



UD TRUCKS

UD 35 A

M01



ENGINE

Engine Model:	UD Trucks TD42T
Engine Type:	Turbo charged, 6 cylinder in-line, water cooled
Displacement:	4 169 cm ³
Injection System:	Indirect injection - Euro II compliant
Maximum power output:	87kW @ 3250 r/min
Maximum torque:	275Nm @ 2000 r/min
Filtration – Fuel:	Primary & secondary, secondary with water-trap
Filtration – Oil:	Two cartridge filters on engine & one bypass, paper element filter

PTO – OPTIONAL

Location:	Transmission LHS
Operation:	Manual - via cable
Output:	Max. 200Nm @ 1000 Eng. rpm
Ratio:	93.1% of engine speed
Rotational direction:	Counterclock as seen from rear
Pump mounting:	Direct - SAE 3 hole
Pump connection:	ISO 14

AIR CLEANER

Intake:	Raised behind cab
Model:	Donaldson FRG 9"
Type:	Cyclonic, safety & primary paper elements
Service indicator:	Progressive type mounted on air cleaner

CLUTCH

Type:	Dry, single plate - D300K
Operation:	Hydraulic - self adjusting
Disc diameter:	300mm
Total friction area:	846 cm ²

TRANSMISSION

Model:	UD Trucks MES50C
Type:	5-speed synchromesh
Controls:	Manual gearshift
Ratios:	Refer to performance data

BRAKES

Service brakes:	Vacuum assisted dual line hydraulic drum brakes all round
Emergency/Park brakes:	Mechanical transmission-mounted drum brake
Auxiliary/Engine brakes:	Remote-mounted butterfly type exhaust brake

FRONT AXLES

Type:	Drop-forged "I" beam with reverse "Elliot" steering knuckles
Suspension:	Semi-elliptic steel leaf springs with telescopic shock absorbers

REAR AXLE

Type:	Fully floating pressed steel banjo type housing, single reduction, hypoid
Suspension:	Semi-elliptic steel leaf springs with telescopic shock absorbers

WHEELS AND TYRES

Rims:	5.5F x 16SDC steel disc wheels
Tyres:	Tubed radials
	Front: 7.00R x 16 - 12 PR (LT)
	Rear: 7.00R x 16 - 12 PR (LT)
Spare wheel mounting:	Slung from a winch-type carrier mounted at the rear of the chassis
Spare wheel size:	7.00R x 16 - 12 PR (LT)

STEERING

Type:	Power assisted, recirculating ball
Ratio:	22:01
Number of turns lock to lock:	4.5

CHASSIS

Type:	High tensile, reinforced parallel ladder frame
Frame section (Main):	180 mm x 60 mm x 4,5 mm

FUEL TANK

Primary:	100L - Steel
	Lockable fuel tank cap

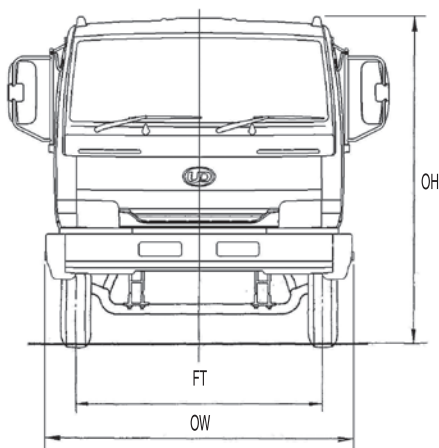
ELECTRICAL SYSTEM

Alternator:	24 V, 35 A
Starter motor:	24 V, 3.5 kW
Batteries:	2 x 12 V, 85 Ah (669P)
System voltage:	24 V (Negative)

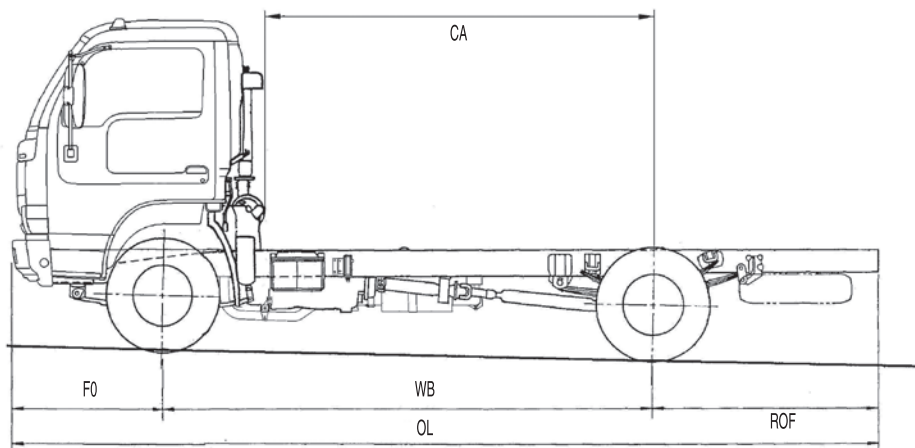
CAB

- Steel/composite forward control with 4-point suspension
- Adjustable driver's seat
- Fixed assistant's and centre seat
- Heater/Demister (4-speed blower)
- Cigarette lighter

Front view



Side view



- Column mounted lever for lights, indicators, windscreen wipers/ washers, hazard warning, exhaust brake
- 2 Windscreen wipers (2 speeds + intermittent setting)
- 2 External rear-view mirrors

INSTRUMENTS

Speedometer, odometer, trip meter, rev counter, fuel gauge. Engine water temperature gauge and audio & visual warning devices

PERFORMANCE DATA

Final drive ratio 5.575

MASS INFORMATION

Tare mass chassis/cab (without fuel, driver - with tools, sparewheel)	2 220 kg
Tare mass on front axle	1 460 kg
Tare mass on rear axle/bogie	760 kg
Manufacturer's gross front axle massload (GA)	2 500 kg
Manufacturer's gross rear axle/unit massload (GA/GAU)	4 400 kg
Manufacturer's gross vehicle mass (GVM)	6 000 kg
Manufacturer's gross combination mass (GCM)	7 800 kg
Max permissible front axle massload (A)	2 476 kg
Max permissible rear axle/unit massload (A/AU)	4 352 kg

Max permissible vehicle mass (V)	6 000 kg
Max permissible drawing vehicle mass (D/T)	7 800 kg

DIMENSIONS

Wheelbase (WB)	3 350 mm
Overall length (OL)	6 060 mm
Overall width (OW)	2 125 mm
Overall height (OH)	2 275 mm
Ground clearance	190 mm
Track front (FT)	1 675 mm
Track rear	1 490 mm
Overhang front (FO)	1 165 mm
Overhang rear (ROF) (to end of frame)	1 545 mm
Centre of rear axle to rear of cab (CA)	2 625 mm
Chassis width	750 mm
Cab tilt angle	40 degrees
Turning circle	12 000 mm

MISCELLANEOUS EQUIPMENT

4-ton jack, warning triangle, basic toolkit
Owner's handbook & service booklet
Rear chevron board

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	5.099	18	10	29.31%	22.55%
2nd	3.006	30	17	17.28%	13.29%
3rd	1.638	55	32	9.42%	7.24%
4th	1.000	91	52	5.75%	4.42%
5th	0.752	121	69	4.32%	3.33%
Reverse	4.862	19	11	27.95%	21.50%

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.