



UD TRUCKS

# Quon

UD 330 WM



## ENGINE

Engine model:	UD Trucks MD92TB
Engine type:	Turbocharged intercooled, 6 cylinder in-line with 4-valve technology
Displacement:	9 203 cm <sup>3</sup>
Injection system:	Common rail technology
Maximum power output:	243kW @ 2200 r/min
Maximum torque:	1324Nm @ 1400 r/min
Filtration (Fuel):	Primary & secondary, secondary with water-trap
Filtration (Oil):	Bypass oil filter

## PTO

Location:	Mounted at rear of engine
Operation:	Continuous use
Output:	441 Nm max
Ratio:	1.0 x Engine rpm
Rotational direction:	Clockwise seen from rear

## AIR CLEANER

Intake:	Raised behind cab
Model:	Donaldson FTG 15
Type:	Cyclonic, safety and primary paper elements

## CLUTCH

Type:	Dry, single plate – self adjusting
Operation:	Hydraulic, air-assisted
Disc diameter:	430mm

## TRANSMISSION

Model:	UD Trucks MTS75D
Type:	7-speed synchromesh
Controls:	Air assisted, manual gearshift

## BRAKES

Service brakes:	Dual circuit full air with ABS
(type):	Wedge-type, drum brakes all-round
Park brakes:	Spring brakes on front & 1st rear axle
Auxiliary brakes(Engine brake):	Remote mounted exhaust brake with engine decompression

## FRONT AXLE

Type:	ND FF85 drop-forged "I" beam with reverse "Elliot" steering knuckles
Suspension:	Taperleaf spring with double-acting telescopic shock absorbers
Stabilizer:	Fitted to front axle

## REAR AXLE

Type:	RW1A dual-drive bogie with single reduction hypoid differential
Suspension:	Trunnion-mounted inverted taper-leaf springs
Differential Lock (type):	Inter axle

## WHEELS AND TYRES

Rims:	9.00 X 22.5 - 175 single-piece steel discs
Tyres:	Tubeless radials Front 315/80 R22.5 Rear 315/80 R22.5
Spare wheel mounting:	Slung from a winch type carrier mounted on the LHS chassis rail
Size:	315/80 R22.5

## STEERING

Type:	Power assisted, recirculating ball
No of turns lock to lock:	5,0

## CHASSIS

Type:	High tensile, reinforced parallel ladder frame
Frame section (Main):	300 x 90 x 8 mm

## FUEL TANK

Primary	200ℓ - Aluminium
Feature	Lockable fuel cap

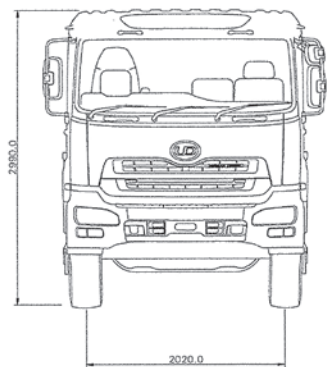
## ELECTRICAL SYSTEM

Alternator:	24 V, 60 A
Starter motor:	24 V, 6 kW
Batteries:	2 X 12 V, 118 Ah
System voltage:	24 V (negative)

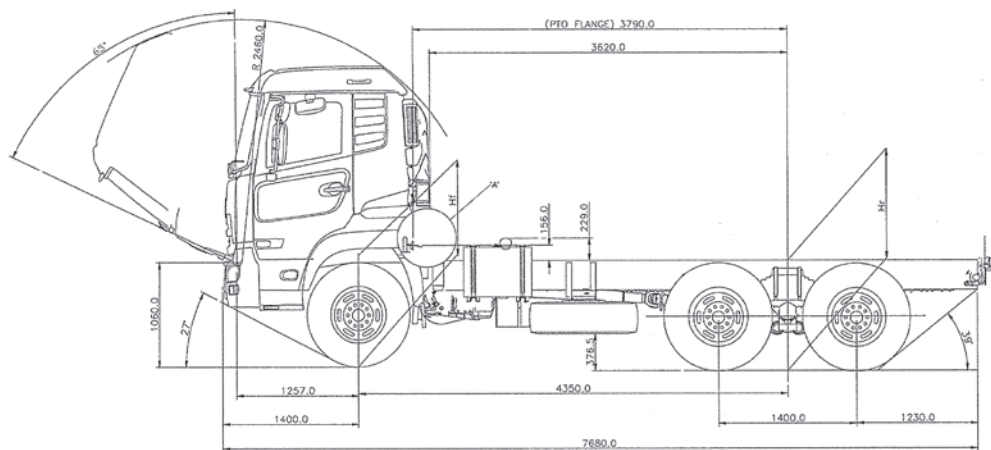
## CAB

- G300 steel/composite forward control
- 4-point air suspension with shock absorbers

Front view



Side view



- Full trim interior with cover for rear window
- Adjustable steering column for height and rake
- Vinyl matt floor cover behind seats
- Manually adjustable air conditioner
- Radio/CD-player
- Centre overhead parcel box
- Adjustable air suspended driver's seat, including lumbar support and integral headrest
- Fixed assistant's seat – fold up type with integral headrest
- 3-point ELR driver and assistant safety belt
- Heater/Demister (4-speed blower)
- Cigarette lighter
- Column mounted lever for lights, indicators, windscreen wipers/washers, hazard warning, exhaust brake/ "extra" engine brake
- Fluorescent internal light
- 2 Sun visors with document holders
- Door side pockets
- Electrically operated windows
- 3 Windscreen wipers (2 speeds + intermittent setting, washer reservoir 4.7 lit)
- Fog lamps
- 4 External rear-view mirrors (Wide angle mirrors on LHS), body width – 2.6m
- Step lamp driver side
- Aluminium cab steps
- Central door locking – with key
- Curtain rails – rear, centre and sides
- 2 Cup holders
- Speed limiter standard- 90km/h, options 80, 100, 110 km/h
- Headlight height adjustment from inside the cab

## INSTRUMENTS

Speedometer/odometer/tripmeter, rev counter, fuel gauge, dual air pressure gauge. Engine water temperature gauge, audio & visual warning devices.

## PERFORMANCE DATA

Final drive ratio: 7.400

## MASS INFORMATION

Tare mass chassis/cab (without fuel and driver, with tools and sparewheel):	7 680 kg
Tare mass on front axle:	3 920 kg
Tare mass on rear axle/bogie:	3 760 kg
Manufacturer's gross front axle massload (GA):	8 500 kg
Manufacturer's gross rear axle and massload (GA/GAU):	21 000 kg
Manufacturer's gross vehicle mass (GVM):	26 000 kg
Manufacturers gross combination mass (GCM):	36 000 kg
Max permissible front axle massload (A):	7 700 kg
Max permissible rear axle/unit massload (A/AU):	18 000 kg
Max permissible vehicle mass (V):	25 700 kg
Max permissible drawing vehicle mass (D/T):	36 000 kg

## DIMENSIONS

Wheelbase (WB):	4 350 mm
Overall length (OL):	7 680 mm
Overall width (OW):	2 515 mm
Overall height (OH):	2 990 mm
Frame height unladen(front):	1 010 mm
Frame height unladen(rear):	1 110 mm
Ground clearance:	250 mm
Track front (FT):	2 020 mm
Track rear (RT):	1 840 mm
Overhang front (FO):	1 400 mm
Overhang rear (ROF) (to end of frame):	1 230 mm
Centre of bogie (rear axles) to back of cab (CA):	3 620 mm
Chassis width:	840 mm
Turning circle:	17 460 mm
Cab tilt angle:	65 degrees

## MISCELLANEOUS EQUIPMENT

Jack, warning triangle, basic toolkit  
 Owner's handbook & service booklet  
 Governor control lever behind cab with extension harness

## PERFORMANCE DATA

Gear	Gear Ratio :1	Road Speed @ Max R/Min (Km/H)	Road Speed @ Max Torque (Km/H)	Gradeability @ V %	Gradeability @ D/T %
1ST	6.710	10	6	42.27%	30.53%
2ND	4.442	16	8	27.98%	20.21%
3RD	2.458	28	15	15.48%	11.18%
4TH	1.459	48	26	9.19%	6.64%
5TH	1.000	69	37	6.30%	4.55%
6TH	0.758	91	49	4.78%	3.45%
7TH	0.633	110	59	3.99%	2.88%
REV	6.710	10	6	42.27%	30.53%

The contents are not binding and are for guidance only. Improvements and/or design changes may alter specifications. Dimensions and masses are subject to manufacturing tolerances. Illustrations may depict options or non-standard equipment.