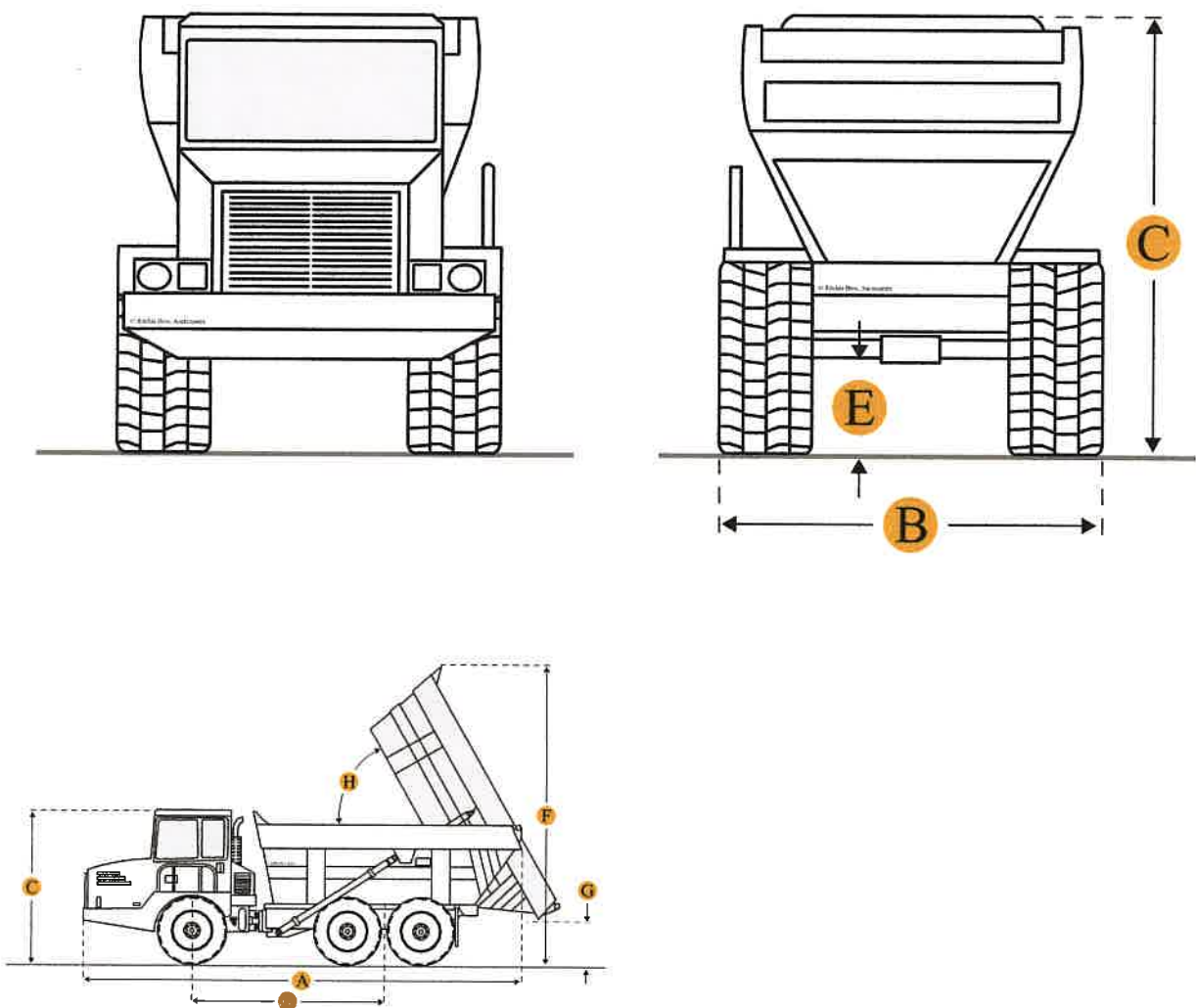


Caterpillar 740 Articulated Dump Truck



Units Imperial Metric

Dimensions

Dimensions

A	Overall Length	35.73 ft in
B	Overall Width	11.26 ft in
C	Overall Height	12.29 ft in

Net Power - Eec 80/1269	458 hp
Operational	
Fuel Capacity	148 gal
Hydraulic System Fluid Capacity	61.6 gal
Cooling System Fluid Capacity	21.2 gal
Engine Oil Capacity	10.1 gal
Transmission Fluid Capacity	19.1 gal
Tire Size	29.5R25
Transmission	
Number Of Forward Gears	7
Number Of Reverse Gears	2
Max Speed	34 mph
Forward - 1	5.5 mph
Forward - 2	7.5 mph
Forward - 3	10.2 mph
Forward - 4	13.7 mph
Forward - 5	18.6 mph
Forward - 6	25.1 mph
Forward - 7	34 mph
Reverse - 1	5.2 mph
Reverse - 2	7.2 mph
Weights	
Front Axle - Empty	42791.8 lb
Center Axle - Empty	15542.6 %
Rear Axle - Empty	14065.5 lb
Front Axle - Loaded	53528.3 %
Center Axle - Loaded	52062.2 %
Rear Axle - Loaded	50585.1 lb

D	Wheelbase	17.15 ft in
E	Ground Clearance	1.9 ft in
F	Dump Height	23.19 ft in
G	Dump Ground Clearance	2.29 ft in

Dump

H	Dump Angle	70 degrees
	Lower Time	7 sec
	Rated Payload	83775.66 lb
	Capacity - Struck	22.76 yd3
	Raise Time	12 sec
	Capacity - Heaped	29.96 yd3

Specifications

Engine

Number Of Cylinders	6
Engine Make	2236
Engine Model	C15 ACERT Technology
Gross Power	464 hp
Net Power	445 hp
Power Measured @	1700 rpm
Aspiration	Turbocharged
Displacement	926 cu in
Bore	5.4 in
Stroke	6.8 in
Net Power - Iso 9249	458 hp
Net Power - Sae J1349	453 hp
Gross Power - Sae J1995	469 hp
Engine Model	Cat C15 ACERT

Total Empty	72399.9 lb
Total Loaded	156175.5 lb
Service Refill Capacities	
Cooling System	21.1 gal
Fuel Tank	140.5 gal
Engine Crankcase	9.5 gal
Transmission	19 gal
Hydraulic System	86.6 gal
Final Drives/Differential	19 gal
Output Transfer Gear Box	4.8 gal
Standards	
Cab - Fops	ISO 3449 Level II - 2005
Cab - Rops	ISO 3471 - 2008
Brakes	ISO 3450 - 1996
Steering	ISO 5010 - 2007
Operating Weights	
Front Axle - Empty	42770 lb
Center Axle - Empty	15873 lb
Rear Axle - Empty	14330 lb
Total - Empty	72973 lb
Front Axle - Rated Load	11464 lb
Center Axle - Rated Load	37809 lb
Rear Axle - Rated Load	37809 lb
Total - Rated Load	87083 lb
Front Axle - Loaded	54234 lb
Center Axle - Loaded	53683 lb
Rear Axle - Loaded	52139 lb
Total - Loaded	160055 lb

Sound Levels

Interior Cab	79 dB(A)
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Body Capacities

Heaped (Sae 2:1)	31.4 yd3
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Struck	24.2 yd3
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Tailgate Struck	25.5 yd3
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Tailgate Heaped Sae 2:1	33.5 yd3
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Body Hoist

Raise Time	12 s
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Lower Time	7 s
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Body Plate Thickness

Front	0.4 in
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Scow	0.7 in
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Side	0.5 in
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Base	0.7 in
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Compare similar models

Manufacturer/Model	Capacity - Heaped	Net Power	Rated Payload
☐ Terex TA400	30.3 yd3	444 hp	41.9 lb
☐ Terex TA40	30.5 yd3	437 hp	83775 lb
☐ Komatsu HM400-2	29.2 yd3	438 hp	80634.1 lb

Compare

Find Caterpillar 740 Articulated Dump Truck for Sale