

CHOOSING THE RIGHT DUMP BODY SIZE

What is Yardage?

Yardage = the volume inside the dump body, measured in cubic yards.

1 cubic yard = $3 \text{ ft} \times 3 \text{ ft} \times 3 \text{ ft} = 27 \text{ cubic feet}$.

How to Calculate Yardage:

Measure inside length $\times$ width $\times$ height (in feet).

Multiply = cubic feet.

Divide by 27 = cubic yards.

Example:

$10 \text{ ft} \times 6 \text{ ft} \times 4 \text{ ft} = 240 \text{ cu. ft.}$

$240 \div 27 = \sim 8.9 \text{ cu. yd.}$

Things That Affect Yardage:

Material: Heavy (dirt, gravel) = smaller body; Light (mulch, chips) = bigger body.

Truck strength: Don't exceed GVWR.

Job type: Construction, landscaping, farming, etc. need different sizes.

Other Notes:

Internal features (hoist well, curved bodies) can reduce capacity by $\sim \frac{1}{2}$ –1 yard.

Always check weight limits, not just volume.

Use liners and covers to protect truck & load.

NEED HELP?

Our sales team is happy to assist. Reach out anytime and we'll work with you to find the perfect fit.

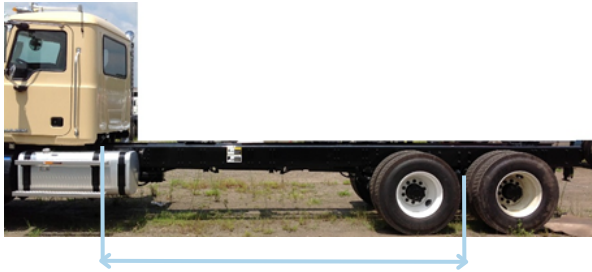
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CT & CA CHARTS

- CT – The distance from the back of the cab to the center of the tandem axle.
- CA – The distance from the back of the cab to the center of single axle.



CT for Tandem Dump	
Recommended Body Length	Chassis CT
12 ft	84" - 95"
13 ft	89" - 107"
14 ft	108" - 119"
15 ft	120" - 131"
16 ft	132" - 143"
17 ft	144" - 155"
18 ft	156" - 167"
19 ft	168" - 179"
20 ft	180" - 191"

CA for Single Axle Dump	
Recommended Body Length	Chassis CA
8 ft	56"
9 ft	68"
10 ft	80"
11 ft	96"
12 ft	108"

STANDARD LENGTHS, SIDE HEIGHTS, CAPACITIES IN CUBIC YARDS

SL

Length (feet)	10
Side Height	
24"	5
28"	6

Yardbird

Length (feet)	9	11
Side Height		
14"		3.3-4.7
18"	3.5-4.6	

DuraTuff® LD

Length (feet)	9.5	11.5
Side Height		
14"	2.8	3.4
18"	3.6	4.3

DuraTuff® MD

Length (feet)	10	11
Side Height		
20"		5-6
24"	5-6	6-7
28"	6-7	

DuraTuff® SD

Length (feet)	13	13.5	14	14.5	15	15.5	16	16.5	17	17.5	18	18.5	19	19.5
Side Height														
36"			11	11	12	12	12	13	13	14	14			
42"	12	12	13	13	14	14	15	15	15	16	16	17	17	17
48"	13	14	15	15	16	16	17	17	18	18	19	19	20	20
54"	15	16	16	17	18	18	19	19	20	20	21	22	22	22

Looking for HPT capacities? Our sales team is happy to help!
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