



# Omaha Standard

*Manufacturer of Hoists for 35 Years*

## Drop Hinge Low Profile

# DUMP TRAILER HOISTS



- *For 6' to 20' long trailers*
- *Low mounting height*
- *Factory installed safety prop*
- *High strength steel construction*
- *3-year limited warranty*

**A precision engineered hoist to fit your needs for any trailer.**

**America's Standard In Dump Trailer Hoists**

# Drop Hinge Low Profile Dump Trailer Hoists

NOTE: \* = Not a Recommended Application

## MODEL 415 DTH

### 8' to 10' Trailers

- Available with single or double acting electric pumps
- Cylinder specifications: 4½" bore; 15¼" stroke; 2" diameter rod
- Mounting height: 6¼"
- Unique tapered hoist frame
- Capacity range: 5.2 - 11.6 tons
- Conversion class: B
- Approximate weight: 262 lbs.



## MODEL 415 DTH LIFTING CAPACITIES

TRAILER LENGTH	OVERHANG	CAPACITIES AT SPECIFIED DUMP ANGLE		
		40° (TONS)	45° (TONS)	50° (TONS)
8'	12"	9.6	8.7	7.8
8'	18"	*	10.4	9.4
9'	12"	8.3	7.4	6.7
9'	24"	11.6	10.4	9.4
10'	12"	7.2	6.5	5.9
10'	24"	9.6	8.7	7.8
12'	18"	6.4	5.8	5.2
12'	24"	7.2	6.5	5.9
<b>MOUNTING DISTANCE</b>		<b>85.00"</b>	<b>76.25"</b>	<b>69.00"</b>

Capacity varies with location of rear hinge.

Both models 415 DTH and 515 DTH share the same unique tapered frame and have lubricated fittings at all pivots and a low mounting height of 6¼".

## MODEL 515 DTH

### 9' to 14' Trailers

- Available with single or double acting electric pumps
- Cylinder specifications: 5" bore; 15¼" stroke; 2" diameter rod
- Mounting height: 6¼"
- Unique tapered hoist frame
- Capacity range: 4.8 - 14.3 tons
- Conversion class: C
- Approximate weight: 268 lbs.



## MODEL 515 DTH LIFTING CAPACITIES

TRAILER LENGTH	OVERHANG	CAPACITIES AT SPECIFIED DUMP ANGLE		
		40° (TONS)	45° (TONS)	50° (TONS)
9'	24"	14.3	12.8	11.6
10'	12"	8.9	8.0	7.3
10'	24"	11.9	10.7	9.7
12'	12"	7.1	6.4	5.8
12'	24"	8.9	8.0	7.3
14'	12"	6.0	5.3	4.8
14'	24"	7.1	6.4	5.8
<b>MOUNTING DISTANCE</b>		<b>85.00"</b>	<b>76.25"</b>	<b>69.00"</b>

Capacity varies with location of rear hinge.

## MODEL 519 DTH

### 10' to 16' Trailers

- Available with single or double acting electric pumps
- Cylinder specifications: 5½" bore; 19¼" stroke; 2" diameter rod
- Mounting height: 6¾"
- Capacity range: 6.0 - 15.4 tons
- Conversion class: D
- Approximate weight: 448 lbs.



## MODEL 519 DTH LIFTING CAPACITIES

TRAILER LENGTH	OVERHANG	CAPACITIES AT SPECIFIED DUMP ANGLE		
		40° (TONS)	45° (TONS)	50° (TONS)
10'	12"	*	11.6	10.5
10'	24"	*	15.4	14.0
12'	12"	10.3	9.2	8.4
12'	24"	12.9	11.6	10.5
14'	12"	8.6	7.7	7.0
14'	24"	10.3	9.2	8.4
16'	12"	7.4	6.6	6.0
16'	24"	8.6	7.7	7.0
<b>MOUNTING DISTANCE</b>		<b>110.50"</b>	<b>98.75"</b>	<b>89.50"</b>

Capacity varies with location of rear hinge.

**CAUTION:** The combined weight of the trailer, hoist, platform, sides and cargo must not exceed the G.V.W.R. of the vehicle. The completed vehicle must meet all applicable federal, state, local and vehicle manufacturer laws and standards.

NOTE: Lifting capacity chart does not necessarily indicate recommended application.

All Omaha Standard Dump Trailer Hoists are covered by a 3-year limited warranty.

Omaha Standard reserves the right to modify, change or revise published specifications and furnish products so altered without prior notice.

NOTE: Mounting distance is measured from the center of the hinge point to the hoist lift point on the trailer.

NOTE: All lifting capacity ratings are gross load (trailer and cargo) and are based on proper trailer length, overhang, mounting distance, and a level load.

## DROP HINGE LOW PROFILE DUMP TRAILER HOIST FEATURES

- 3-year limited warranty
- Heavily chromed and polished cylinder piston rods for longer seal life
- Low mounting height
- Made from special high strength steel to reduce overall weight
- Pre-installed, integrated safety prop automatically positions itself, stores securely out of the way when not in use
- Electrocoat black acrylic topcoat for optimum rust resistance

### MODEL 520 DTH

#### 12' to 16' Trailers

- Available with single or double acting electric pumps
- Cylinder specifications: 5" bore; 19" stroke; 2" diameter rod
- Lost motion device means low 6¾" mounting height
- Capacity range: 7.1 - 15.4 tons
- Conversion class: D
- Approximate weight: 463 lbs.



### MODEL 625 DTH

#### 12' to 18' Trailers

- Available with single acting electric pump
- Cylinder specifications: 6" bore; 25" stroke; 2½" diameter rod
- Lost motion device means low 7⅞" mounting height
- Capacity range: 9.5 - 21.1 tons
- Conversion class: E
- Approximate weight: 575 lbs.



### MODEL 630 DTH

#### 14' to 20' Trailers

- Cylinder specifications: 6" bore; 29" stroke; 2½" diameter rod
- Lost motion device means low 7¾" mounting height
- Capacity range: 10.0 - 22.2 tons
- Conversion class: F
- Approximate weight: 631 lbs.



### MODEL 520 DTH LIFTING CAPACITIES

TRAILER LENGTH	OVERHANG	CAPACITIES AT SPECIFIED DUMP ANGLE		
		40° (TONS)	45° (TONS)	50° (TONS)
12'	12"	12.3	11.0	10.0
12'	24"	15.4	13.7	12.4
14'	12"	10.2	9.2	8.3
14'	24"	12.3	11.0	10.0
16'	12"	8.8	7.8	7.1
16'	24"	10.2	9.2	8.3
<b>MOUNTING DISTANCE</b>		<b>96.25"</b>	<b>86.25"</b>	<b>78.25"</b>

Capacity varies with location of rear hinge.

### MODEL 625 DTH LIFTING CAPACITIES

TRAILER LENGTH	OVERHANG	CAPACITIES AT SPECIFIED DUMP ANGLE		
		40° (TONS)	45° (TONS)	50° (TONS)
12'	12"	18.8	16.8	15.2
12'	24"	-	21.1	19.1
14'	12"	15.7	14.0	12.7
14'	24"	18.8	16.8	15.2
16'	12"	13.5	12.0	10.9
16'	24"	15.7	14.0	12.7
18'	12"	11.8	10.5	9.5
18'	24"	13.5	12.0	10.9
<b>MOUNTING DISTANCE</b>		<b>125.25"</b>	<b>112.00"</b>	<b>78.25"</b>

Capacity varies with location of rear hinge.

### MODEL 630 DTH LIFTING CAPACITIES

TRAILER LENGTH	OVERHANG	CAPACITIES AT SPECIFIED DUMP ANGLE		
		40° (TONS)	45° (TONS)	50° (TONS)
14'	12"	18.5	16.6	15.0
14'	24"	22.2	19.9	18.0
16'	12"	15.9	14.2	12.9
16'	24"	18.5	16.6	15.0
18'	12"	13.9	12.4	11.3
18'	24"	15.9	14.2	12.9
20'	12"	12.3	11.0	10.0
20'	24"	13.9	12.4	11.3
<b>MOUNTING DISTANCE</b>		<b>145.25"</b>	<b>130.00"</b>	<b>118.00"</b>

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## OMAHA STANDARD E-COAT PAINT

### *If Rust is a Problem...*

All Omaha Standard hoists are black acrylic electrocoated to make them more durable and corrosion resistant giving you more value for your money.



***E-Coat is the Solution!***



Unlike traditional spray-painting and powder coating that can leave parts of products unprotected, Omaha Standard's immersion e-coating process insures complete paint coverage. E-coat is environment-friendly, recyclable, and economical with the paint electrically bonded to a precise thickness over the entire product with no paint wasted.

# Heavy Duty Platforms and Side Assemblies

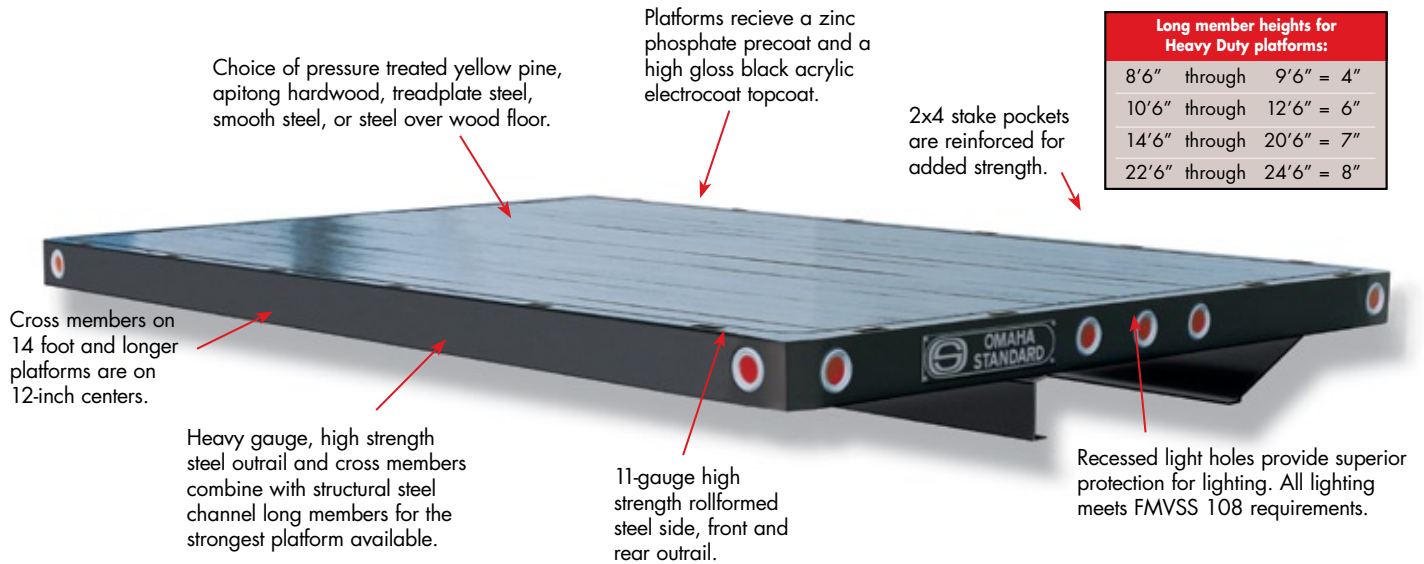
**Omaha Standard manufactures a full line of bodies suitable for trailer applications.**

## HEAVY DUTY PLATFORMS

### Heavy Duty Platforms

For medium and heavy duty commercial and agricultural uses.

The heavy-duty welded construction, high-grade materials and user friendly design of every Omaha Standard platform insure value and durability for years to come.



Long member heights for Heavy Duty platforms:	
8'6" through 9'6"	= 4"
10'6" through 12'6"	= 6"
14'6" through 20'6"	= 7"
22'6" through 24'6"	= 8"

96-inch wide standard, 102-inch wide available.

## SIDE ASSEMBLIES

### PLATFORM DIMENSIONS AND WEIGHTS\*

PLATFORM DIMENSIONS	HEAVY DUTY PLATFORMS			
	WOOD	SMOOTH STEEL	TREAD-PLATE 1/8"	TREAD-PLATE 3/16"
8'6" X 82"	524	695	718	847
8'6" X 96"	561	751	778	928
9'6" X 82"	627	839	870	1,038
9'6" X 96"	755	872	826	1,137
10'6" X 96"	836	964	918	1,258
12'6" X 96"	984	1,137	1,076	1,563
14'6" X 96"	1,168	1,346	1,280	1,951
15'6" X 96"	1,301	1,489	1,418	2,087
16'6" X 96"	1,433	1,637	1,561	2,224
18'6" X 96"	1,576	1,724	1,729	2,333
20'6" X 96"	1,744	1,816	1,902	2,766

\*All weights are shown in pounds and are approximate.

### Grain Body Sides



(RED COLOR IS OPTIONAL)

### Solid Steel Stake Sides



### RACK SELECTIONS AND WEIGHTS\*

PLATFORM DIMENSIONS	40" SOLID STEEL SIDES	52" SOLID STEEL SIDES
9'6" x 96"	520	—
10'6" x 96"	530	—
9'6" x 96"	590	880
14'6" x 96"	635	965
16'6" x 96"	690	1055
18'6" x 96"	745	1140
20'6" x 96"	780	1225

\*All weights are shown in pounds and are approximate.

Proud Member of  
**natm**  
NATIONAL ASSOCIATION OF TRAILER MANUFACTURERS  
Building Safer Trailers for Tomorrow

## America's Standard in Dump Trailer Hoists

We Create Value...  
**Omaha Standard**



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