

330B

ARTICULATED TRUCK TIER III CERTIFIED

ENGINE

Model	
Case Family IV 10 liter, Tier III certified	
Type	
4-stroke, turbocharged and air to air cooled diesel	
Cylinders	In-line 6
Bore/stroke	4.82 in x 5.51 in (125 x 140 mm)
Displacement	629 in ³ (10.3 L)
Aftercooler	Yes
Horsepower per SAE J1995	
Gross	349 hp (260 kW) @ 1800 rpm
Net	334 hp (249 kW) @ 1800 rpm
Maximum torque @ 1140 rpm	
Net	1217 lb-ft (1650 N-m)

TRANSMISSION

Model	ZF 6WG260
Type	Powershift
Torque converter	Lock up all gears
Ratio	2.08:1
Gears	6 forward/3 reverse
Forward travel – mph (km/h)	
1st	3.4 (5.4)
2nd	5.2 (8.9)
3rd	8.1 (13.1)
4th	12.7 (20.9)
5th	18.6 (29.9)
6th	28.8 (46.3)
Reverse travel – mph (km/h)	
1st	3.4 (5.4)
2nd	8.1 (13.1)
3rd	18.6 (29.9)
Torque proportion – front/rear	
33.3%/66.6%	
Dropbox	Integrated
Gradeability	40% max. (18°)

BRAKES

Service – caliper	1 per wheel (6), outboard disk (6)
Parking – caliper (1)	protected disc (1) on drive shaft
Engine brake	
Transmission retarder (optional)	

TRANSFER BOX

Mounting	Integral
Ranges	1
Front axle interlock	

FRONT WHEEL ENDS

Make/model	Kessler R81 PL488
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INTERMEDIATE AND REAR DRIVE AXLES

Make/model	Kessler D81PL488
Type	Outboard Planetary
Axle	Limited slip

CHASSIS

Type	Front/rear box frame
Linkage	Universal joint

STEERING/ARTICULATION

Frame connection	4 - taper roller
Articulation angle degrees	45°
Steering turns lock-lock	4.5
Secondary steering type	Ground drive

SUSPENSION

Front type	Semi-independent arms
Front suspension	Nitrogen-oil
Rear type	2-Rocking beams
Rear suspension	Rods

LOAD BODY

Construction	Ribless
Body tipping angle	68°
Body tipping time to raise/lower - sec	13/13
Tip cylinders type	Multi stage
Power down	Yes, 1st stage
Loadover height – ft/in (mm)	9 ft 7 in (2820)

PAYLOAD

Payload - lbs (kg)	62,082 (28 160)
Capacity, struck	17.8 yd ³ (13.7 m ³)
Capacity, heaped	
SAE 2:1	23 yd ³ (17.6 m ³)

DIMENSIONS

Overall length	32 ft 11 in (10 030 mm)
Overall tire width	9 ft 9 in (2960 mm)
Overall height	11 ft 11 in (3650 mm)
Approach angle	23°
Turning radius	
Outside	27 ft 1 in (8256 mm)
Inside	13 ft 5 in (4090 mm)

CAPACITIES

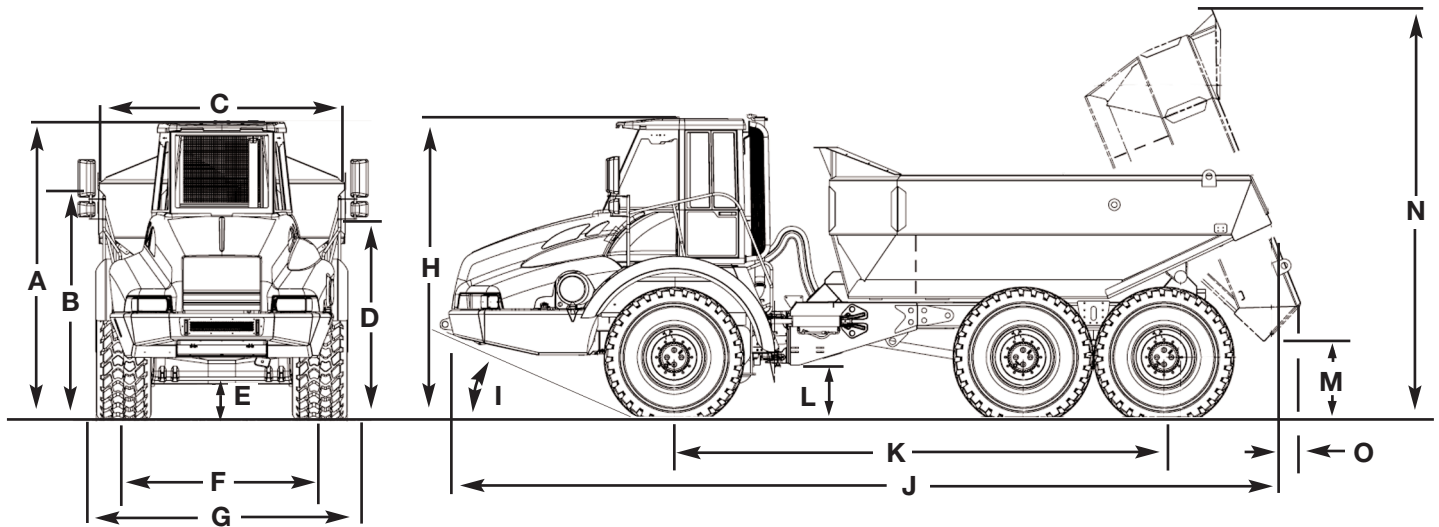
Fuel tank – gal (l)	100 (380)
Hydraulic reservoir – gal (l)	58.1 (220)
Engine oil – gal (l)	8.0 (30.5)
Transmission – gal (l)	10.0 (38)
Front wheel hubs – gal (l)	.8 (3.0)
Drive axles	
Intermediate – gal (l)	4.0 (15)
Rear – gal (l)	3.4 (13)

TIRES

Rim	5 section
Rim size	19.5 x 25
Standard tire	Tubeless 23.5 R25

WEIGHT

Weight	49,758 lb (22 570 kg)
Front:	26,455 lb (12 000 kg)
Rear:	23,303 lb (10 570 kg)
Total laden weight	111,840 lbs. (50 730 kg)



DIMENSIONS

A.	Overall height	143.7 in (3.65 m)
B.	Height to side of load body	115 in (2.92 m)
C.	Load body width	116.5 in (2.96 m)
D.	Height to load bed end	97.2 in (2.47 m)
E.	Ground clearance - rear differential	18.5 in (0.47 m)
F.	Tread width - center to center	92.9 in (2.36 m)
G.	Overall width	116.5 in (2.96 m)
H.	Height to top of cab	142.5 in (3.62 m)
I.	Approach angle	23°
J.	Overall length	394.9 in (10.03 m)
K.	Wheelbase	232.7 in (5.91 m)
L.	Ground clearance @ articulation point	24.8 in (0.63 m)
M.	Dump clearance	39.4 in (1.00 m)
N.	Maximum height - dumping position	248.4 in (6.31 m)
O.	Rear dumping clearance	17 in (0.43 m)

STANDARD EQUIPMENT

OPERATOR'S ENVIRONMENT

ROPS (SAE J1040-ISO 3471)/
FOPS (SAE J7231-ISO 3449) cab
EPA off-road certified
Heater/defroster/pressurizer
Air conditioner
Windshield wiper and washer, front and side
Rear window protection grille
Outside rear view mirrors
Rear view camera and monitor
Adjustable steering column
Air suspension driver's seat
3 inch wide retractable seat belt
Trainer seat
Radio ready
Windshield sun shade
Cup holder
24V to 12V converter

INSTRUMENTATION

Hourmeter
Tachometer (rpm)
Speedometer (mph and km/h)
Fuel level
Engine coolant temperature
Engine oil pressure
Transmission oil pressure
Transmission visual display unit

OPTIONAL EQUIPMENT

BODY

No body or hoist cylinders
Body heating kit
Rock body
Rear mechanical tailgate

TRANSMISSION

Hydraulic retarder
Auto warm up

INDICATOR LIGHTS

Alternator charging
Turn signal
Service brake pressure
Parking brake engaged
Front axle interlock
6-wheel drive engaged
Dump body raised
Warning lights test button

SWITCHES

Two speed front wiper
Front wiper washer
Side wiper washer
Interior lights
Horn
24-volt cigarette lighter w/ashtray
Hazard warning
Reverse alarm
Hi-beam lights
Turn signal

ENGINE

Tier III certified
Engine brake
Electronic fuel injection
Air cleaner – pre-cleaner

ELECTRICAL

24-volt system
140 amp hour batteries (2) – 1200 CCA
70 amp alternator
Head light, stop light, reverse light
Front and rear turn signals/flashers
12-volt wiring for radio and CB
Electrically operating tilt up hood

HYDRAULICS

Flow amplified
Hydraulic diagnostic quick couplers

EMERGENCY STEERING SYSTEM

Ground driven steering pump (1)

MISCELLANEOUS

Cab tilting system
Cold start aid – grid heater
Centralized lube

TIRES

23.5R25 XADN
650/65R25 XAD

OPERATOR'S ENVIRONMENT

Rotating Beacon
Closed circuit TV (rear view camera & monitor)

MISCELLANEOUS

Ground line start
Auto lube
Work light cab mount
Engine block heater

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NOTE: All specifications are stated in accordance with SAE Standards or Recommended Practices, where applicable.

NOTE: All engines meet current EPA emissions requirements.

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