

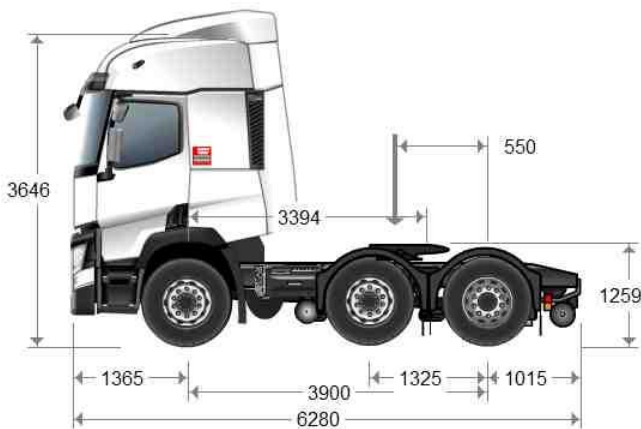
Model code : UKM_11MC016UK118
Print date: 02/03/2016
Last updated: 02/03/2016

Prepared for :

T 460.26 6X2 TML E6 - GVW 23.4T / GCW 44.00 T

RENAULT TRUCKS

T 460



WEIGHTS

| Wheelbase | | mm | 3.900 |
|--|----------------------------------|----|---------|
| Maximum Weight (registered) | Total (GVW) | Kg | 23400 |
| Payload | (C) | Kg | 14880 |
| Maximum Weight (registered) | Front axle 1 | Kg | 7100.00 |
| | rear axle 1 | Kg | 7100 |
| Min. weight complete vehicle unladen | rear axle 2 | Kg | 11500 |
| | Front axle(s) | Kg | 7162.00 |
| Kerb Weight | total | Kg | 8520 |
| | Front Axle 1 | Kg | 5314.00 |
| Chassis cab kerb weight | Rear Axle 1 | Kg | 1224.00 |
| | Rear Axle 2 | Kg | 1982.00 |
| | Front axles (Liftable axle down) | Kg | 5314 |
| | Rear axles (Liftable axle down) | Kg | 3206 |
| | Front axles (Liftable axle up) | Kg | 5655.00 |
| | Rear axles (Liftable axle up) | Kg | 2790.00 |
| Total vehicle weight under full load at YMIN | Front axle(s) | Kg | |
| Total vehicle weight under full load at YMAX | Rear axle(s) | Kg | |
| | Front axle(s) | Kg | |



| | | | |
|--|--------------|----|--|
| | Rear axle(s) | Kg | |
|--|--------------|----|--|

To maintain the driving comfort (lightness of steering, braking) of vehicles in all load and driving conditions once the vehicle is bodied, the following minimum axle load(s) must be respected: A value corresponding to 26% of the weight of the unladen bodied vehicle kerb weight (with driver, without passenger)

This table includes the weights of the RENAULT TRUCKS options: full urea tank, oil, screen wash fluid and coolant at 100%, fuel fill level 90% and driver present (75kg).

LENGTHS

| Wheelbase | | mm | 3.900 |
|------------------------------|-----------------------|----|---------|
| Front Overhang | (H / BEP L016) | mm | 1365 |
| Wheelbase | (F / BEP L011) | mm | 3900 |
| Axle Spacing | Axle 2-3 (BEP L012.2) | mm | 1325.00 |
| Rear overhang | Chassis | mm | 1015 |
| Centre of Gravity of vehicle | at X (BEP L044) | mm | 1289.00 |
| Technical wheelbase | (F' / BEP L015) | mm | 3394 |
| Overall Chassis Length | (A / BEP L032+L016) | mm | 6280 |

HEIGHTS

| Wheelbase | | mm | 3.900 |
|--|-------------------------|----|---------|
| Ground clearance, laden | Front (U1 / BEP H015) | mm | 244 |
| | Rear (U3 / BEP H016) | mm | 228 |
| Max. exterior height unladen | (BEP H001) | mm | 3931 |
| Max. exterior height, cab tilted, unladen | (O1 / BEP H061) | mm | 4394.00 |
| Cab height (unladen) | (O) | mm | 3646 |
| Distance from ground to lowest point at front of vehicle | Unladen (H0 / BEP H18) | mm | 360.00 |
| | Laden (H0 / BEP H18) | mm | 301.00 |
| Frame top height at front axle | Unladen (H1 / BEP H035) | mm | 1002.00 |
| | Laden (H1 / BEP H036) | mm | 952.00 |
| Frame top height at drive axle | Unladen (H2 / BEP H037) | mm | 987 |
| | Laden (H2 / BEP H038) | mm | 963 |
| Frame top height at the rear of the frame | Unladen (HN) | mm | 983.00 |
| | Laden (HN) | mm | 966.00 |
| Centre of Gravity of vehicle | Unladen at Z (BEP H044) | mm | 906.00 |
| Side member height | (BEP H032) | mm | 300.00 |

TOWING DEVICE

| Wheelbase | | mm | 3.900 |
|---|------------------------|----|----------|
| Distance between the front of the vehicle and the centre of the trailer coupling device | (BEP L073 + L016) | mm | 4715.00 |
| Distance between centre of last axle to centre of coupling device | | mm | |
| Fifth wheel height, from top of side member | (BEP H074 + H071) | mm | 270.00 |
| Fifth wheel height from ground | Unladen (BEP H076) | mm | 1259 |
| | Laden (BEP H078) | mm | 1232 |
| Swept Swing Clearance | (BEP L078) | mm | |
| Fifth wheel position | Max. (Ymax / BEP L075) | mm | 1100 |
| Gross Vehicle Weight | at YMAX | Kg | 23400.00 |
| Gross Vehicle Weight, load on front axle(s) | at YMAX | Kg | 7100.00 |
| Gross Vehicle Weight, load on rear axle(s) | at YMAX | Kg | 16300.00 |
| King Pin Load | at YMAX | Kg | 14880.00 |
| King Pin Load on Front Axle(s) | at YMAX | Kg | 1786.00 |
| King Pin Load on RearAxle(s) | at YMAX | Kg | 13094.00 |
| Fifth wheel position | Min. (Ymin / BEP L077) | mm | 550 |
| Gross Vehicle Weight | at YMIN | Kg | 23400.00 |
| Gross Vehicle Weight, load on front axle(s) | at YMIN | Kg | 4800.00 |



| | | | |
|---|---|----|----------|
| Gross Vehicle Weight, load on rear axle(s) | at YMIN | Kg | 18600.00 |
| King Pin Load | at YMIN | Kg | 14880.00 |
| King Pin Load on Front Axle(s) | at YMIN | Kg | -514.00 |
| King Pin Load on RearAxle(s) | at YMIN | Kg | 15394.00 |
| Fifth wheel position | Manufacturer's recommendation (Y / BEP L076) | mm | 550 |
| Gross Vehicle Weight | in fifth wheel position recommended by manufacturer | Kg | 19542.00 |
| Gross Vehicle Weight, load on front axle(s) | in fifth wheel position recommended by manufacturer | Kg | 7100.00 |
| Gross Vehicle Weight, load on rear axle(s) | in fifth wheel position recommended by manufacturer | Kg | 12442.00 |
| King Pin Load | in fifth wheel position recommended by manufacturer | Kg | 11022.00 |
| King Pin Load on Front Axle(s) | in fifth wheel position recommended by manufacturer | Kg | 1786.00 |
| King Pin Load on RearAxle(s) | in fifth wheel position recommended by manufacturer | Kg | 9236.00 |
| Fifth wheel position | Intermediate 1 | mm | 500.00 |
| Gross Vehicle Weight | in intermediate fifth wheel position 1 | Kg | 20644.00 |
| Gross Vehicle Weight, load on front axle(s) | in intermediate fifth wheel position 1 | Kg | 7100.00 |
| Gross Vehicle Weight, load on rear axle(s) | in intermediate fifth wheel position 1 | Kg | 13544.00 |
| King Pin Load | in intermediate fifth wheel position 1 | Kg | 12124.00 |
| King Pin Load on Front Axle(s) | in intermediate fifth wheel position 1 | Kg | 1786.00 |
| King Pin Load on RearAxle(s) | in intermediate fifth wheel position 1 | Kg | 10338.00 |
| Fifth wheel position | Intermediate 2 | mm | 450.00 |
| Gross Vehicle Weight | in intermediate fifth wheel position 2 | Kg | 21991.00 |
| Gross Vehicle Weight, load on front axle(s) | in intermediate fifth wheel position 2 | Kg | 7100.00 |
| Gross Vehicle Weight, load on rear axle(s) | in intermediate fifth wheel position 2 | Kg | 14891.00 |
| King Pin Load | in intermediate fifth wheel position 2 | Kg | 13471.00 |
| King Pin Load on Front Axle(s) | in intermediate fifth wheel position 2 | Kg | 1786.00 |
| King Pin Load on RearAxle(s) | in intermediate fifth wheel position 2 | Kg | 11685.00 |
| Sliding fifth wheel | front fork | mm | 4.71 |
| | rear yoke | mm | 4.22 |

WIDTHS

| Wheelbase | | mm | 3.900 |
|--|-------------------------------|----|---------|
| Max exterior cab width with rear view mirrors open | (BEP W001) | mm | 2534.00 |
| Max. cab width | (BEP W002) | mm | 2534 |
| Frame width | Front (BEP W035) | mm | 1080 |
| | Rear (BEP W036) | mm | 850 |
| Width at rear wheels | Rear axle 1 (V3 / BEP W003.1) | mm | 2329 |
| | Rear axle 2 (V5 / BEP W003.3) | mm | 2473.00 |
| Track | Front (V1 / BEP W013.1) | mm | 2034 |
| | Rear 1 (V2 / BEP W013.2) | mm | 2029 |
| | Rear 2 (V4 / BEP W013.2) | mm | 1833.00 |

OTHER

| Wheelbase | | mm | 3.900 |
|-----------------------|--------------------|----|---------|
| Approach angle | (BEP H010) | ° | 14 |
| Ramp angle | (BEP H012) | ° | 22.30 |
| Departure angle | (BEP H011) | ° | 18.60 |
| Side member thickness | (BEP W034) | mm | 7.00 |
| Turning Radius | Overall (BEP W012) | mm | 6900.00 |
| | kerb to kerb | mm | 6200.00 |
| | interior | mm | 2779.00 |



DTI 11 ENGINE

Max. power output: 338 kW between 1700 and 1900 rpm

Max. torque: 2200 Nm from 1000 rpm to 1400 rpm

Power output (UK): 453 hp

6-cylinder in-line diesel engine - Common rail high-pressure fuel-injection (1700 bar) - 24 valves - overhead camshaft, rear-mounted timing

High pressure provided by three pumps on injector bodies

Bore 123 mm - stroke 152 mm - Capacity 10.8 L

Turbocharger

Electronically controlled fan

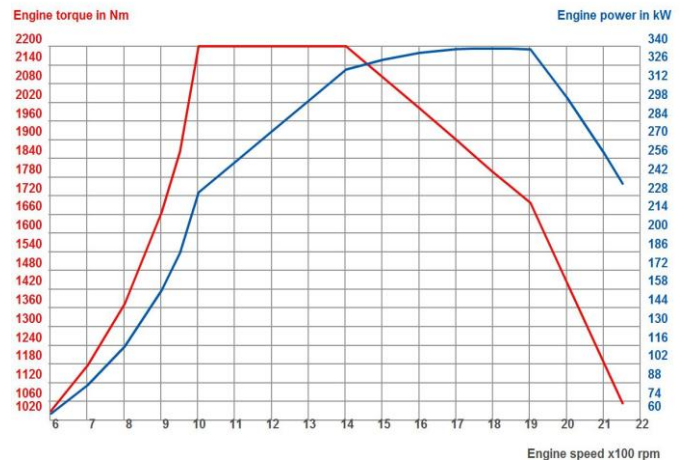
Direction of rotation (seen from G/B end): anti-clockwise

EEC EURO VI pollution control level

Compact post-treatment system (7th injector, catalytic converter, DPF, SCR)

Automatic regeneration of particulate filter

Soundproofing level complies with EEC standards (80dB)



ENGINE EQUIPMENT

Power mode inhibited after passing the 'hard spot' of the accelerator pedal

Partial gas recycling (semi-closed circuit)

Automatic engine cut-off (5 min)

Electronic speed limiter (90 km/h).

CLUTCH

Single-plate clutch, diameter 430 mm

GEARBOX

Optidriver gearbox AT 2412E (14.94 - 1) automated clutch.

Aluminium housing. Max. torque 2400 Nm, 12 forward gears and 3 reverse gears

Choice of mode of use on steering wheel (automatic/manual)

Steering wheel mounted gear selector

Gearshifting strategy optimised for FUEL ECO

Gearbox rear intermediate housing in aluminium

RETARDER

OPTIBRAKE (power rating 300 kW at 2300 rpm), combination of the exhaust brake and valve compression braking, coupled to service brake

POWER TAKE-OFFS

Without gearbox mounted PTO

STEERING

Right hand drive.

Hydraulic power steering, variable flow pump

Steering ratio 20:1 - Steering wheel diameter 460 mm

Driving on the left

FRONT AXLE

Load capacity (technical max.) Front axle: 7.1 t.

REAR AXLE

Liftable rear axle

Load shedding on drive axle (10.5t + 30% if speed below 30 kph)

Rear axle position : in front of engine drive axle

REAR DRIVE AXLE

P13170 single reduction final drive axle

Differential lock

Rear loading capacity (technical max.): 19 t

Rear load 7.1t - 11.5t

Drive axle ratio: 2.85

Engine speed at 90 km/h: 1343 rpm

WHEELS AND TYRES

Dimension 295/80 R22.5

Profile C. HYBRID HS3/HD3

Steel disc wheels

Front wheel trims

Without spare wheel.

BRAKING

Service brake:

Braking system with two independent circuits

Ventilated disc brakes

Electronic management of air production by EACU (Electronic Air Control Unit):

Dryer cartridge optimised by preventive maintenance.



Twin-cylinder air compressor 900 l/min, 636 cm³

Disengageable compressor

Aluminium air tanks.

Brake hose couplers, UK standard

Additional electric lead 15 pin, 2x7 pin.

Trailer brake device at cab rear

EBS:

Anti-lock braking system (ABS).

Anti-slip regulation (ASR).

Drag torque control (Torque control during downshifting).

Brake harmonisation of tractor and trailer (if equipped)

(Disc) brake pad wear compensation

Retarder and service brake linking

Differential engagement management (if equipped) at speeds <10 km/h (4x2)

Hill Start Aid

Braking performance warning

ESC (Electronic Stability Control) trajectory control and anti-rollover system

Coupling traction test

Emergency brake assist (EBA)

Emergency brake lights (EBL)

Parking brake:

EPB (Electronic Parking Brake) automatic parking brake, immobilization provided by spring cylinders

Brake adjustment:

Automatic brake lining slack compensation.

Emergency brake:

Ensured by independence of main device circuits

CAB

Cab exterior:

All steel Cab, electro-zinc plated and cataphoretic paint treatment.

Sleeper Cab

Cab paint colour: WHITE EKLA

Full paint

Dark grey front face finish

Aerodynamic dirt deflectors on the headlamps

4-point cab air suspension with ride-height control system

Two side doors of which one is accessible from inside the cab

2 heated, remote control rear view mirrors.

2 wide angle rearview mirrors.

Kerb view mirror.

Rear view mirrors for bodywork up to 2.55 m wide

Fold-back front view mirror

Rearview mirrors silver finish

Air horn

Spray suppression on front wings

Side deflectors (left-hand opening panel)

Quick-adjust roof deflector

Door extension

External sun visor.

Without rear window.

Cab interior:

Ultimate Alu finish

Ultimate roof console, de luxe coating, 4 storage compartments with doors including 1 with key lock, 1 storage space with net, folding mirror, 4 ISO modules

Electric interior sun blind on windscreen, manual blinds on driver and passenger side windows

Mono CD player, MP3/WMA format-compatible

Double tuner for immediate radio station list update

Steering column-mounted radio controls

Jack (3.5 mm) and USB inputs for MP3 player

Hands-free interface for mobile telephone (Bluetooth technology), Audio streaming, steering wheel controls,

microphone in the roof console, audio playback through vehicle speakers

Information on the main information display

CB pre-equipment.

Dual CAN digital tachograph

Offset 24 V socket

Electrically operated roof hatch.

Mosquito net on air vent

Interior roof grab handle

Rubber floor mat

Air-suspended driver's seat with fitted seat belt, adjustable lumbar support, adjustable seat cushion extension, heated seat (0-1-2)

Two driver's armrests

Safety belt warning.

Air-suspended passenger seat with seatbelt.

Passenger armrest

Cloth seat trim.

Performance lower bunk

Ultimate upper bunk, transformable into storage with ladder

Air supply to the rear of the driver's seat

Drawer under bunk with document holder

Reading lamps on overhead ledge

Direct cab lighting

Red night lighting

Cab lighting time-delay.

Curtains around cab.

Articulated LED lamps in bunk area

Bunk area remote control

12 and 24 V sockets on bunk

Provision for 50A max. electrical power supply

2 storage boxes under bunk, one accessible from interior and exterior

2 Coat hooks on rear panel and one on passenger side

One-touch electric windows

Cab independent night heater air/air (2 kW)

Electronically regulated comfort air conditioning with compressor optimisation

Cab air filtration

Handbook and Service pack in English.

4 loudspeakers and 2 tweeters

Steering wheel equipment:

Ultimate leather steering wheel with cruise control and telephone control

OPTIDRIVER control

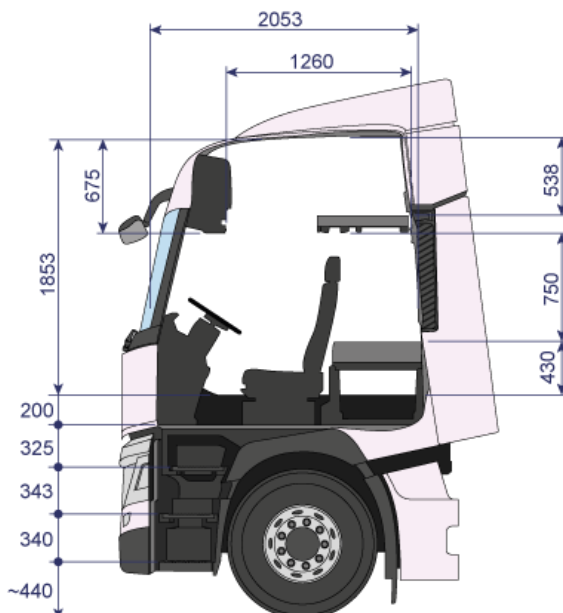
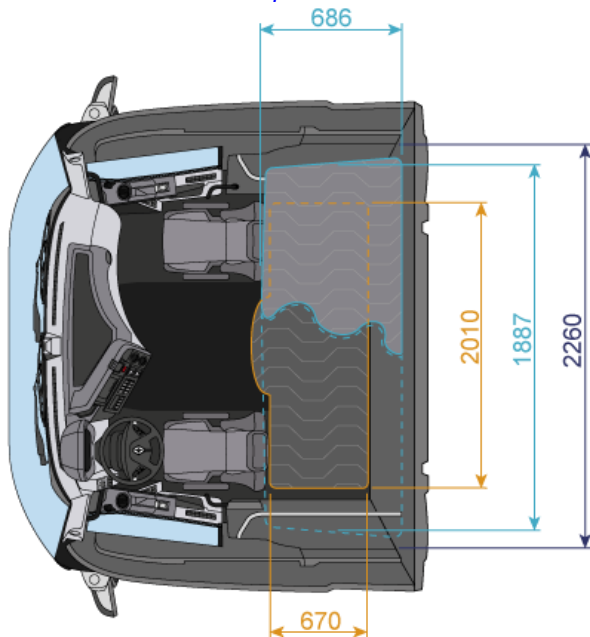
OPTIBRAKE and retarder control on right-hand side



Easy Access steering column adjustable in 3 directions
Removable writing board on steering wheel

Instrument panel:

7" HD colour information display
Speedometer in miles
12 V + 24 V socket on dashboard, for accessories.
Starting inhibitor controlled by transponder key.
Remote control central door locking with folding key
Two additional ignition keys
Soft cruise control with Optiroll



ELECTRONIC EQUIPMENT:

SAE cab socket for vehicle data extraction (Optifuel Infomax).
FMS Gateway fleet management interface
Telematics provision including the TGW (Telematics GateWay): base for subscription to Optifleet Map, Check and Drive services
Lane Departure Warning System (LDWS)
Electrical pre-arrangement for safety system (LDWS: lane departure warning system, alcolock, cameras)
Automatic emergency braking system
English and French language display
Additional language (Spanish)

ELECTRICAL EQUIPMENT

Battery capacity: 225 Ah
Batteries located in the rear overhang
Battery cut-out remote control
Electrical circuit automatically goes to standby
Alternator : 110 amp capacity.

CHASSIS

Removable front towing cap.
Front under-run protection.
Transmission crossmember Reinforced
Closing cross member with pre-drilling for towing yoke
Manual sliding medium fifth wheel mounting H=50 mm
Sheet metal Fontaine SP150 (sheet metal) 2" fifth wheel, D 150 kN
Fifth wheel position: Y = 550 mm
Extended rear platform.
Rear wings with anti-spray
Wings fitted in standard position.
Side exhaust.

BUMPER - STEPS AND LIGHTING

3-part plastic bumper
Retractable windscreen access step in radiator grille
Access to driving position by 3 steps
Step lighting.
Automatic windscreen wiping with rain sensor
Automatic lights
Electrical headlamp levelling control.
LED day running lights
Provision for lighting rail on front end
Coupling light (70W).
Front fog lights.
Halogen headlights
Roof beacon pre-equipment

SUSPENSION

Front suspension

2-leaf front leaf springs
Stabiliser bar



Rear suspension:

Air suspension
Suspension remote control (2 channels).

FUEL TANK

Main aluminium tank
Main fuel tank: 480 litres capacity D710 profile mounted on left & with access steps
Sedimenter and prefilter (R60). Bleed control on dashboard.

AdBlue

64-litre AdBlue tank (D710)
Tank on the right

STANDARD EQUIPMENT

Tool kit.
Reversing warning buzzer, including night switch.
Windscreen washer bottle capacity: 12L

GEARBOX RATIOS

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|-------|-------|------|------|------|------|------|------|------|------|------|------|
| 14.94 | 11.73 | 9.04 | 7.09 | 5.54 | 4.35 | 3.44 | 2.70 | 2.08 | 1.63 | 1.27 | 1.00 |

*The manufacturer reserves the right to modify the specifications above without prior notice.
Non contractual document.*

For further assistance please contact Product Applications at Renault Trucks UK Limited, Houghton Hall Business Park, Porz Avenue, Dunstable, LU5 5FT. Telephone +44 (0)1582 471122.

BODYWORK

Side marker lights.
Interface for bodybuilder connections and BBM module (Body Builder Module)

SERVICE**Optifleet:**

Pre-equipment for monthly Optifleet Check: technical data reports for fuel consumption monitoring by vehicle and by driver, activation of service on request subject to monthly subscription

Pre-equipment for monthly Optifleet Drive: Monitoring of activity times and remote download of driver card data and tachograph memory, activation of service on request subject to monthly subscription

Pre-equipment for monthly Optifleet Map: vehicle geolocation, geofencing and route analysis. Activation of service on request subject to monthly subscription