

T450



T450

The new Kenworth T450 sets the standard for heavy-duty, short-haul working trucks.

With unmatched handling characteristics and the kind of in-built strength and durability the others could only dream about, Kenworth stands alone as the vehicle to own if you want to concentrate your efforts on running your business rather than running your trucks.

A steeply-sloped bonnet, a large windscreen and a big rear window provide excellent all round and close-in visibility. It also provides driver comforts and benefits which will make it number one in the driver-popularity stakes.

Being a Kenworth it has measurably better whole-of-life potential than anything else on the market.

If you're in business to be successful and you need a tough truck to cope with the work, then you need to know more about the new Kenworth T450.

STANDARD EQUIPMENT

ENGINE

Cummins L10-LTA250 10 litre
186 kw (250hp) @ 2100 rpm
1166 Nm torque @ 1300 rpm.
Six cylinder turbo-charged,
optimised aftercooled.
Spin-on oil filters and fuel filter.

Electrical Equipment

12 Volt lighting system,
12 Volt starting system.
Automatic circuit breakers.
90 Amp Prestolite alternator.
3 x Kenworth 12 Volt, 17 plate
batteries.

Cooling System

0.62 m² frontal area, single pass
radiator.
Removeable top and bottom tanks.

Hood

Sloped, one piece, unitglass hood
with tubular aluminium grille.
Forward tilting with fixed fibreglass
quarter guards.

Air Cleaner

Single Donaldson 2500 air cleaner
with inline water separator.
Engine mounted with cowl inlet.
Moulded rubber sleeves and
stainless steel clamps at all
connections.

Exhaust System

Single horizontal mounted 254 mm
muffler with vertical aluminised
steel tail pipe, LHS mounted.
Stainless steel flex section for
vibration isolation and wide band
steel clamps.

TRANSMISSION

Main Transmission

Fuller RT11609A, 9 speed direct,
twin countershaft.

Clutch

Spicer angle spring, 2 x 356 mm
organic, coaxial dampened hub
clutch assembly.
Manual adjusting clutch cover with
greaseable throwout bearings.

Driveline

Spicer 1710 series driveline with
needle bearing universal joints.
Glidecote splined slip-joint.

OPTIONAL EQUIPMENT

Engine

Cummins L10-LTA300, 224 kw
(300 hp) at 2100 rpm
1288 Nm torque @ 1300 rpm.
Cummins L10-LTA330, 246 kw
(330 hp) at 2100 rpm
1302 Nm torque @ 1300 rpm.

Engine Equipment

Jacobs engine brake.
Horton fan clutch.

Main Transmission

Fuller RT011613, 13 speed
over-drive.
Fuller RT11715, 15 speed direct.
Fuller RTX11708 LL, 10 speed
overdrive.

Driveline

Spicer 1810 series driveline.





SUSPENSION/STEERING

Front Axle

Rockwell FG941TQ, 6.0 tonne rated capacity.
6 spoke cast hubs.

Front Suspension

6.0 tonne nominal capacity, rolled eye, tapered leaf spring 100 mm x 1625 mm.
Threaded steel pins and bushings.
Shock absorbers.

Steering System

Single KW TAS65 Power steering.

Rear Axle

Eaton DS 402, single reduction, spiral bevel tandem axle.
18.1 tonne rated capacity.
6 spoke cast hubs.
Inter-axle differential lockout.

Service Brakes

Front: Rockwell 380 mm x 101 mm
Cam operated air brake.
Rear: Rockwell 420 mm x 180mm
Cam operated air brake.

Parking Brake

Dual axle, spring applied/air released.

Rear Axle Suspension

Kenworth TBB-115 torsion bar suspension.
17,000 kg rated capacity.
1320 mm axle spacing.

Tyres & Rims

Bridgestone R251, 11R22.5, 16 ply rated radial (10 supplied).
Mackay 8.25" x 22.5" demountable tubeless rims (10 supplied).

Rear Axle

Rockwell SP40G @ 18.1 tonne capacity.
Rockwell SSHD @ 20.9 tonne capacity.
Eaton R461 Single drive axle @ 10.4 tonne capacity.

Rear Suspension

Kenworth Airglide 100 @ 20 tonne capacity.
Kenworth KW6-60A @ 17 tonne capacity.
Hendrickson RT380 soft pack @ 17.5 tonne capacity.
Reyco 102 W @ 18 tonne capacity.
Kenworth SRH single drive suspension @ 11 tonne capacity.

Tyres & Rims

Front: Gunite S.G. iron spigotted hubs and Alcoa aluminium disc wheels (PCD 285 mm, 8.25" x 22.5") & FG941Q axle.
Rear: Alloy spigotted hubs and Alcoa aluminium disc wheels (PCD 285 mm, 8.25" x 22.5").

CHASSIS/CAB

Frame

Heat treated 758 MPa yield strength steel 270 mm depth, 89 mm width and 8 mm thickness.
Aluminium and steel crossmembers with forged aluminium gussets.
Brushed aluminium channel bumper.
Square rear of frame with light crossmember.
4200 mm Wheelbase.

Cab

Conventional cab with 2840 mm bumper to back of cab dimension.
Steel/aluminium frame with aluminium and fibreglass huckbolted and aerospace technology rivetted construction.
Aluminium bulkhead type doors with continuous piano type hinges.

Frame

Tapered rear of frame cut-off.
1745 mm fifth wheel angles.
273 mm frame rails.
5200 mm Wheelbase complete with driveline centrebearing.
4900 mm Wheelbase complete with driveline centrebearing.

INTERIOR

Cab Features

Kenworth heater/demister with integral adjustable defroster.
Cab interior light.
Internal sunvisors left and right side.
Overhead console for radio & C.B. radio installations.
Windscreen: laminated safety glass.
Door Windows: tinted, heat absorbing, tempered safety glass, manual lift.
Rear Window: tempered safety glass (430 mm x 710 mm). Fixed
Cab access handles, driver's and passenger's side.
Dual 406 mm x 152 mm polished stainless steel framed, flat heated rear view mirrors.
Single air horn - roof mounted.
Single electric horn.
Lap/sash safety belts.

Seats

Driver: Bostrom 301E sprung driver's seat upholstered in vinyl and wool trim.
Passenger: Kenworth steel toolbox seat upholstered in vinyl and wool trim.
Toolbox with side access flap and map pocket under both seats.

Instruments

Electronic speedometer (with odometer) and tachometer.
Engine oil pressure and water temperature gauges.
Voltmeter and electric fuel gauge.
Front and rear air pressure gauges.

Cab Trim

Silver grey combination with vinyl and carpet cab trim. Full ABS headliner.
Full black loaded vinyl floor mats.
Insulation in cab roof and rear panel.

Cab Features

External sunvisor.
5 roof marker lights.
KW-Air air-conditioner.

Instruments

V.D.O. 8-day tachograph.
Optional Gauge Kit comprises - 50 mm pyrometer, transmission oil temperature and engine oil temperature.

OTHER

Accessories

Cigarette lighter and one ashtray.
Dual electrically operated, variable speed, pantograph windscreen wipers with non-glare arms and parking control.
Windscreen washers ducted to wiper arms.
Kenworth Operators Parts Catalogue.
Kenworth Customised Maintenance Manual and Driver's Handbook.
Two spare switches.
Dual stop and tail lights/backup lights.
Front and side marker lights.
Dual rectangular Quartz Halogen headlights.
Directional signals with hazard warning function, fender mounted.
Front mudflaps - thermoflex.
Rear mudflaps - thermoflex.
Wheel wrench and cross brace.
Hydraulic jack, 10 tonne capacity.

Air Equipment

Cummins 6.2 l/s air compressor.
Semi-trailer kit includes tractor protection valve, air line and light line (7 pin) terminating at the back of the cab.
Cotton braided nylon hoses mounted in frame.



Warning Devices

Warning light cluster in main dash panel.
Incorporating:
Direction indicator light and buzzer.
Low air light and buzzer.
Park brake.
Low oil pressure.
Inter-axle differential lockout.
High water temperature.
High beam.
Mirror heat.
Engine brake (if fitted).

Fuel Tank and Battery Box

One 400 litre, 625 mm diameter aluminium fuel tank mounted under cab on right hand side with cab access steps.
Aluminium battery box with acid resistant hold down tray mounted under cab on left hand side with cab access steps.

Paint

One solid colour Dulux Acran for hood and cab.
One solid colour Dulux Acran for chassis.



TARE WEIGHT

Given the strength, reliability and durability engineered into the T450, it is outstanding that such a vehicle of this class has such a low tare weight, and still offers the traditional Kenworth benefits of long life and unmatched value for money.

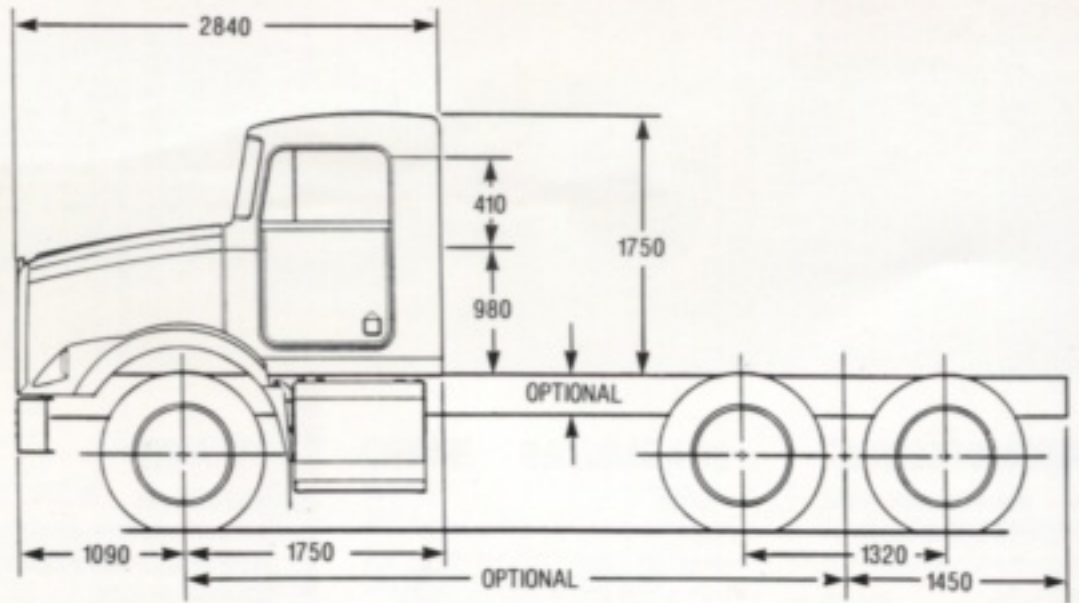
While the specific tare weight will vary depending upon actual componentry, operators can expect a road-ready tare of around 7 tonnes!

Chassis Tare (including 180 litres fuel)

Front Axle 3600 Kg

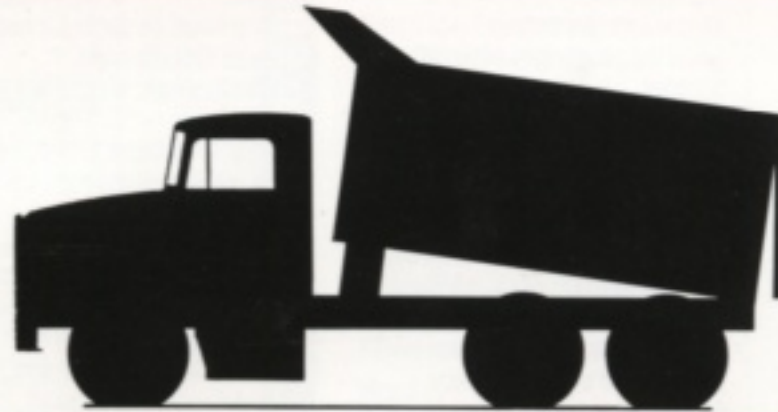
Rear Axle 3150 Kg

****TOTAL 6750 Kg**



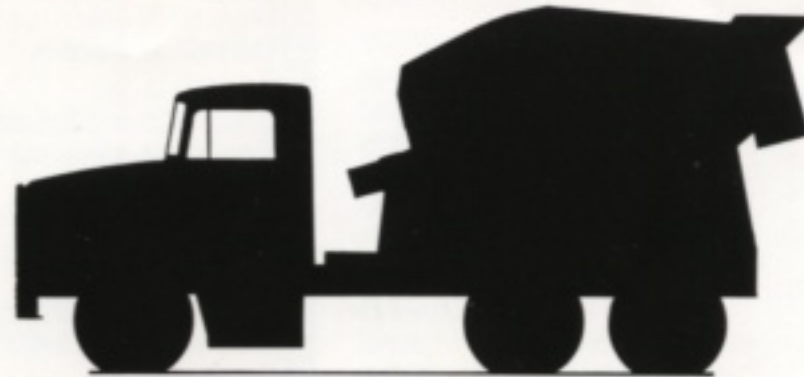
RIGID TIPPER

- Crushed Rock/Gravel/Sand
- Grain
- Wood Chip
- Garden Supplies
- Also suited to Dog Trailer Operation



AGITATOR

- Heavy Duty Chassis
 - Heavy Duty Front & Rear Suspensions
 - Cummins Rear Engine Power Take-off (REPTO) to accommodate state of the art hydraulically driven agitators
 - RTX11708LL transmission designed specifically for construction use
 - Full length body angles ready to bolt directly to the agitator sub frame
- A professional kit designed specifically with the cement agitator in mind. Also suited to tipper applications.



FLAT TOP RIGID FOR METROPOLITAN AND INTRASTATE OPERATION

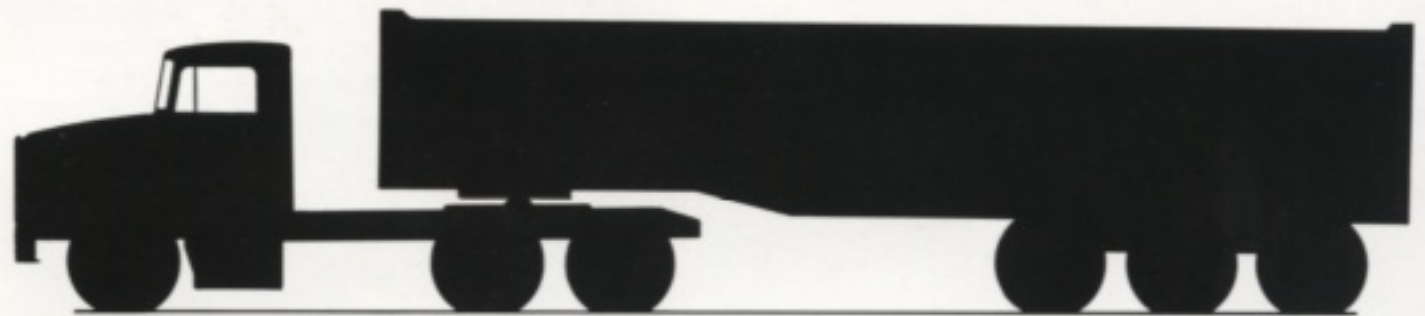
- Bricks
- Steel
- Formwork
- Building framework
- Fuel/gas tank
- Ideal with dog trailer



SEMI TIPPER/TRAILER OPERATION

Capable of obtaining a max. GCM of 42.5 tonne under permit.

With a lightweight trailer and prime-mover spec this combination can achieve a remarkable 30 tonne payload.



YOUR DEALER

The vehicles shown in this brochure are for illustrative purposes only and may include some non-standard, optional equipment. For full details, please contact your Kenworth Dealer. In the interests of product improvement, Kenworth reserves the right to change these specifications without prior notice. ** Tare weight is an estimate only.

