730 Ejector Articulated Truck

Turning Circle
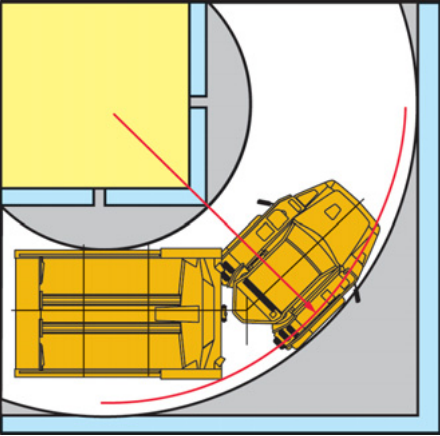
Dimensions are for machines equipped with 750/65 tires.

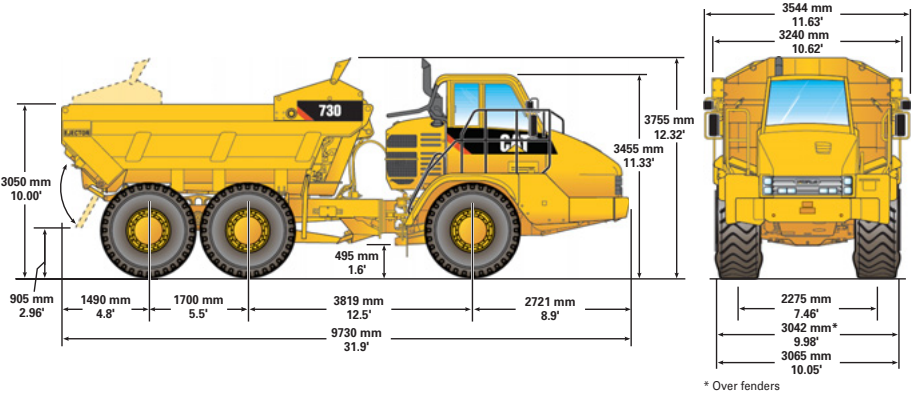### Turning dimensions

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

Dimensions

* Over fenders

Optimal Loader/Truck Pass Matching

Hydraulic Excavators	345C		330D	
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 345C and 330D 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.

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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.

EJECTOR*

GROSS WEIGHT

1A — 1st Gear	3 — 3rd Gear	E — Empty 25 550 kg (56,328 lb)
(Converter Drive)	4 — 4th Gear	L — Loaded 53 670 kg (118,322 lb)
1B — 1st Gear	5 — 5th Gear	* at sea level
(Direct Drive)	6 — 6th Gear	
2 — 2nd Gear		
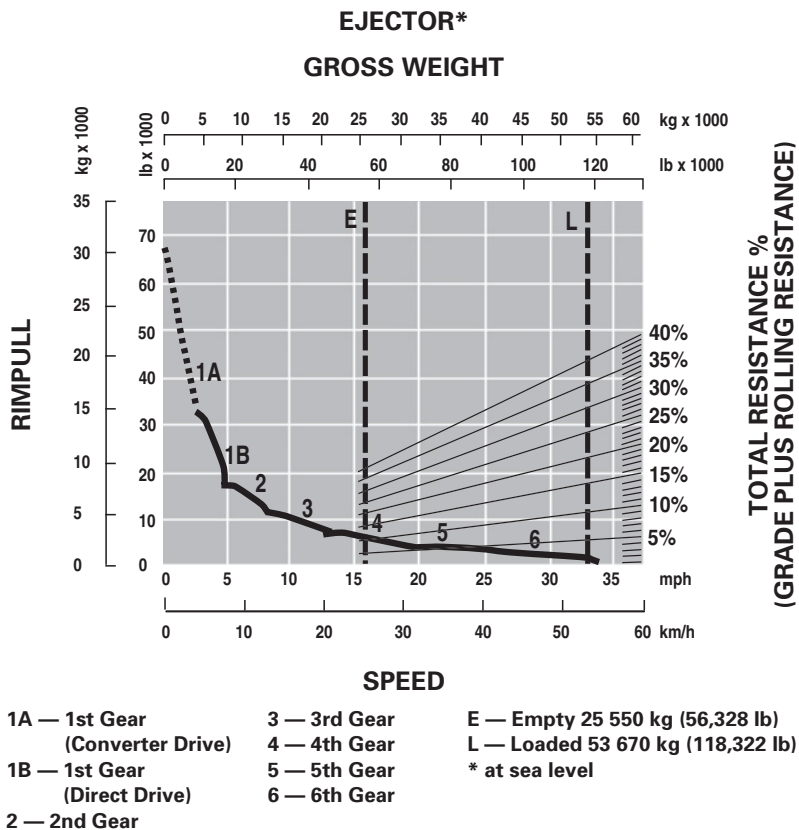
Retarding Performance

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.

GROSS WEIGHT

1 — 1st Gear	4 — 4th Gear	E — Empty 25 550 kg (56,328 lb)
2 — 2nd Gear	5 — 5th Gear	L — Loaded 53 670 kg (118,322 lb)
3 — 3rd Gear	6 — 6th Gear	