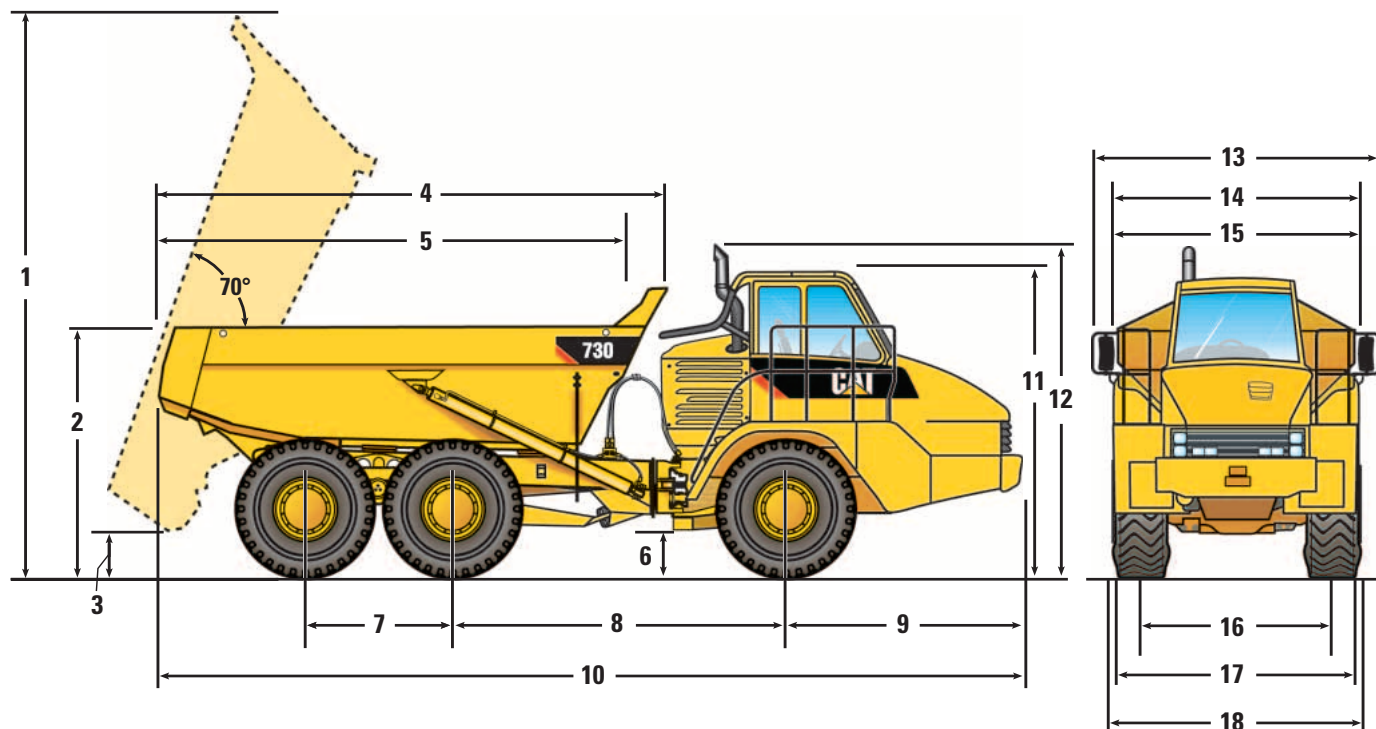


730 Articulated Truck

Dimensions



	mm	ft
1	6500	21.32
2	2890	9.5
3	555	1.82
4	5840	19.16
5*	5490	18.01
6	495	1.6
7	1700	5.6
8	3819	12.5
9	2721	8.9

	mm	ft
10	9920	32.5
11	3440	11.28
12**	3744	12.28
13	3544	11.6
14***	3268	10.72
15	2902	9.51
16	2275	7.46
17	2877	9.43
18****	2950	9.7

*Inside of body.

**Exhaust stack can be removed for transportation.

***If equipped with a scissor tailgate.

****Max-unladen over tire bulge.

730 Articulated Truck

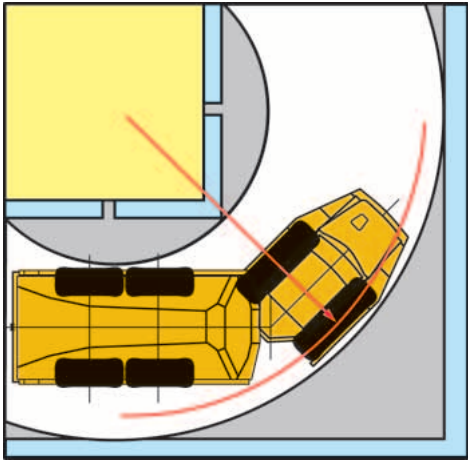
Turning Circle

Dimensions are for machines equipped with 23.5R25 tires.

Turning dimensions		
Steer angle – left/right	45°	
SAE turning radius	7254 mm	286 in
Clearance radius	7605 mm	300 in
Inside radius	3710 mm	146 in
Aisle width	4980 mm	196 in

Steering

Lock to Lock	4.75 seconds @ 60 rpm
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Optimal Loader/Truck Pass Matching

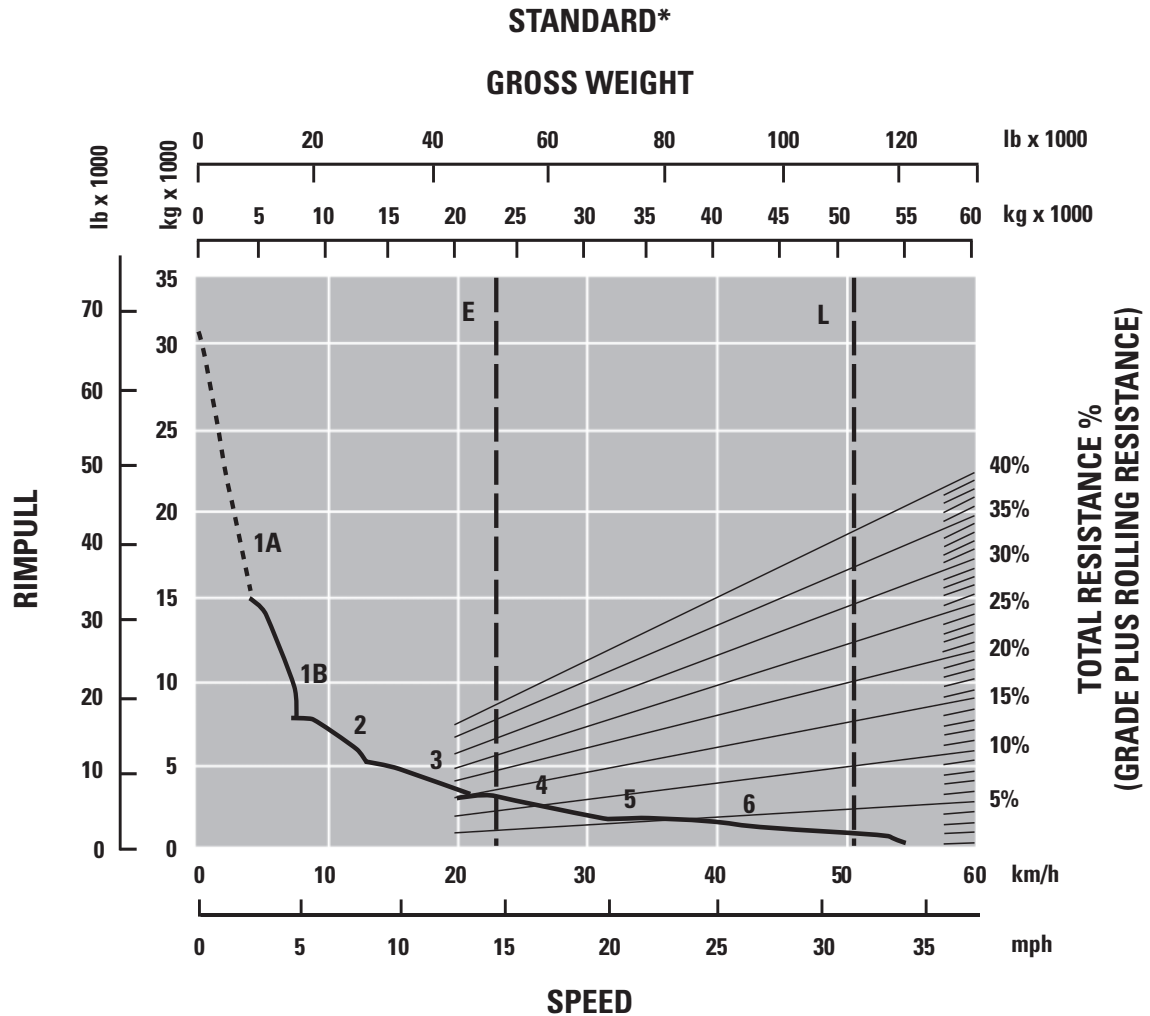
Hydraulic Excavators	345D		336D	
Passes	4-5		5-6	
Wheel Loaders	972H	966H	962H	950H
Passes	3-4	4	4-5	5

An optimum system match gives you a major productivity advantage. The 730 is an excellent match for the Cat 345D and 336D Hydraulic Excavators; and Cat 972H, 966H, 962H and 950H Wheel Loaders. This results in increased production and lower system costs per unit of volume moved.

730 Articulated Truck

Gradeability/Speed/Rimpull

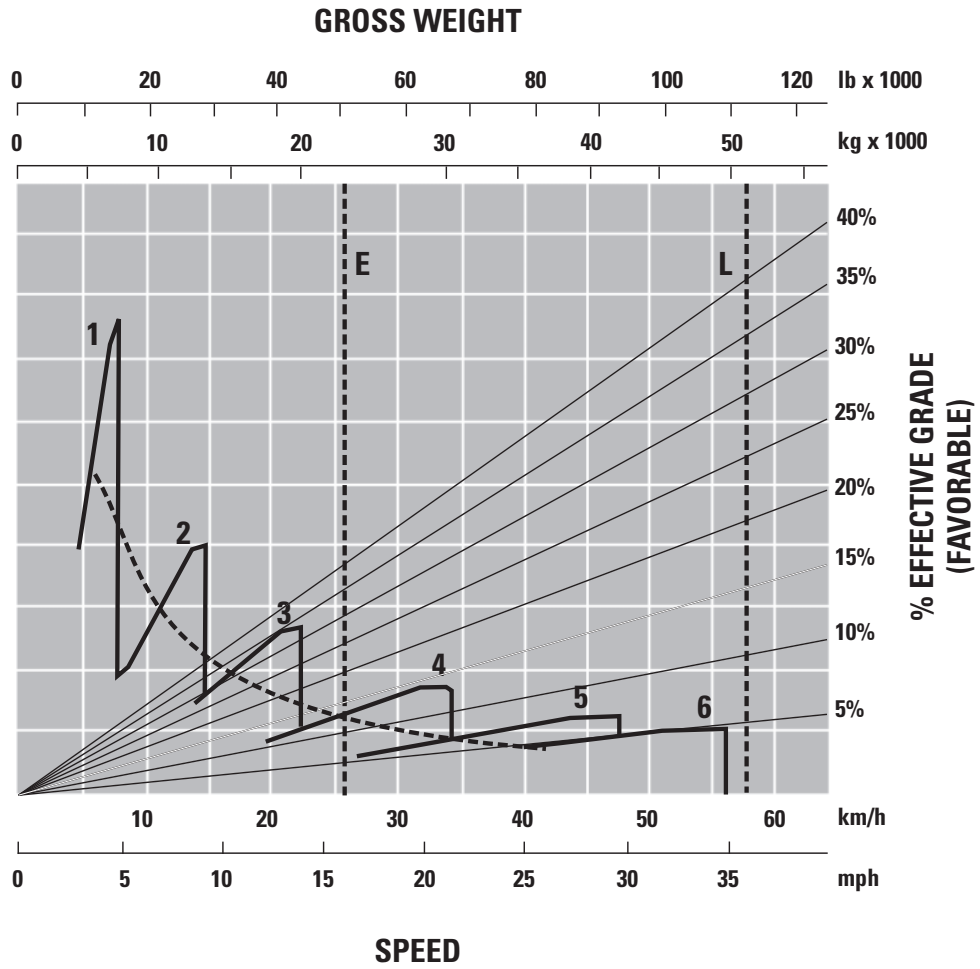
To determine performance, read from Gross Weight down to % Total Resistance. Total Resistance equals actual % grade plus 1% for each 10 kg/metric ton (20 lb/ton) of Rolling Resistance. From this point, read horizontally to the curve with the highest attainable speed range. Then, go down to Maximum Speed. Usable Rimpull depends on traction available.



730 Articulated Truck

Retarding Performance

To determine performance, read from Gross Weight down to % Effective Grade. Effective Grade equals actual % favorable grade plus 1% for each 10 kg/metric ton (20 lb/ton) of Rolling Resistance. From this point, read horizontally to the curve with the highest attainable speed range. Then, go down to Maximum Speed. Retarding effect on these curves represents full application of the retarder.



- 1 – 1st Gear
- 2 – 2nd Gear
- 3 – 3rd Gear
- 4 – 4th Gear
- 5 – 5th Gear
- 6 – 6th Gear

- E – Empty 22 850 kg (50,376 lb)
- L – Loaded 50 970 kg (112,370 lb)