



Omaha Standard “Super Eagle Dump” Body Specification Sheet

06/06

I. INSIDE DIMENSIONS:

- A. Length: 8', 9', 10', 11'.
- B. Width: Inside = 85.5" / Outside = 96".
- C. Side heights: 18".
- D. End heights: 24".

II. FRONT:

- A. 10 Ga. (.134") high-strength steel (50,000 p.s.i. yield) construction.
- B. Formed top rail.
- C. Fully welded to front corner posts and structural crossill.

III. SIDES:

- A. 10 Ga. (.134") high-strength steel (50,000 p.s.i. yield) construction.
- B. Continuously welded vertical supports with drain holes.
- C. Rock shedding top rail & 30° slope rub rail.
- D. Clearance lights recessed & located in full depth boxed rear corner posts.
- E. Brackets for 2" nominal width side board extensions.

IV. SIDE OPTIONS:

- A. Drop sides (one or both) in lieu of standard fix sides with construction strength hinges.
- B. Boxed top rail for added top rail strength.
- C. Made without center vertical supports for light duty applications.

V. TAILGATE:

- A. 10 Ga. (.134") single wall high-strength steel construction on all tailgate models.
- B. Fully boxed continuously welded construction reinforced with (2) vertical supports.
- C. 1-1/4" diameter upper & lower hinge pins. Fully removable upper hinge pins.
- D. 1" offset heavy-duty flame cut hinge plates with grease fittings to lubricate upper hinge pins.
- E. Adjustable forward linkage control with lower claw-hook style latch assembly on all tailgate models.
- F. Heavy-duty 5/16" zinc plated spreader chains on all tailgate models.

VI. TAILGATE OPTIONS:

- A. Double acting quick release tailgate with manual release 1-1/4" diameter upper hinge pins.
- B. Double acting coal chute tailgate with fully removable 1-1/4" diameter upper hinge pins, 7" x 15" coal chute opening, and industrial strength coal chute.
- C. Double acting flush mount tailgate with heavy-duty flush mount hardware and stationary 1-1/4" diameter upper hinge pins.
- D. Double acting double wall tailgate with fully removable 1-1/4" diameter upper hinge pins.

VII. FLOOR AND UNDERSTRUCTURE:



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- A. Two-piece, 10 Ga. (.134") high-strength steel (50,000 p.s.i. yield) floor with 2" radiused corners (Fixed Sides Only).
- B. Two-piece, 10 Ga. (.134") high-strength steel (50,000 p.s.i. yield) floor with formed outer edges (Drop Sides Only).
- C. 3" structural channel crossills on 15" centers.
- D. 6" structural channel runsills set for standard 34" chassis frame spacing.
- E. 6" structural tube runsills set for standard 34" chassis frame spacing, reinforced and capped at rear (524 DL Only).
- F. Full width rear apron with (3) recessed clearance lights.

VIII. FLOOR AND UNDERSTRUCTURE OPTIONS:

- A. 7 Ga. floor in lieu of 10 Ga.
- B. 12" crossill spacing in lieu of 15" crossill spacing.

IX. HOIST LIFTING CAPACITIES:

Super Eagle Dump Body				Capacity - Body & Payload		
				516	520	524
Body Length	Cab-to-Axle	CA-to- Rear Hinge	OH	3250 psi.	3250 psi.	3500 psi.
8'	60"	33"	6"	10.0 tons	N/A	11.0 tons
9'	60"	45"	6"	8.8 tons	12.4 tons	9.6 tons
10'	84"	35"	6"	7.8 tons	11.1 tons	8.5 tons
11'	84"	45"	6"	7.0 tons	9.9 tons	7.7 tons

NOTE: All lifting capacity ratings are gross load (body and cargo) and are based on proper body length, overhang, mounting distance, and a level load. Assume 3" clearance between front of body and back of cab with rear hinge location, shown above, behind the centerline of the rear axle for single axle trucks. All lifting capacity ratings, shown above, are based on 50° dump angle.

Approximate Weights:

Eagle Dump Bodies w/ Direct Lift Understructure

- DE081896 = 1,452 lbs.
- DE091896 = 1,648 lbs.
- DE101896 = 1,844 lbs.
- DE111896 = 2,038 lbs.

Eagle Dump Bodies w/ Subframe Understructure

- DE081896 = 1,352 lbs.
- DE091896 = 1,548 lbs.
- DE101896 = 1,744 lbs.
- DE111896 = 1,938 lbs.

Note: For drop side bodies add 20 lbs. to above weights.

Omaha Standard Subframe Scissor Hoists

- 516 SF-8' = 561 lbs.
- 516 SF-9' = 571 lbs.
- 516 SF-10' = 581 lbs.
- 516 SF-11' = 591 lbs.
- 524 DL-8' = 314 lbs.
- 524 DL-9' = 342 lbs.
- 524 DL-10' = 370 lbs.
- 524 DL-11' = 398 lbs.
- 520 SF-9' = 786 lbs.
- 520 SF-11' = 814 lbs.



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- 520 SF-10' = 800 lbs.

Omaha Standard Scissor Hoist

- 515 DH = 441 lbs.
- 516 DH = 491 lbs.
- 520 DH = 649 lbs.

X. PAINT:

- A. All bodies and hoists are cleaned and phosphatized prior to painting.
- B. All bodies are prime painted using a gray water-based primer. All bodies underframes are prime painted using a black water-based primer.
- C. All scissor & subframe hoists are painted using a black acrylic e-coat paint.

XI. LIGHTS:

- A. FMVSS 108 clearance & identification lights with wiring harness and shock resistant rubber grommets.