

# Standard Specifications

## Application

Recommended for transportation of agricultural and industrial bulk commodities

## Tires

Eight (8) 11R24.5 radials

## Axles

2,500 lbs. beam capacity, 5 3/4" diameter, 71-1/2" or 77-1/2" track, 28-spline camshafts with cam tubes. Standard brake lining

## Oil Seals

Wheel seals with hubcaps

## Brakes

16-1/2" x 7" complying with FMVSS 121

## Anti-Lock System

4 sensor, 2 modulator with constant power supplied by center auxiliary pin. Exceeds the minimum requirements of FMVSS 121, S5.5

## Suspension

Air Ride Suspension, 17" ride height with 23,000 lbs. rating

## Support Legs

Aluminum square legs, with roadside removable crank, low profile 10" square cushion foot shoe. 50,000 lbs. lift capacity. Located from king pin: 77" on 22'; 88 5/8" on 28'6"; 94" on 33'5"; 36', 38', 40', 42'2", 43'; 98" on 48'; 110" on 50'

## Wheel Flaps

Black heavy duty rubber, 24"W x 30"L

## King Pin Setting

20" - Single I-beam with 3/8" steel flanges, 1/4" steel full-width pickup plate

## Front Corners

6" radius with stainless steel corner overlays; SL Model 3" x 4-1/2" rectangular tube, stainless steel, 15 degree rearward slant assembly

## Nose Panels

Smooth pre-painted white .063" aluminum

## Side Lower Rails

Aluminum 9-11/16" high extrusion

## Side Posts

Aluminum extrusion 1-3/4" Z posts on 12" centers

## Side Panels

Pre-painted white .048" and .063" in coupler area aluminum corrugated on 6" centers

## Side Top Rails

Aluminum 5-5/8" x 6-1/4" extrusion

## Interior Lining Sidewalls

.048" one piece aluminum

## Divider Panel

.080" Aluminum

## Metal Coating

Black protective coating on all steel parts

## Tarp

ThunderArmor 18oz. one-piece tarp

## Tarp Opener

Thunder 7000 electric tarp opener system with One-Touch™ control and rf remote

## Tarp Bows

9" rise galvanized steel arch type; Four (4) on 22'; Six (6) on 28'6"; 33'5"; Seven (7) on 36'; 38'; 40'; Eight (8) on 42'2"; 43'; Nine (9) on 48'; 50'

## Rear Frame

Corrugated pre-painted white .048" aluminum panels and extruded posts; SL Model - Corrugated pre-painted white .048" aluminum and 3" x 4-1/2" rectangular tube, mill finish aluminum 15 degree forward slant assembly

## End Slope

.080" aluminum supported 'Z' shaped members; 33 degree slope angle; SL Models - 33 degree front and rear slope angle. 31 degree rear slope on tri-axle models

## Twin Hopper Assembly

22', 28'6", 33'5", 36', 38', 40', 42'2" - 96"W or 102"W on select models - Two piece .125" aluminum formed tubs with 35.8 degree side slopes and 33 degree end slopes, ag tub design  
43" - 96"W or 102"W / 48', 50' - 96"W or 102"W; two piece .125" aluminum formed tubs with 43.5 degree side slopes and 33 degree end slopes, split tub design

## Traps

Trap plates are 1/4" aluminum with steel stiffeners supported by double sealed steel ball bearings  
22' - 24"W x 36"L;  
Hopper Clearance 25"  
28'6", 33'5" - 24"W x 22"L;  
Hopper Clearance 25"  
36', 38', 40', 42'2" - 24"W x 27"L;  
Hopper Clearance 25"  
43', 48', 50' - 26"W x 54"L;  
Hopper Clearance 17"  
102"W trailers add 6" to trap width

## Trap Operators

Each trap is opened and closed by a manually operated 1" diameter shaft connected through a u-joint to the double rack and pinion gears using a removable crank. There are trap locks at each crankshaft. The double rack and pinion gears drive at both sides of each trap plate

## Access System

Aluminum ladders are mounted on both the front and the rear, with a flip down step mounted to the base of the rear ladder. Grab handle mounted above the rear ladder

## Electrical System

Complies with FMVS 108 with connector 10" offset to roadside on nose. All weather-pack automotive style connections are sealed to prevent water intrusion and corrosion.

## Side & Nose Markers

### Clearance & ID Lamps

Side Lamps - (Bullet Style) 3 amber LED, 2 red LED, and 1 amber mid-turn/marker lamp in 2 rows of 3 lamps per side, extra spacing  
Nose Lamps - (Bullet Style) 2 high-mounted amber LED clearance lamps  
Rear Lamps - (Bullet Style) 3 high-mounted red LED ID lamps and 2 high-mounted red LED clearance lamps on the rear frame header

## Rear Tail Lamps

(6) 4" diameter, 6-diode red LED lamps, grommet mounted - two red turn signals and four red stop/tail lamps

## Conspicuity

Red and white reflective tape mounted in conspicuity track of lower rail and full width across rear of trailer. White reflective tape mounted on top corners of rear frame

Timpte reserves the right to change design or specifications without notice. Information contained herein is general in nature and is not intended for specific applications purposes.



Since 1884

1827 Industrial Drive / David City, NE 68632 / (402) 367-3056 / timpte.com / sales@timpte.com

TIMPTE.COM

MADE IN AMERICA

1/22



# **TIMPTE** SUPER HOPPER

**MADE IN AMERICA** 



**#1 SELLING DRY BULK COMMODITY TRAILER IN NORTH AMERICA**

# Nobody pulls their weight like we do.

## About Us

Timpte® has been manufacturing bulk commodity trailers for over 135 years. As one of the pioneers in the development of these trailers, we have positioned ourselves to serve your needs today and in the future.

Timpte trailers are designed for those who require the best. We design strength and performance into each new Timpte, but that's only part of our story. Timpte's insistence on using only the finest materials is further assurance of unsurpassed value. We use only the highest quality aluminum and steel in our construction.

The engineering and design leadership that goes into each Timpte trailer shows in our distinctive good looks, craftsmanship, structural detail and the methods by which Timpte trailers are produced. Value comes from Timpte's tradition of quality.

We are recognized throughout the bulk commodity transportation industry as the leader in quality. To understand what trailer value is all about, take a look at a new Timpte. There's a reason we are the #1 manufacturer of bulk commodity trailers in the country.



### Design

Our diversified engineering team develops, designs and tests each new product from start to finish. They have the ability to handle any request to get you the trailer you want.



### Manufacture

We custom build every trailer in one manufacturing facility which provides you with consistent product quality that's built on time.



### Sell

We give you expert advice on how to increase your operation's productivity and the confidence that you're getting the right trailer that fits your needs.



### Service

With more than 40 locations in the United States & Canada, Timpte's extensive network means you're never too far from Timpte genuine parts and service.



# Standard Features

## 1. Side Panels:

.063" aluminum panels are used in high stress areas for added strength and durability.

- (2) .063" panels on 38' - 43'
- (3) .063" panels on 48' - 50'

- 4' Exterior Side Panels: A long time Timpte trademark that offers unmatched strength and ease of repair.

## 2. Electric Tarp System:



Standard with the Thunder 7000 Series Electric Tarp. This dual arm tarping system includes One-Touch™ technology, 100% American made motor and multi-function remote.

## 3. Air Ride Dump Valve & Oil Filled Pressure Gauge:

Relocated to the nose of the trailer where it is immediately accessible to the operator on all trailers.

*\*Does not apply to tri-axle trailers with lift axle(s).*

## 4. Lights & Electrical:

All weather-pack automotive style connections, sealed to prevent corrosion. Standard light configuration:

- 2 rows of 3 LED bullet lights with center mid-ship turn signal.
- (2) Front high-mount LED bullet lights
- (5) Rear high-mount marker LED bullet lights
- (6) 4" diameter stop/turn signal LED bullet lights
- Extra spacing (standard)

## 5. Upper Coupler Assembly:

The upper coupler assembly is a beam truss designed for the rigors of field use. Extra cross members and a "X" brace are added for extra strength for field application.

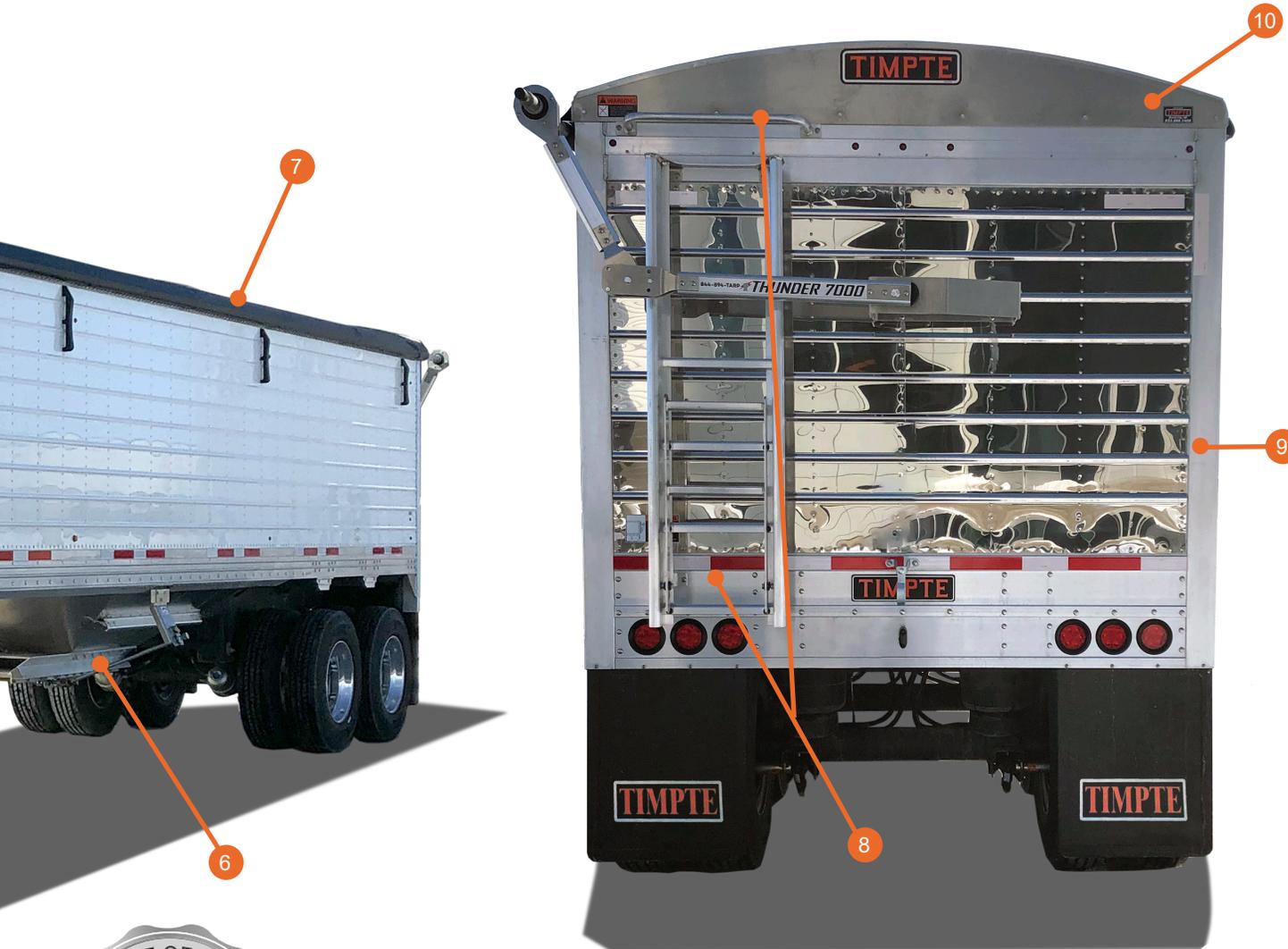


**\*The trailer shown above is used for DEMONSTRATION purposes only.  
All referenced points are standard features on all Timpte models.**

Timpte reserves the right to change design or specifications without notice. Information contained herein is general in nature and is not intended for specific applications purposes.

# Timpte's value comes from our tradition of quality.

More standard features from front to back than any other trailer manufacturer.



**6. Trap System:**

Timpte traps are made of 1/4" aluminum plate with hat section stiffeners to minimize deflection. Each door rides on sealed HD 40 mm diameter roller bearings designed to give years of trouble free service. Note the interior trap door seal protects against moisture intrusion.

**7. Tarp:**



Made of 18 oz. one-piece premium-grade woven PVC.

**8. Access System:**

Standard with front and rear aluminum ladders and 26" rear grab bar.

- Standard Flip Step Ladder: The Timpte Original! A functional ladder extension that stores in the upward position and is swung down to provide unequalled rear access and safety.

**9. Rear Corner Frame Posts:**

Gives all models the ability to vent through the corner posts.

**10. Tarp Bows:**

Heavy duty extruded aluminum box design top rail eliminates having to use fixed structural tarp bows. Timpte tarp bows are easily replaced if damaged. 2 ridge straps are standard.



**Timpte offers an industry leading 3 year "Peace of Mind No Hassle Warranty" on all new trailers.**

See Timpte Warranty Card for details.

# Super Hopper Models

## Standard Hoppers

Lengths - 21'-11", 28'-6", 33'-5", 36', 38', 40' and 42'-2"  
Widths - 96" and 102" (22'-11" - Only available in 96" wide)



## Spread-Axle Models

Lengths - 48' and 50'  
Widths - 96" and 102"



## SL Standard Models

Lengths - 40' and 42'-2"  
Width - 96"



## Lead & Pup

Lengths - Lead 28'-6" 33'-5", 36', 38', 40', 42'-2", 43', 48' and 50'  
Pup 25'-6", 21'-11" and 18'  
Widths - 96" and 102"



## Super Cube

Lengths - 43' Only  
Width - 96" and 102"



## Tri-Axle Models

Lengths - 48' and 50'  
Widths - 96" and 102"



## SL Tri-Axle Models

Length - 50'  
Width - 96"



## Tri-Axle Doubles

Lengths - Lead 36'-10"  
Pup 36'-10"  
Widths - 102"



\*Trailers pictured represent model types from different model years and may not represent the current models available.

# Tub Configurations

## Tub Styles



Ag Hopper - 25" Ground Clearance



Hi-Flow - 20.5" Ground Clearance



Split Tub - 17" Ground Clearance

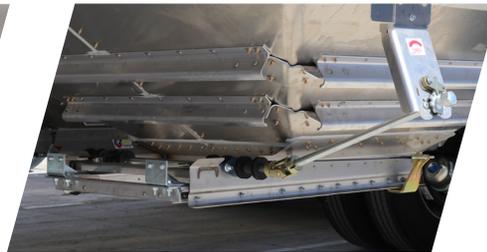
## Tub Options



Removable Vibrators



Permanent Vibrators



Full Double Knock Rails



Sight Glass Window

## Door Options



Single Speed Operator  
(Direct Drive)



Two-Speed Operator  
(Gear Drive)



Gravity Flow  
(Belt Drive)



EZ Flow<sup>XR</sup><sup>®</sup>  
(Hydraulic Drive)

# Popular Options

## Front Options



Front Splash Guards



Landing Gear Mud Flaps



K-Bracing

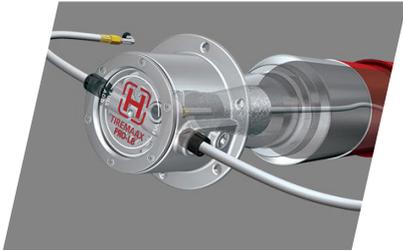


Double Split Platforms



Front Aluminum Enclosure

## Rear Options



TireMaxx Pro Inflation/  
Deflation System



Full Width Aluminum Step



Hendrickson ADB System  
(Dust Shields Included)

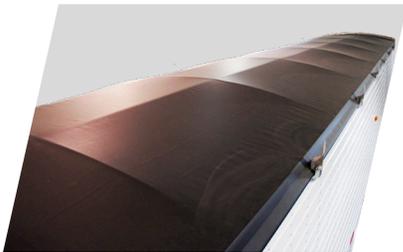


Custom Suspension Paint



Rear Aluminum Enclosure

## Tarp Options



22 oz. Tarp



Custom Tarp Colors



Clean Coat Acrylic Tarp



Thunder Tarp Straps



Enclosed Tarp Caps

# Panel Options & Sidewall Heights

## Stainless Steel Options



Stainless Steel Nose



Stainless Steel Rear



Stainless Steel Corners

## Sidewall Heights

Sidewall Heights available:

- 66"      90"
- 72"      96"
- 78"      102"
- 84"

## Sidewall Panel Options Other Colors Available Upon Request



White



Gunmetal Gray



Black

Silver

Stainless Steel

# Light Options

## Side Marker Lights



Bullet Lights (Standard)



Box Style Lights (Optional)



Clear Bullet Lights (Optional)



Clear Box Style Lights (Optional)



Marker Lights



Marker Lights

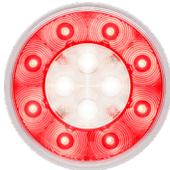
## Tail Lights



Standard Lights

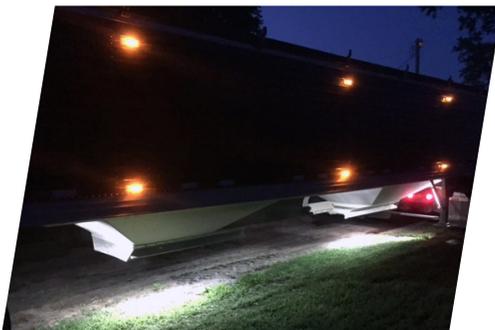


Clear Lights (Optional)



Rear Backup Light (Optional)

## Work Lights



Apex



Interior Tubs

### Available Side Marker LED Light Configurations:

1 row of 3/5/9/13/15/17

2 rows of 3 (Standard)

2 rows of 5/9/13/15/17

3 rows of 3/5/9/13/15/17

\* Classic Spacing available

\* Configuration options vary depending on length of trailer



## Rear Light Options



3 LED Light Cluster on Lower Bumper Rail



7 LED Lights on Rear Header  
4 Outside Lights Turn/Clearance  
3 Inside Lights Stop/Clearance



Rear Corner Post Lights



**TIMPTE** SUPER HOPPER  
MADE IN AMERICA



WIRING HARNESS



LIGHTS

# Lightweight Options

## Tandem Axle Aluminum Subframe

- Available with front lift axle
- Increased wall thickness of long beams by 25%

*Ask your factory direct or dealer representative regarding lift and spread axle configuration availability.*



## Weight Saving Options

### Fig. Super Light Option

		96" Wide	102" Wide
A.	Aluminum Upper Coupler	435 lbs.	470 lbs.
B.	(4) Aluminum Wheels / 22.5 Wide Base Tires	633 lbs.	633 lbs.
C.	Aluminum Subframe w/ HP Axles	364 lbs.	364 lbs.
D.	Lightweight Hubs (Std) & Drums	92 lbs.	92 lbs.



**Fig. A**



**Fig. B**



**Fig. C**



**Fig. D**

## Aluminum Wheel Options

### Wheel Size

### Finish

24.5 x 8.25

Ultra ONE® / Dura-Brite®

22.5 x 8.25

Ultra ONE® / Dura-Brite®

22.5 x 14

Ultra ONE® / Dura-Brite®



## THUNDER 7000 POWER TARP SYSTEM

### Technology Behind the Product

- One-Touch™ Technology allows the operator to open and close the tarp system with one push of a button
- One-Touch™ Technology works by measuring amperage load to a preset value
- Open, close and stop your tarp with one push of a button
- Multi-function remote can operate up to 5 different trailer accessories with a maximum range of 100 ft.
- Safety features include automatic remote shut-off after 5 minutes of inactivity



### Arm Color Options

\*Image shows custom white finish



Best In Industry  
**WARRANTY**



## EZ Flow<sup>XR</sup> Hydraulic Trap<sup>®</sup>

### TESTED TO MEET YOUR TOUGH HAULING DEMANDS.

The patented EZ Flow<sup>XR</sup> Hydraulic Trap<sup>®</sup> has been thoroughly tested to meet your tough hauling demands for the last nine years. From field to road there is no hydraulic or electric trap that compares to strength and reliability of the EZ Flow<sup>XR</sup>.

### Features

- Industries BEST Swing Clearance; No trap operator or motor to interfere with swing auger
- Operates using a single 12 volt hydraulic motor
- No Limit Switches
- Easily control product flow by feathering the door open or close
- Standard door opens in 12 seconds & closes in 10 seconds
- Standard with heavy duty reinforcement brackets for hi-density products (silica sand)
- Door opens past the rear trap frame cross-member by 1" (Full Open Door)

## EZ Flow<sup>XR</sup> Hydraulic Trap<sup>®</sup> Override



In the event of an emergency due to electrical or mechanical failures the EZ Flow<sup>XR</sup> doors can be easily converted into manual operation. The emergency manual override utilizes quick release pins and straps to open the door. This new override system is not only easy to use, but provides additional ground clearance compared to previous override systems.

**EZFLOW<sup>XR</sup>**  
Hydraulic Trap<sup>®</sup>



# Capacities

LENGTH & HEIGHT	HEAPED 9"				WATER LEVEL			
	96" Wide		102" Wide		96" Wide		102" Wide	
	Ag	Split	Ag	Split	Ag	Split	Ag	Split
18' 0" Length, 72" Height	765 ft <sup>3</sup>	---	---	---	688 ft <sup>3</sup>	---	---	---
18' 0" Length, 78" Height	830 ft <sup>3</sup>	---	---	---	753 ft <sup>3</sup>	---	---	---
21' 11" Length, 66" Height	828 ft <sup>3</sup>	---	---	---	734 ft <sup>3</sup>	---	---	---
21' 11" Length, 72" Height	908 ft <sup>3</sup>	---	---	---	814 ft <sup>3</sup>	---	---	---
21' 11" Length, 78" Height	988 ft <sup>3</sup>	---	---	---	894 ft <sup>3</sup>	---	---	---
21' 11" Length, 84" Height	1068 ft <sup>3</sup>	---	---	---	974 ft <sup>3</sup>	---	---	---
25' 6" Length, 78" Height	---	---	1131 ft <sup>3</sup>	---	---	---	1013 ft <sup>3</sup>	---
28' 6" Length, 66" Height	1037 ft <sup>3</sup>	---	1108 ft <sup>3</sup>	---	913 ft <sup>3</sup>	---	976 ft <sup>3</sup>	---
28' 6" Length, 72" Height	1143 ft <sup>3</sup>	---	1221 ft <sup>3</sup>	---	1019 ft <sup>3</sup>	---	1089 ft <sup>3</sup>	---
28' 6" Length, 78" Height	1249 ft <sup>3</sup>	---	1334 ft <sup>3</sup>	---	1125 ft <sup>3</sup>	---	1202 ft <sup>3</sup>	---
33' 5" Length, 66" Height	1247 ft <sup>3</sup>	---	1332 ft <sup>3</sup>	---	1101 ft <sup>3</sup>	---	1176 ft <sup>3</sup>	---
33' 5" Length, 72" Height	1369 ft <sup>3</sup>	---	1462 ft <sup>3</sup>	---	1223 ft <sup>3</sup>	---	1307 ft <sup>3</sup>	---
33' 5" Length, 78" Height	1493 ft <sup>3</sup>	---	1595 ft <sup>3</sup>	---	1347 ft <sup>3</sup>	---	1439 ft <sup>3</sup>	---
36' 0" Length, 66" Height	1327 ft <sup>3</sup>	---	1420 ft <sup>3</sup>	---	1172 ft <sup>3</sup>	---	1254 ft <sup>3</sup>	---
36' 0" Length, 72" Height	1459 ft <sup>3</sup>	---	1562 ft <sup>3</sup>	---	1304 ft <sup>3</sup>	---	1396 ft <sup>3</sup>	---
36' 0" Length, 78" Height	1591 ft <sup>3</sup>	---	1702 ft <sup>3</sup>	---	1436 ft <sup>3</sup>	---	1534 ft <sup>3</sup>	---
36' 10" Length, 78" Height	---	---	1651 ft <sup>3</sup>	---	---	---	1484 ft <sup>3</sup>	---
38' 0" Length, 66" Height	1409 ft <sup>3</sup>	1473 ft <sup>3</sup>	1505 ft <sup>3</sup>	---	1245 ft <sup>3</sup>	1309 ft <sup>3</sup>	1330 ft <sup>3</sup>	---
38' 0" Length, 72" Height	1536 ft <sup>3</sup>	1603 ft <sup>3</sup>	1640 ft <sup>3</sup>	1709 ft <sup>3</sup>	1357 ft <sup>3</sup>	1421 ft <sup>3</sup>	1450 ft <sup>3</sup>	1519 ft <sup>3</sup>
38' 0" Length, 78" Height	1674 ft <sup>3</sup>	1738 ft <sup>3</sup>	1788 ft <sup>3</sup>	1857 ft <sup>3</sup>	1479 ft <sup>3</sup>	1543 ft <sup>3</sup>	1581 ft <sup>3</sup>	1650 ft <sup>3</sup>
40' 0" Length, 66" Height	1439 ft <sup>3</sup>	1561 ft <sup>3</sup>	1561 ft <sup>3</sup>	1692 ft <sup>3</sup>	1293 ft <sup>3</sup>	1415 ft <sup>3</sup>	1408 ft <sup>3</sup>	1539 ft <sup>3</sup>
40' 0" Length, 66" Height SL	1439 ft <sup>3</sup>	1561 ft <sup>3</sup>	---	---	1293 ft <sup>3</sup>	1415 ft <sup>3</sup>	---	---
40' 0" Length, 72" Height	1587 ft <sup>3</sup>	1709 ft <sup>3</sup>	1703 ft <sup>3</sup>	1834 ft <sup>3</sup>	1441 ft <sup>3</sup>	1563 ft <sup>3</sup>	1547 ft <sup>3</sup>	1678 ft <sup>3</sup>
40' 0" Length, 72" Height SL	1587 ft <sup>3</sup>	1709 ft <sup>3</sup>	---	---	1441 ft <sup>3</sup>	1563 ft <sup>3</sup>	---	---
40' 0" Length, 78" Height	1735 ft <sup>3</sup>	1857 ft <sup>3</sup>	1861 ft <sup>3</sup>	1992 ft <sup>3</sup>	1589 ft <sup>3</sup>	1711 ft <sup>3</sup>	1705 ft <sup>3</sup>	1836 ft <sup>3</sup>

## BULK COMMODITY

PRODUCTS	LBS. PER	LBS. PER
	CUBIC FT	BUSHEL
alfalfa meal	17	21
alfalfa seed	48	60
barley,whole	38	47
beans	50	62
bran	16	20
brewer's grain, dry	42	52
corn,cracked	45-50	56-62
corn,shelled	45	56
cottonseed	26	32
cornmeal	38-40	47-50
cottonseed meal	35-40	44-50
dirt,common dry	70-80	-
fertilizer	60	-
flaxseed	45	56
flaxseed meal	25	31

*Cubic Feet (ft<sup>3</sup>) ÷ 1.244 = Bushel*

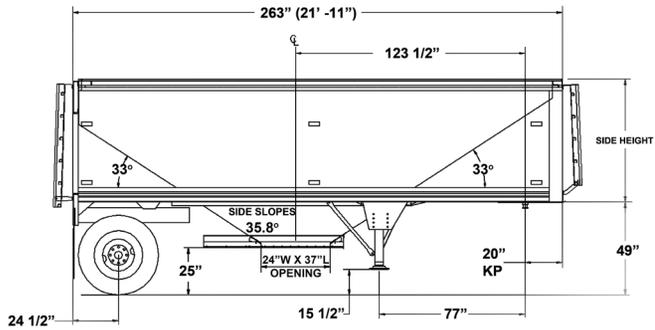
# PRODUCT CHART

PRODUCTS	LBS. PER CUBIC FT	LBS. PER BUSHEL
gravel, dry	90-100	-
limestone, loose	100	-
limestone, pulverized	85-90	-
oats	26	32
oats, crushed	22	27
molasses feed	40	50
potash	80	-
rice, hulled	45-48	56-60
sand, dry	90-110	-
soybeans, whole	45-50	56-62
soybean meal	40	50
soybeans, cracked	32-36	40-45
sunflower seed	19-26	24-32
wheat, cracked	40-45	50-56
wheat	45-48	56-60

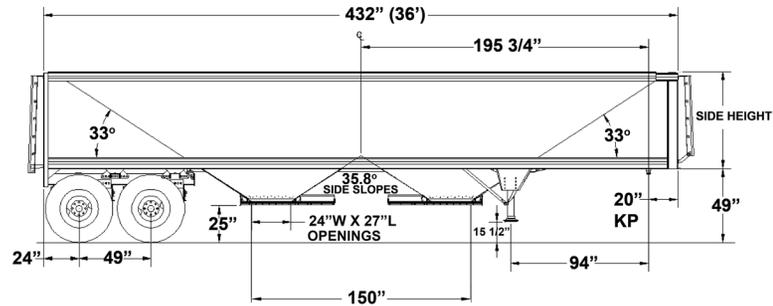
Capacity of Corn, Shelled

LENGTH & HEIGHT	HEAPED 9"				WATER LEVEL			
	96" Wide		102" Wide		96" Wide		102" Wide	
	Ag	Split	Ag	Split	Ag	Split	Ag	Split
40' 0" Length, 84" Height	1886 ft <sup>3</sup>	2008 ft <sup>3</sup>	2019 ft <sup>3</sup>	2150 ft <sup>3</sup>	1735 ft <sup>3</sup>	1857 ft <sup>3</sup>	1863 ft <sup>3</sup>	1994 ft <sup>3</sup>
42' 2" Length, 66" Height	1468 ft <sup>3</sup>	1602 ft <sup>3</sup>	1576 ft <sup>3</sup>	1720 ft <sup>3</sup>	1319 ft <sup>3</sup>	1453 ft <sup>3</sup>	1417 ft <sup>3</sup>	1561 ft <sup>3</sup>
42' 2" Length, 66" Height SL	1,468 ft <sup>3</sup>	1,602 ft <sup>3</sup>	---	---	1,319 ft <sup>3</sup>	1,453 ft <sup>3</sup>	---	---
42' 2" Length, 72" Height	1,619 ft <sup>3</sup>	1,753 ft <sup>3</sup>	1,738 ft <sup>3</sup>	1,882 ft <sup>3</sup>	1,467 ft <sup>3</sup>	1,601 ft <sup>3</sup>	1,576 ft <sup>3</sup>	1,720 ft <sup>3</sup>
42' 2" Length, 72" Height SL	1,619 ft <sup>3</sup>	1,753 ft <sup>3</sup>	---	---	1,467 ft <sup>3</sup>	1,601 ft <sup>3</sup>	---	---
42' 2" Length, 78" Height	1,776 ft <sup>3</sup>	1,910 ft <sup>3</sup>	1,904 ft <sup>3</sup>	2,048 ft <sup>3</sup>	1,622 ft <sup>3</sup>	1,756 ft <sup>3</sup>	1,739 ft <sup>3</sup>	1,883 ft <sup>3</sup>
42' 2" Length, 84" Height	1,932 ft <sup>3</sup>	2,066 ft <sup>3</sup>	2,070 ft <sup>3</sup>	2,214 ft <sup>3</sup>	1,778 ft <sup>3</sup>	1,912 ft <sup>3</sup>	1,905 ft <sup>3</sup>	2,049 ft <sup>3</sup>
42' 2" Length, 90" Height	2,087 ft <sup>3</sup>	2,221 ft <sup>3</sup>	2,235 ft <sup>3</sup>	2,379 ft <sup>3</sup>	1,933 ft <sup>3</sup>	2,067 ft <sup>3</sup>	2,070 ft <sup>3</sup>	2,214 ft <sup>3</sup>
43' 0" Length, 72" Height	1,742 ft <sup>3</sup>	1,887 ft <sup>3</sup>	1,867 ft <sup>3</sup>	2,025 ft <sup>3</sup>	1,586 ft <sup>3</sup>	1,731 ft <sup>3</sup>	1,700 ft <sup>3</sup>	1,858 ft <sup>3</sup>
43' 0" Length, 78" Height	1,908 ft <sup>3</sup>	2,053 ft <sup>3</sup>	2,043 ft <sup>3</sup>	2,201 ft <sup>3</sup>	1,752 ft <sup>3</sup>	1,897 ft <sup>3</sup>	1,876 ft <sup>3</sup>	2,034 ft <sup>3</sup>
43' 0" Length, 84" Height	2,075 ft <sup>3</sup>	2,220 ft <sup>3</sup>	2,221 ft <sup>3</sup>	2,379 ft <sup>3</sup>	1,919 ft <sup>3</sup>	2,064 ft <sup>3</sup>	2,054 ft <sup>3</sup>	2,212 ft <sup>3</sup>
43' 0" Length, 90" Height	2,242 ft <sup>3</sup>	2,387 ft <sup>3</sup>	2,399 ft <sup>3</sup>	2,557 ft <sup>3</sup>	2,086 ft <sup>3</sup>	2,231 ft <sup>3</sup>	2,232 ft <sup>3</sup>	2,390 ft <sup>3</sup>
43' 0" Length, 96" Height	2,409 ft <sup>3</sup>	2,554 ft <sup>3</sup>	2,577 ft <sup>3</sup>	2,735 ft <sup>3</sup>	2,253 ft <sup>3</sup>	2,398 ft <sup>3</sup>	2,410 ft <sup>3</sup>	2,568 ft <sup>3</sup>
43' 0" Length, 102" Height	2,576 ft <sup>3</sup>	2,721 ft <sup>3</sup>	2,755 ft <sup>3</sup>	2,913 ft <sup>3</sup>	2,420 ft <sup>3</sup>	2,565 ft <sup>3</sup>	2,588 ft <sup>3</sup>	2,746 ft <sup>3</sup>
48' 0" Length, 66" Height	1,581 ft <sup>3</sup>	1,726 ft <sup>3</sup>	---	---	1,425 ft <sup>3</sup>	1,570 ft <sup>3</sup>	---	---
48' 0" Length, 72" Height	1,752 ft <sup>3</sup>	1,897 ft <sup>3</sup>	---	---	1,592 ft <sup>3</sup>	1,737 ft <sup>3</sup>	---	---
48' 0" Length, 78" Height	1,923 ft <sup>3</sup>	2,068 ft <sup>3</sup>	2,059 ft <sup>3</sup>	2,217 ft <sup>3</sup>	1,760 ft <sup>3</sup>	1,905 ft <sup>3</sup>	1,884 ft <sup>3</sup>	2,042 ft <sup>3</sup>
48' 0" Length, 84" Height	---	---	2,242 ft <sup>3</sup>	2,400 ft <sup>3</sup>	---	---	2,064 ft <sup>3</sup>	2,222 ft <sup>3</sup>
48' 0" Length, 90" Height	---	---	2,425 ft <sup>3</sup>	2,583 ft <sup>3</sup>	---	---	2,244 ft <sup>3</sup>	2,402 ft <sup>3</sup>
50' 0" Length, 66" Height	1,581 ft <sup>3</sup>	1,726 ft <sup>3</sup>	---	---	1,424 ft <sup>3</sup>	1,569 ft <sup>3</sup>	---	---
50' 0" Length, 72" Height	1,753 ft <sup>3</sup>	1,898 ft <sup>3</sup>	1,879 ft <sup>3</sup>	2,037 ft <sup>3</sup>	1,591 ft <sup>3</sup>	1,736 ft <sup>3</sup>	1,706 ft <sup>3</sup>	1,864 ft <sup>3</sup>
50' 0" Length, 72" Height SL	1,785 ft <sup>3</sup>	1,930 ft <sup>3</sup>	---	---	1,594 ft <sup>3</sup>	1,739 ft <sup>3</sup>	---	---
50' 0" Length, 78" Height	1,929 ft <sup>3</sup>	2,074 ft <sup>3</sup>	2,065 ft <sup>3</sup>	2,223 ft <sup>3</sup>	1,762 ft <sup>3</sup>	1,907 ft <sup>3</sup>	1,886 ft <sup>3</sup>	2,044 ft <sup>3</sup>
50' 0" Length, 84" Height	2,103 ft <sup>3</sup>	2,248 ft <sup>3</sup>	2,250 ft <sup>3</sup>	2,408 ft <sup>3</sup>	1,933 ft <sup>3</sup>	2,078 ft <sup>3</sup>	2,068 ft <sup>3</sup>	2,226 ft <sup>3</sup>
50' 0" Length, 90" Height	---	---	2,434 ft <sup>3</sup>	2,592 ft <sup>3</sup>	---	---	2,249 ft <sup>3</sup>	2,407 ft <sup>3</sup>

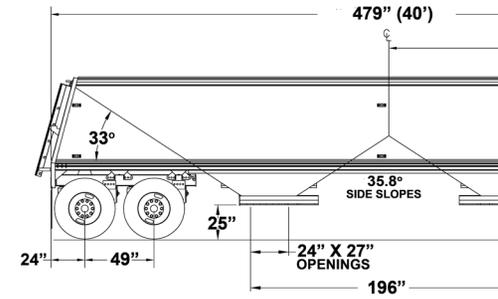
# Diagrams



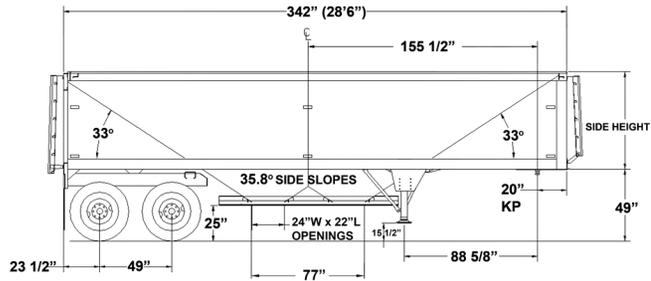
**21' 11" SUPER HOPPER**



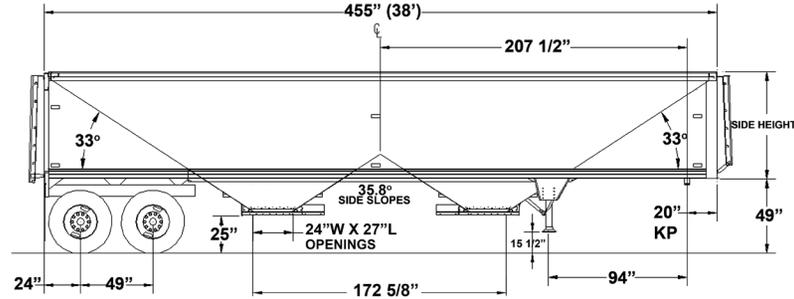
**36' SUPER HOPPER**



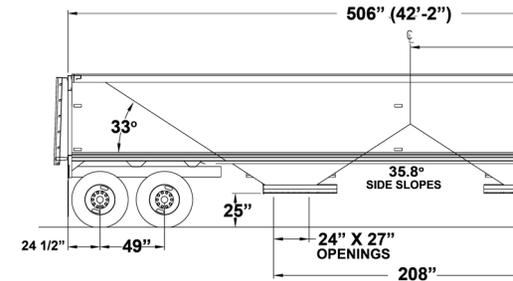
**40' SUPER HOPPER SL**



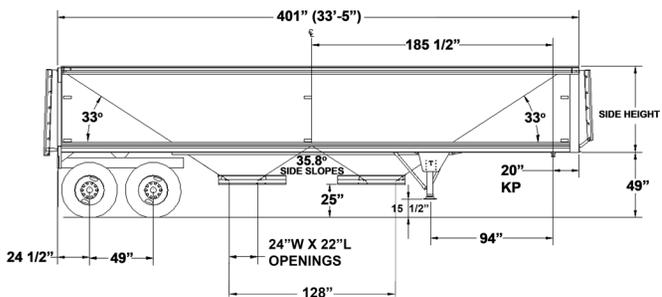
**28' 6" SUPER HOPPER**



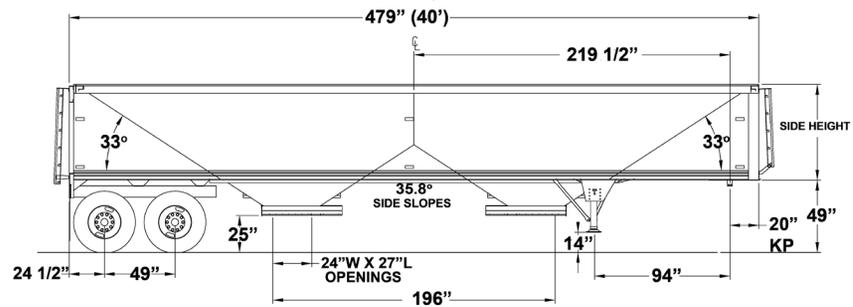
**38' SUPER HOPPER**



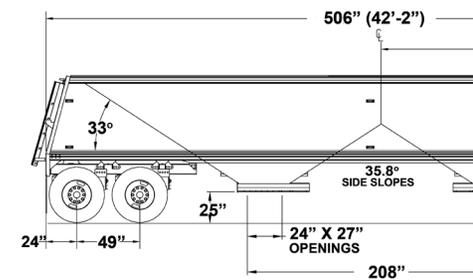
**42' 2" SUPER HOPPER**



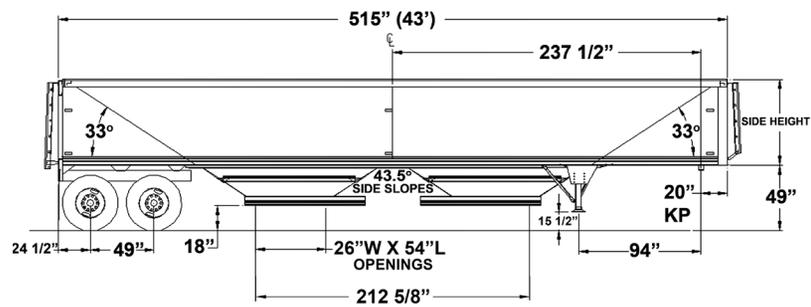
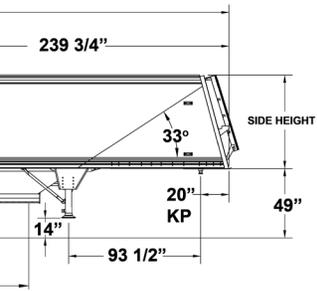
**33' 5" SUPER HOPPER**



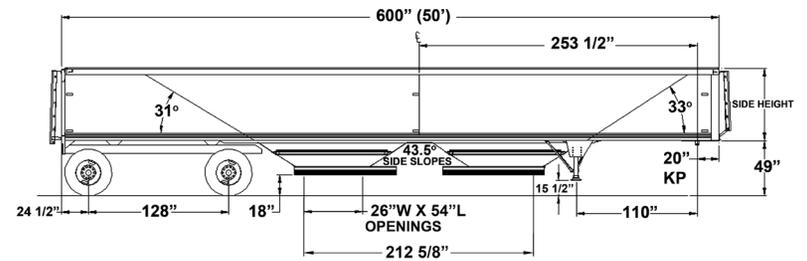
**40' SUPER HOPPER**



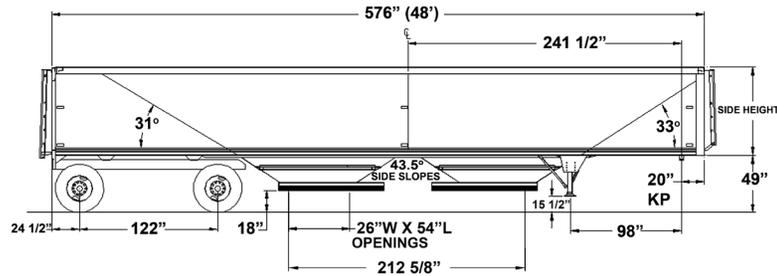
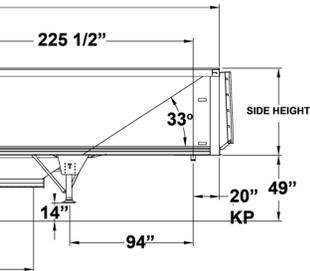
**42' 2" SUPER HOPPER SL**



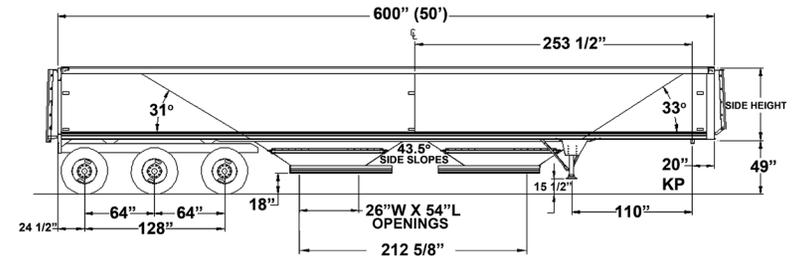
**43' SUPER CUBE**



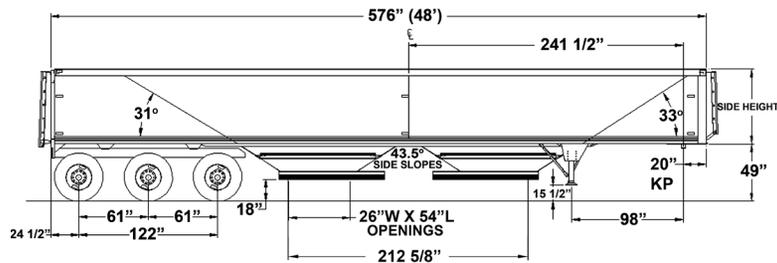
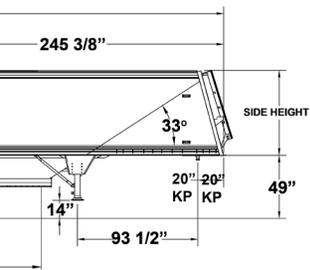
**50' SPREAD-AXLE SUPER HOPPER**



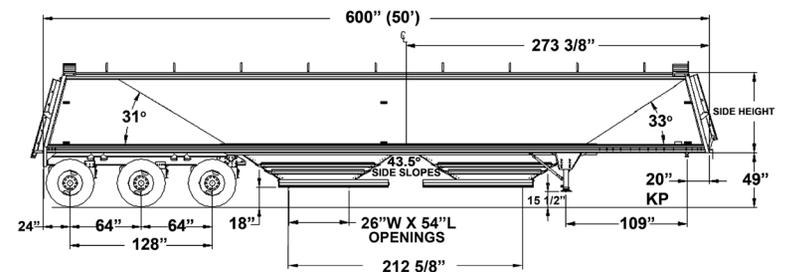
**48' SPREAD-AXLE SUPER HOPPER**



**50' TRI-AXLE SUPER HOPPER**



**48' TRI-AXLE SUPER HOPPER**



**50' SUPER HOPPER SL**