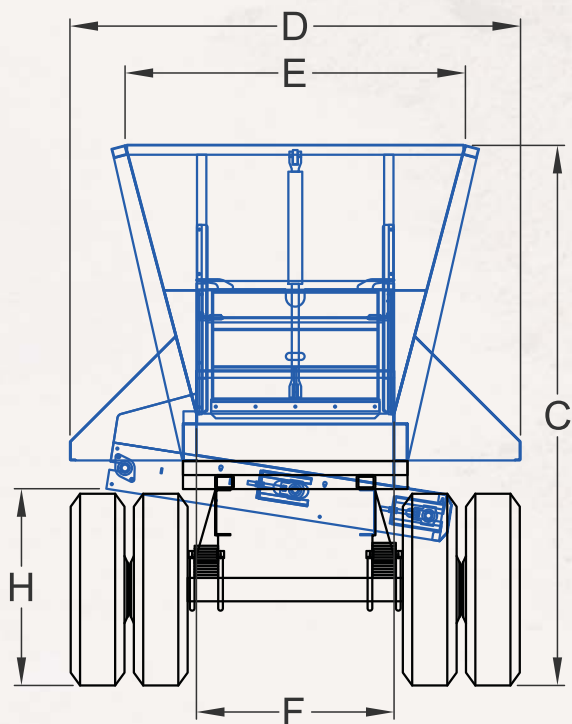
[ TRUCK-MOUNT ]

## [ DIAGRAM ]



UNIT SPECIFICATIONS		
	NUMBER OF AXLES	1
	VOLUME (CU. YD.)	13.00
A	OVERALL LENGTH	205"
B	CHAMBER LENGTH	168"
C	OVERALL HEIGHT	115½"
D	OVERALL WIDTH	96"
E	CHAMBER TOP WIDTH	72¾"
F	CHAMBER BOTTOM WIDTH	42"
G	CHAMBER DEPTH	60"
H	DISCHARGE CLEARANCE	42"
I	CAB TO TRUNNION	134±3"
J	TRUCK FRAME OVERHANG	40±3"

\* All Height Based on 42" Truck Frame.



VC-1405TM



# VC-1405TM V-CAT SAND FILLER

[ TRUCK-MOUNT ]

## [ STANDARD EQUIPMENT ]

1. 21" Wide Belt Discharge
2. Discharge on Right Hand Side
3. Hydraulic Driven Discharge
4. Hydraulic Gear Box Driven Floor Chain
5. Electric Flow Control for Floor
6. Single Apron WR78 Big Barrel Floor Chain
7. Vertical Hydraulic Sand Door with Metering Gauge
8. Paint - White with Blue Trim

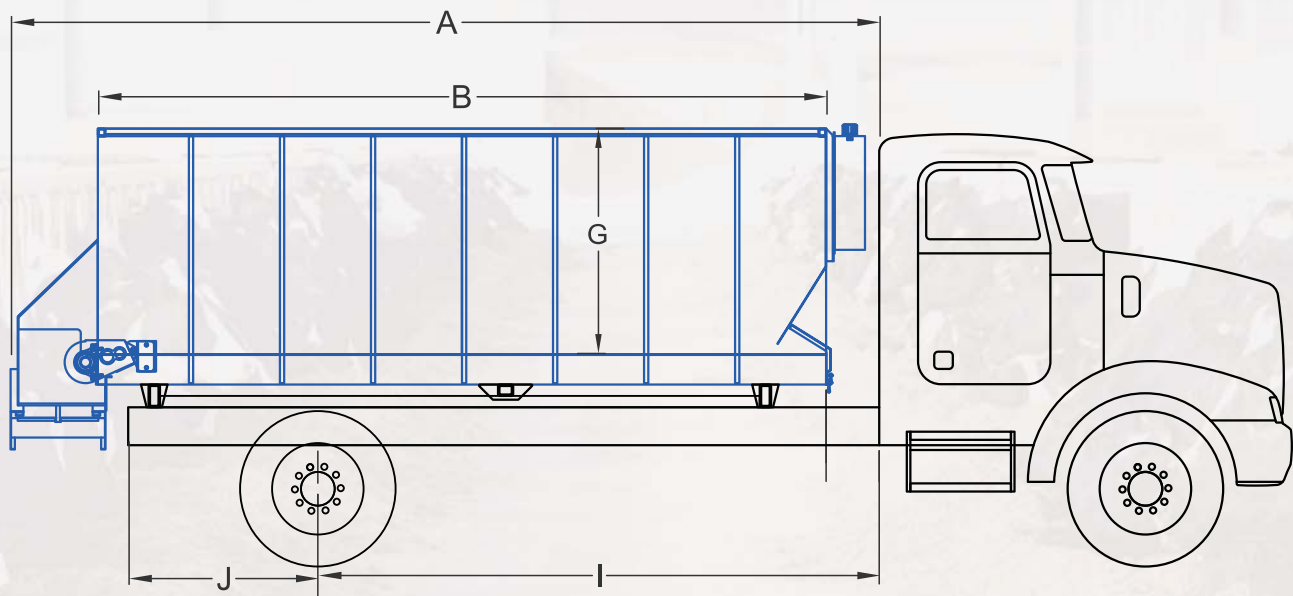


VC-1405TM

# VC-1605TM V-CAT SAND FILLER

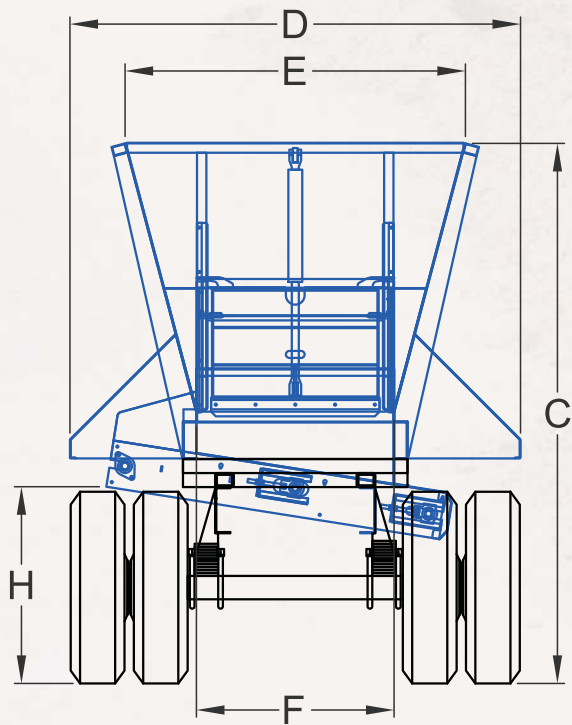
[ TRUCK-MOUNT ]

## [ DIAGRAM ]



UNIT SPECIFICATIONS		
	NUMBER OF AXLES	1
	VOLUME (CU. YD.)	15.00
A	OVERALL LENGTH	229"
B	CHAMBER LENGTH	192"
C	OVERALL HEIGHT	115½"
D	OVERALL WIDTH	96"
E	CHAMBER TOP WIDTH	72¾"
F	CHAMBER BOTTOM WIDTH	42"
G	CHAMBER DEPTH	60"
H	DISCHARGE CLEARANCE	42"
I	CAB TO TRUNNION	148±3"
J	TRUCK FRAME OVERHANG	50±3"

\* All Height Based on 42" Truck Frame.



VC-1605TM



# VC-1605TM V-CAT SAND FILLER

[ TRUCK-MOUNT ]

## [ STANDARD EQUIPMENT ]

1. 21" Wide Belt Discharge
2. Discharge on Right Hand Side
3. Hydraulic Driven Discharge
4. Hydraulic Gear Box Driven Floor Chain
5. Electric Flow Control for Floor
6. Single Apron WR78 Big Barrel Floor Chain
7. Vertical Hydraulic Sand Door with Metering Gauge
8. Paint - White with Blue Trim

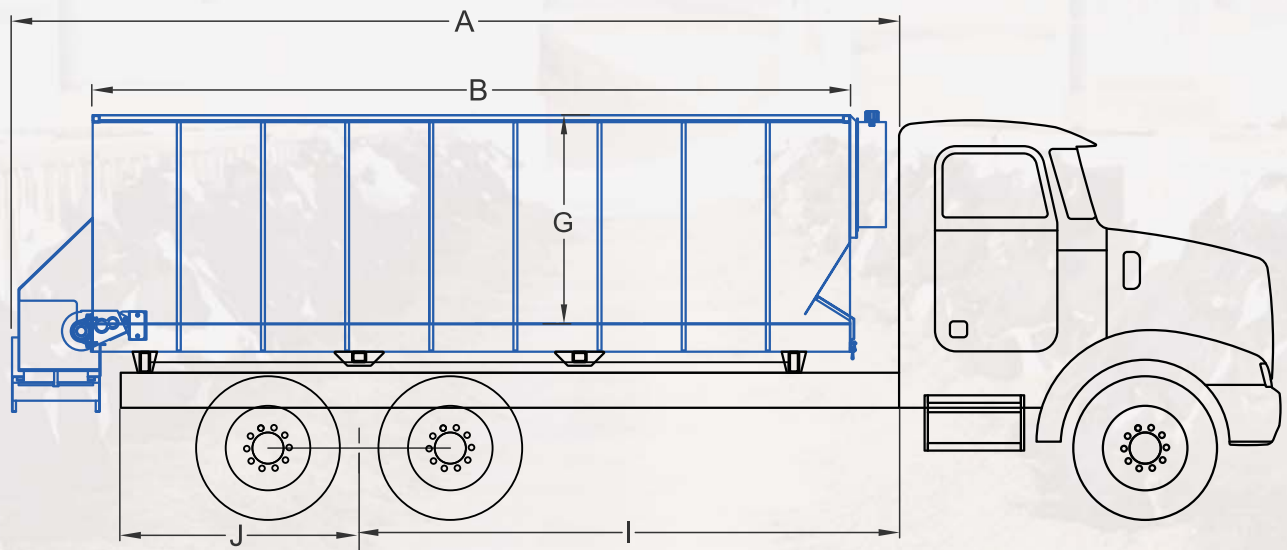


VC-1605TM

# VC-1805TM V-CAT SAND FILLER

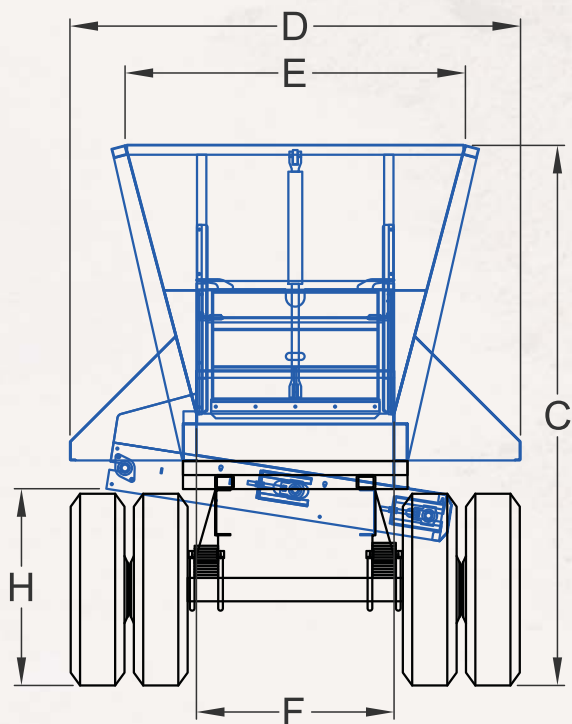
[ TRUCK-MOUNT ]

## [ DIAGRAM ]



UNIT SPECIFICATIONS		
	NUMBER OF AXLES	2
	VOLUME (CU. YD.)	17.00
A	OVERALL LENGTH	253"
B	CHAMBER LENGTH	216"
C	OVERALL HEIGHT	115½"
D	OVERALL WIDTH	96"
E	CHAMBER TOP WIDTH	72¾"
F	CHAMBER BOTTOM WIDTH	42"
G	CHAMBER DEPTH	60"
H	DISCHARGE CLEARANCE	42"
I	CAB TO TRUNNION	154±3"
J	TRUCK FRAME OVERHANG	68±3"

\* All Height Based on 42" Truck Frame.



VC-1805TM



# VC-1805TM V-CAT SAND FILLER

[ TRUCK-MOUNT ]

## [ STANDARD EQUIPMENT ]

1. 21" Wide Belt Discharge
2. Discharge on Right Hand Side
3. Hydraulic Driven Discharge
4. Hydraulic Gear Box Driven Floor Chain
5. Electric Flow Control for Floor
6. Single Apron WR78 Big Barrel Floor Chain
7. Vertical Hydraulic Sand Door with Metering Gauge
8. Paint - White with Blue Trim

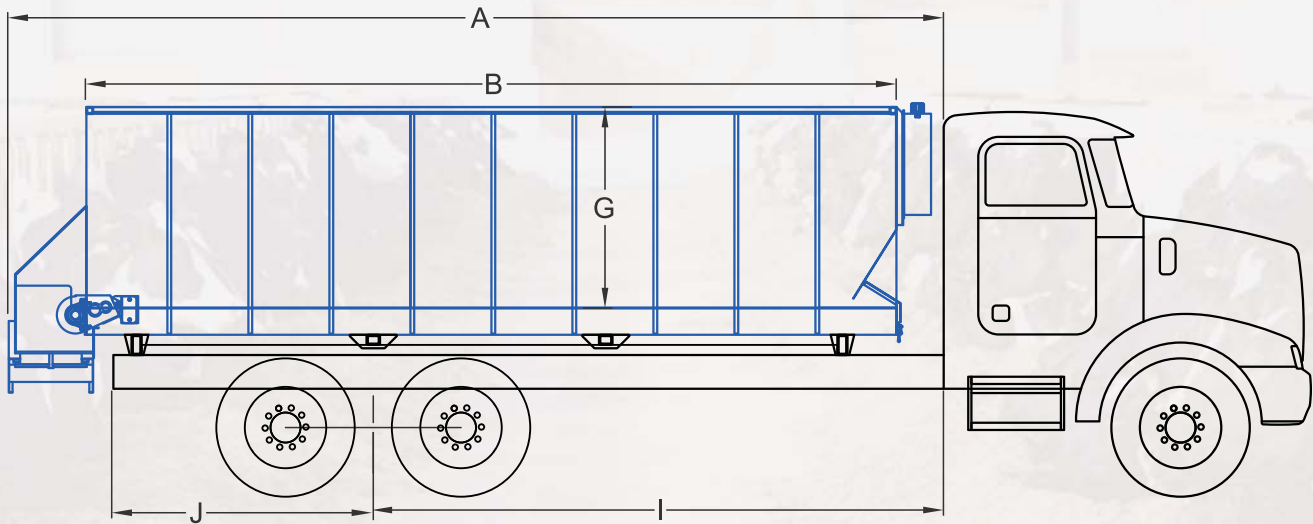


VC-1805TM

# VC-2005TM V-CAT SAND FILLER

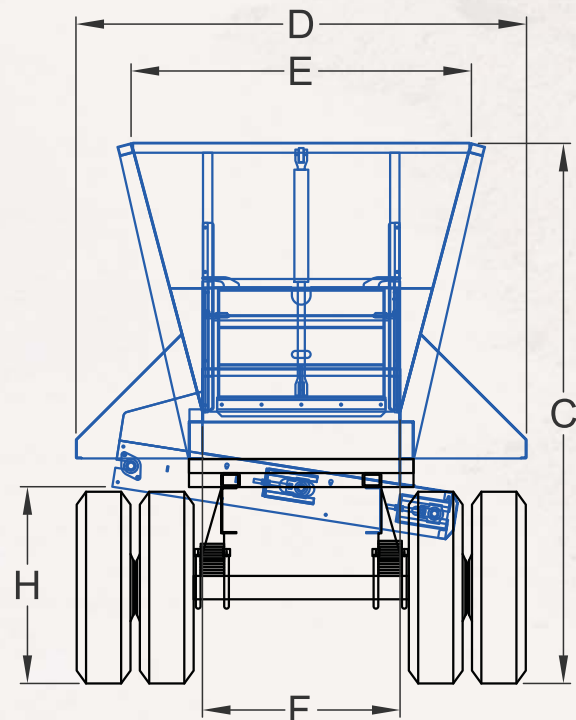
[ TRUCK-MOUNT ]

## [ DIAGRAM ]



UNIT SPECIFICATIONS		
	NUMBER OF AXLES	2
	VOLUME (CU. YD.)	19.00
A	OVERALL LENGTH	277"
B	CHAMBER LENGTH	240"
C	OVERALL HEIGHT	115½"
D	OVERALL WIDTH	96"
E	CHAMBER TOP WIDTH	72¾"
F	CHAMBER BOTTOM WIDTH	42"
G	CHAMBER DEPTH	60"
H	DISCHARGE CLEARANCE	42"
I	CAB TO TRUNNION	169±3"
J	TRUCK FRAME OVERHANG	77±3"

\* All Height Based on 42" Truck Frame.



VC-2005TM



# VC-2005TM V-CAT SAND FILLER

[ TRUCK-MOUNT ]

## [ STANDARD EQUIPMENT ]

1. 21" Wide Belt Discharge
2. Discharge on Right Hand Side
3. Hydraulic Driven Discharge
4. Hydraulic Gear Box Driven Floor Chain
5. Electric Flow Control for Floor
6. Single Apron WR78 Big Barrel Floor Chain
7. Vertical Hydraulic Sand Door with Metering Gauge
8. Paint - White with Blue Trim

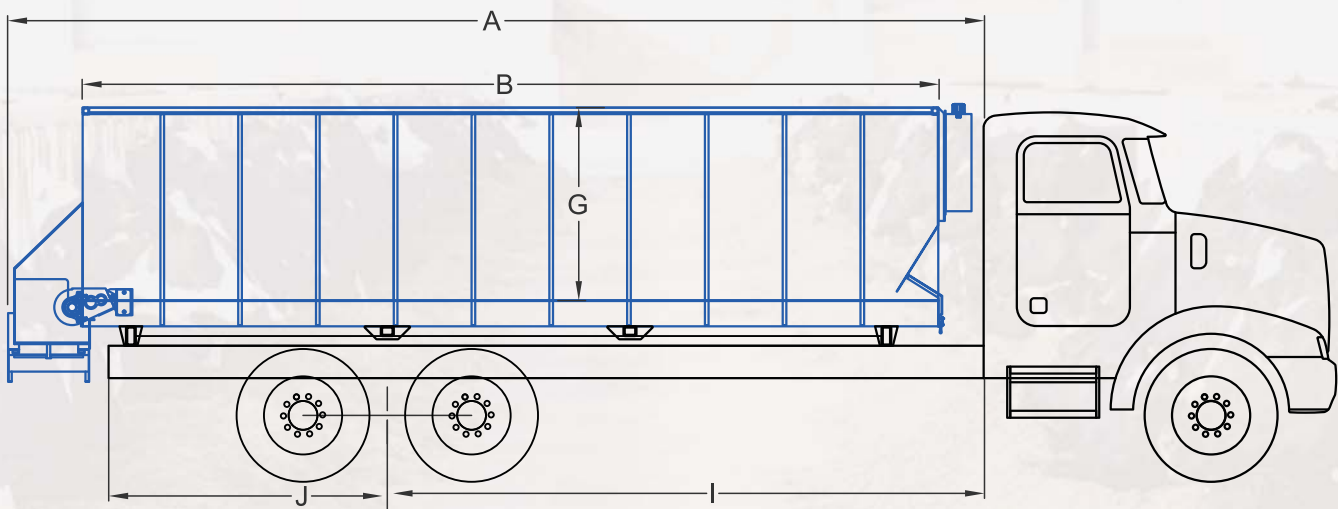


VC-2005TM

# VC-2205TM V-CAT SAND FILLER

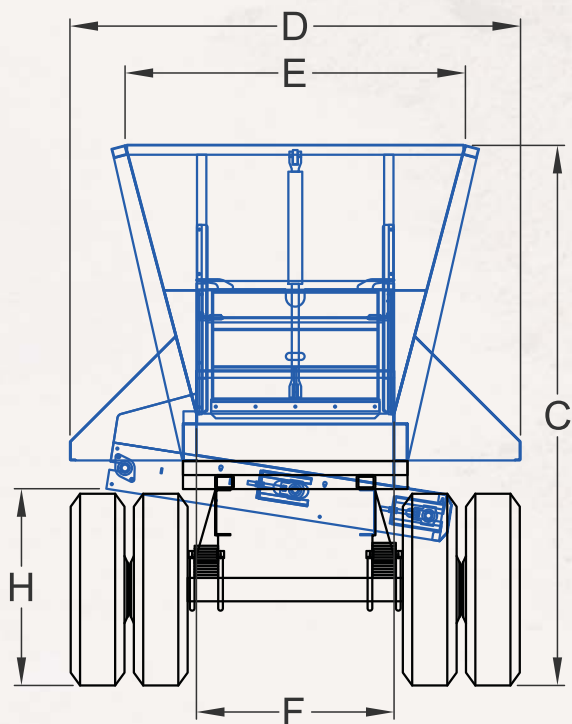
[ TRUCK-MOUNT ]

## [ DIAGRAM ]



UNIT SPECIFICATIONS		
	NUMBER OF AXLES	2
	VOLUME (CU. YD.)	21.00
A	OVERALL LENGTH	301"
B	CHAMBER LENGTH	264"
C	OVERALL HEIGHT	115½"
D	OVERALL WIDTH	96"
E	CHAMBER TOP WIDTH	72¾"
F	CHAMBER BOTTOM WIDTH	42"
G	CHAMBER DEPTH	60"
H	DISCHARGE CLEARANCE	42"
I	CAB TO TRUNNION	184±3"
J	TRUCK FRAME OVERHANG	86±3"

\* All Height Based on 42" Truck Frame.



VC-2205TM



# VC-2205TM V-CAT SAND FILLER

[ TRUCK-MOUNT ]

## [ STANDARD EQUIPMENT ]

1. 21" Wide Belt Discharge
2. Discharge on Right Hand Side
3. Hydraulic Driven Discharge
4. Hydraulic Gear Box Driven Floor Chain
5. Electric Flow Control for Floor
6. Single Apron WR78 Big Barrel Floor Chain
7. Vertical Hydraulic Sand Door with Metering Gauge
8. Paint - White with Blue Trim



VC-2205TM

## [ OPTIONS ]

1. (8) 235/75R X 17.5 Tires on a Tandem Axle with Solid Walking Beam Suspension
2. Tire Options:
  - (8) 275/70R X 22.5
  - (4) 16.5L X 16.1 Without Suspension
3. Rear Door Option with Rear Drive
4. Non-Standard Paint Color
5. Custom-Made Decal
6. Truck Mount Options Available



# V-CAT SAND FILLER

## [ SPECIFICATION SHEET ]

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

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

Options		Yes	Price
<b>BASE PRICE</b>			
1.	_____ V-CAT (VC) or _____ Alley-Cat (AC)		
2.	Length of Box _____ Ft.		
3.	Wall Height _____ Ft		
4.	Tire Size: _____		
5.	_____ Trailer Mounted or _____ Truck Mounted		
6.	Rear Door Option		
7.	Running Gear : ____ Single Axle ____ Tandem Axle with 8,000 lb. Hubs & Spindles ____ Tandem Axle Single Point Suspension ____ Tandem Axle with Solid Walking Beam Suspension		
8.	Special Paint Color		
9.	Custom Made Decals		

Comments:

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



531 S. Hwy. 59 | Merced, CA 95341  
P: (209) 722-4145 | F: (209) 349-8934  
sales@lairdmfg.com | [www.lairdmfg.com](http://www.lairdmfg.com)