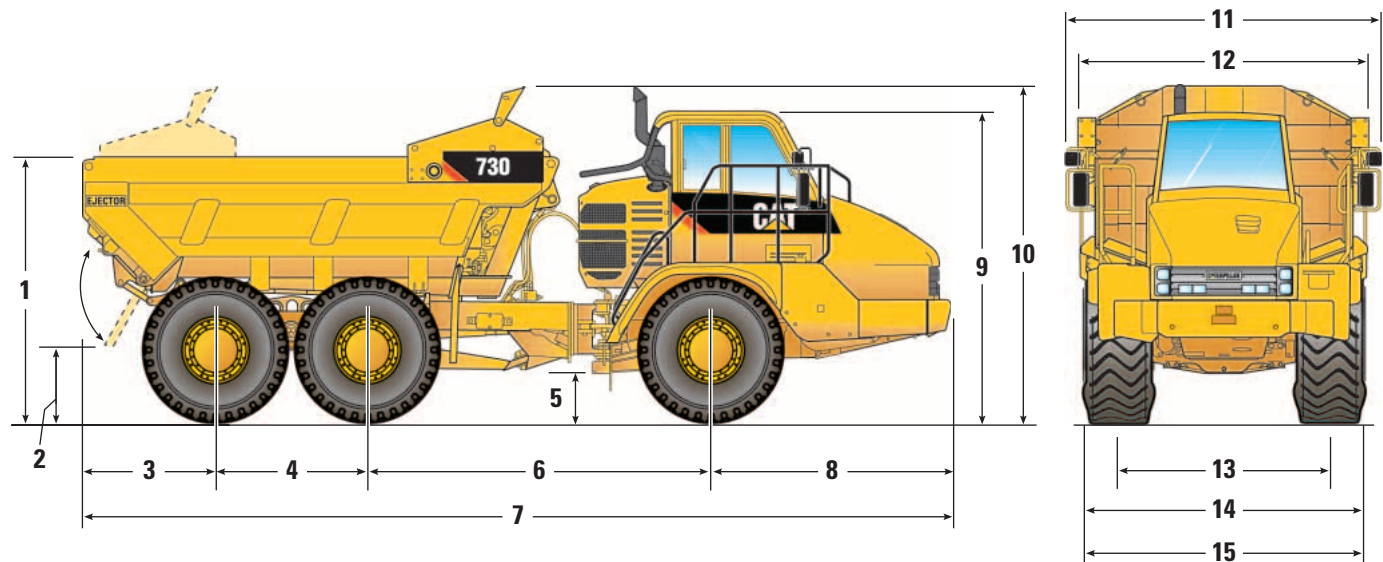


# 730 Ejector Articulated Truck

## Dimensions



	mm	ft
1	3050	10.00
2	905	2.96
3	1490	4.80
4	1700	5.50
5	495	1.60
6	3819	12.50
7	9730	31.90
8	2721	8.90

	mm	ft
9	3455	11.33
10	3755	12.32
11	3544	11.63
12	3240	10.62
13	2275	7.46
14*	3042	9.98
15**	3065	10.05

\*Over fenders.

\*\*Max-unladen over tire bulge.

# 730 Ejector Articulated Truck

## Turning Circle

Dimensions are for machines equipped with 750/65 tires.

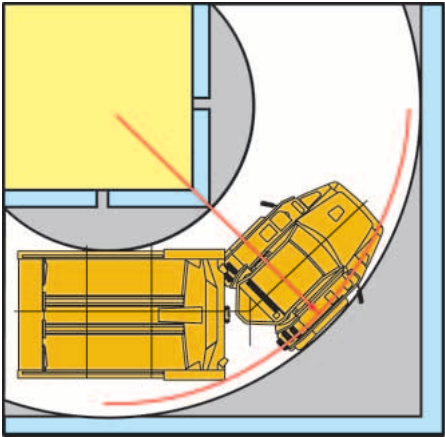
### Turning dimensions

Steer angle – left/right	45°	
SAE turning radius	7254 mm	285.6 in
Clearance radius	7694 mm	302.9 in
Inside radius	3575 mm	140.7 in
Aisle width	5166 mm	203.4 in

## Steering

Lock to Lock

4.75 seconds @ 60 rpm



## Optimal Loader/Truck Pass Matching

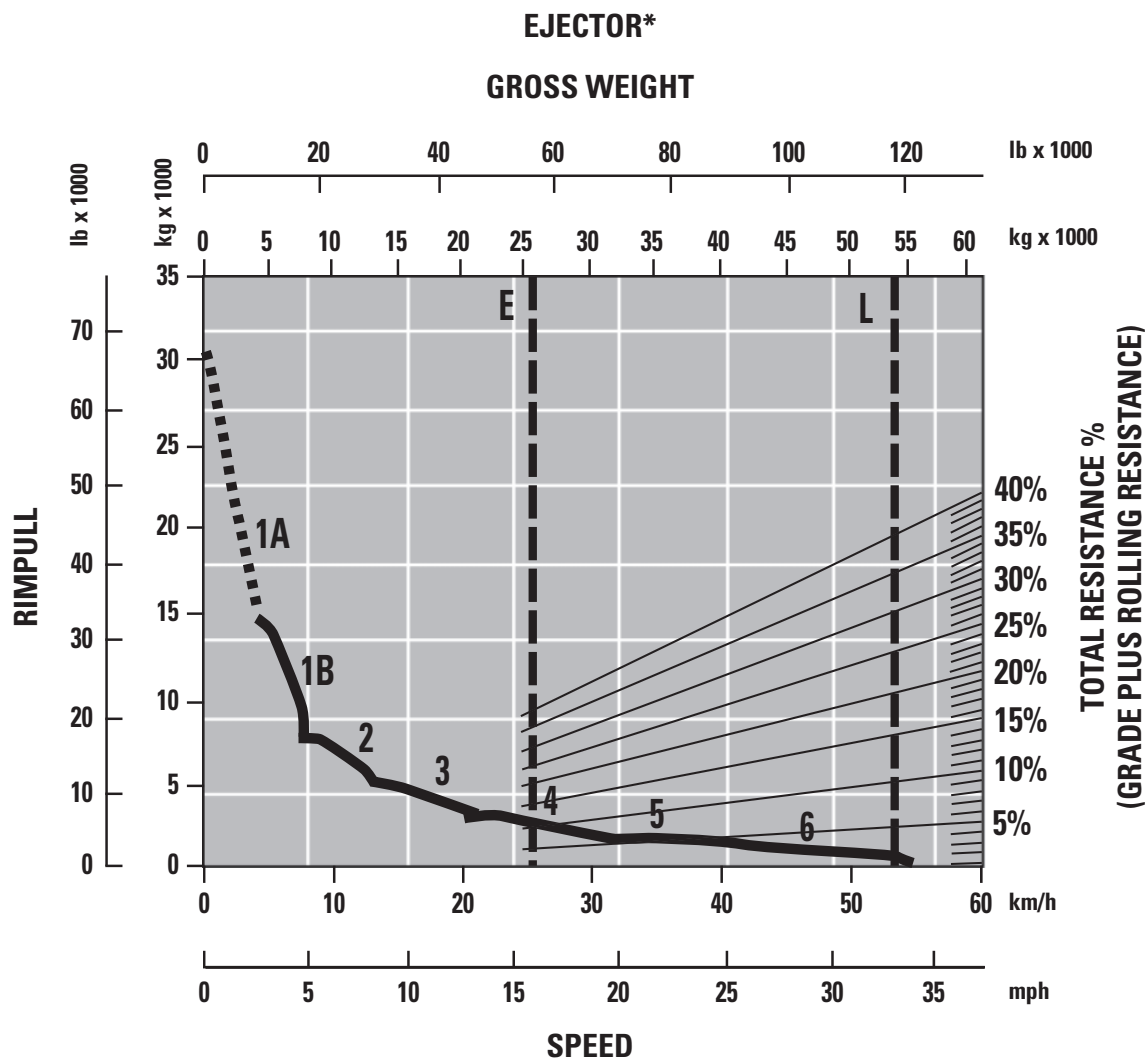
Hydraulic Excavators	345D		336D	
Passes	4-5		5-6	
Wheel Loaders	972H	966H	962H	950H
Passes	3-4	4	4-5	5

An optimum system match gives you a major productivity advantage. The 730 Ejector 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 Ejector 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.



1A – 1st Gear (Converter Drive)

1B – 1st Gear (Direct Drive)

2 – 2nd Gear

3 – 3rd Gear

4 – 4th Gear

5 – 5th Gear

6 – 6th Gear

E – Empty 25 550 kg (56,328 lb)

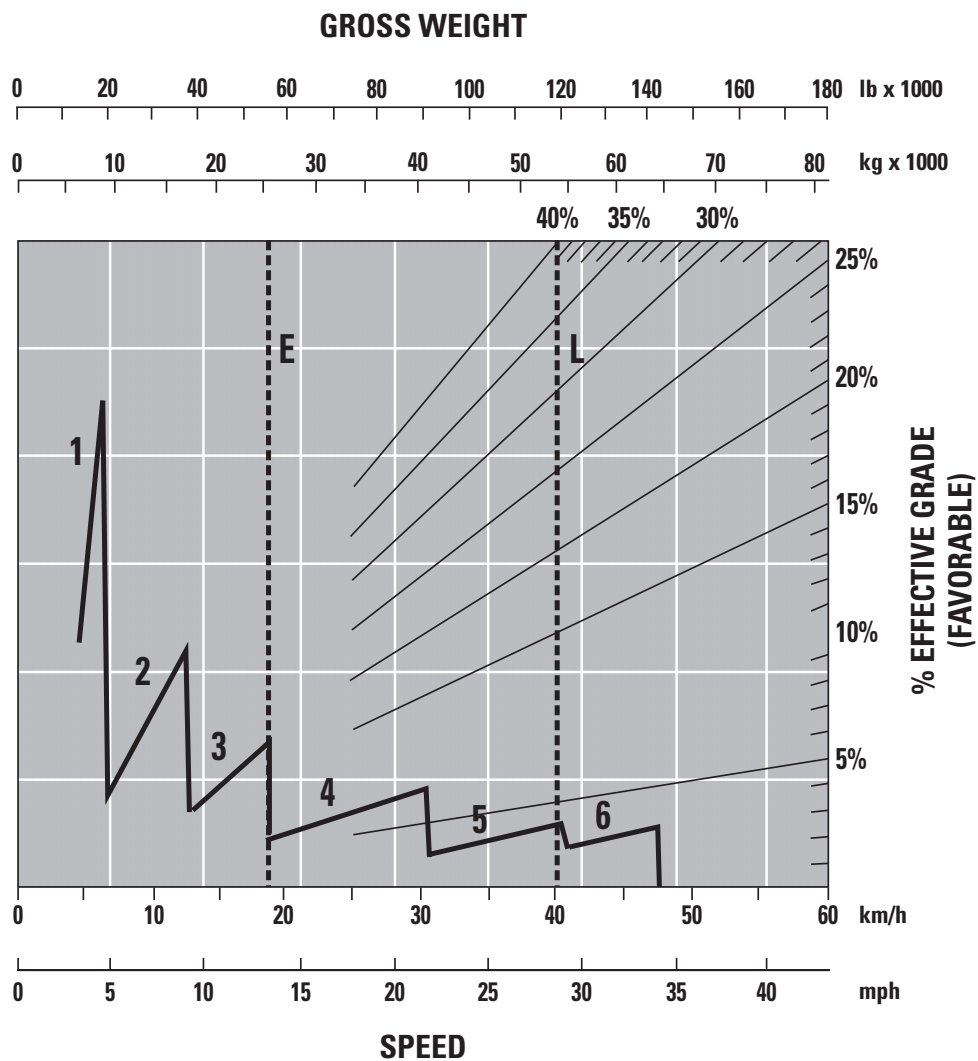
L – Loaded 53 670 kg (118,322 lb)

\* at sea level

# 730 Ejector 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 25 550 kg (56,328 lb)  
L – Loaded 53 670 kg (118,322 lb)