

AXLE FRONT

Drop forged steel I Beam; Beam capacity 6500 kg

AXLE REAR

Ford Type 225; Gearset Eaton Model E 23120 Spiral bevel; Ring gear pitch diameter 457 mm; Single speed; Ratio 5.43:1; Capacity 10250 kg.

BRAKES

Service: Dual line 'H' split full air, twin wedge two leading shoe brakes; Auto adjust; High pressure air storage; Condenser valve with auto drain; Balanced life front—rear linings; Low air pressure warning light and buzzer; Brake pressure differential warning light Load apportioning valve Tuflo 501 air compressor; Capacity 0.34 m³ min (12 cfm).

Brake Size:

Front 394 × 178 mm

Rear 394 × 152 mm

Lining Area: 5642 cm²

Park Brake: Spring set type actuator operating through service brake mounted on rear axle.

CHASSIS

Channel section of 266 × 88 × 7 mm; Section modulus 213.32 cm³.

CLUTCH

Double dry plate of 356 mm diameter; Diaphragm spring type pressure plate; Hydraulic actuation; Facing area 2736 cm².

DRIVELINE

1610 Series

ELECTRICAL

24 volt negative earth system; Batteries 2 — 12 V 120 A/H capacity; Alternator — 24 V 55 amp; Rectangular quartz halogen headlamps; Park lamps; Front direction indicators with side fender mounted repeaters; Rear combination stop-tail-turn and number plate lamps; Dual 2-speed self parking windscreen wipers with "flick" wipe; Electric windscreen washers; Single horn; Hazard warning lights. Instruments — Speedometer/Odometer; Tachometer; Fuel gauge; Water temperature gauge; Oil pressure gauge; Two air pressure gauges. Warning lights for — Main headlamp beam; Charge indicator; Direction indicator RH/LH; Parking brake; Low air pressure, with failure warning prove-out feature through ignition switch; RH and LH cab latch engagement.

FUEL SYSTEM

275 litres round fuel tank mounted on RH frame rail; Water separator primary fuel filter; twin paper element secondary fuel filter; Mechanical lift pump and fuel pump with automatic cold start system including solenoid actuated shutdown.

RATINGS: Gross Vehicle Mass & Gross Combination Mass (kg)

GVM PLATED	14000
Front Axle	6500
Suspension	5780
Tyres	5620 (14 PR)
FRONT RATING	5620
Rear Axle	10250
Suspension	9200
Tyres	8720 (12 PR)
REAR RATING	8720
GCM Plated	32000
ABOVE TABLE SHOWS MINIMUM EQUIPMENT REQUIRED FOR PLATED GVM/GCM)	

ENGINE SPECIFICATIONS: CATERPILLAR 3208 — 225 HP

Ratings	SAE J 816b GROSS	1 (Note 250 hp Dealer Setting)
Power @ 2600 RPM	168 kW (225 hp)	187 kW (250 hp)
Torque @ 1400 RPM	793 Nm (585 lb.ft.)	868 Nm (640 lb.ft.)
Features <input type="checkbox"/> T.C V8 10.4 litre capacity. <input type="checkbox"/> Twin full flow spin on oil filters; Oil cooler. <input type="checkbox"/> Full range governor. <input type="checkbox"/> Forged steel cam shaft; Antifriction roller type cam followers. <input type="checkbox"/> Stellite-faced valves including intake valve seat inserts. <input type="checkbox"/> Cooling: Radiator Size 0.45 m ² (700 in ²); Engine driven fixed fan; Radiator header tank mounted rear of cab. <input type="checkbox"/> Air cleaner: 356 mm (14 ins) Donaldson Cyclopac — with safety element mounted on LH chassis rail. <input type="checkbox"/> Exhaust: Under frame mounted muffler with vertical, free standing pipe on RHS.		

FRONT SPRINGS

Taper leaf (Minimum leaf) 2890 kg pad capacity per spring.

Front Shock Absorbers: Double acting telescopic.

Front Anti-Roll bar.

REAR SPRINGS

Semi-elliptic variable rate radius leaf type; 4600 kg pad capacity per spring.

Rear Shock Absorbers: Double acting hydraulic.

STEERING

Integral power steering; Cam HFB64; Recirc. Ball; Ratio 20.4:1; 480 mm dia. steering wheel.

TRANSMISSION

Eaton Fuller RT6610; Ratios 8.94, 7.00, 5.46, 3.42, 2.61, 2.05, 1.60, 1.25, 1.00:1; Reverse 9.50, 2.78:1; Heavy duty 8 bolt SAE pattern PTO opening at bottom.

WHEELS

B 7.5 × 20 three piece; 10 stud; Seven wheels supplied.

TYRES

10.00 × 20 — 14 PR Front; 2 supplied.

10.00 × 20 — 12 PR Rear and spare; 5 supplied.

Spare Wheel Carrier: side mounted.

CAB

All steel forward control fully isolated tilt cab with 80dB(A) noise insulation; Laminated windscreen; Fully trimmed doors with kerb observation window; Headlining and back panel cloth trimmed; Moulded rubber insulated floor mats; Drivers and passengers sun visors; Two

coat hooks; Bostrom Suspension drivers seat contoured and adjustable for height reach, cushion and squab rake; Fixed dual passenger seat with fully moulded pads; Both seats fabric covered; Seat belts, lap type; Instrument panel modular design comprising instrument housing, centre control console and glove box — fuse panel modules; Climate control comprising foot and face level ventilation and heating, windscreen and sidescreen demist, door air extraction louvres, two speed heater fan and provision for after market air conditioning; Cigarette lighter and ash tray; Two exterior rear vision mirrors; Front exterior service access to windscreen wiper, brake valve, heater and clutch reservoir components; Front mudflaps. **Cab Finish:** Electrocoat undercoating process with baked enamel finish.

OPTIONAL EQUIPMENT

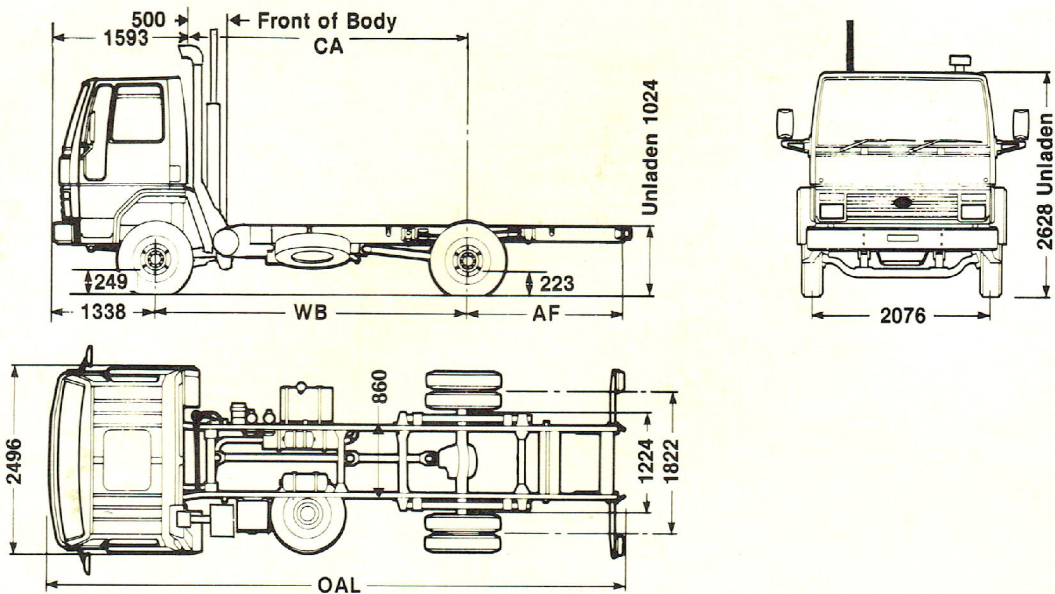
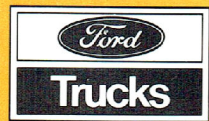
Anti Roll Bar: Rear Anti Roll Bar available for high centre of gravity loads. **Spare Tyre:** 10.00 × 20 — 14 PR.

1. Net outputs will vary depending on equipment fitted and will be slightly less than the gross figures shown.



CARGO 1621

**DIESEL
TURBO
(4 × 2)**



DIMENSIONAL DATA

Dimensions — Minimum Equipment — mm	CA	AF	OAL	Swept Circle*
3520 WB	3265	1100	5972	14.0 m
5600 WB	5345	1870	8822	20.4 m

*Wall to Wall. Note — Frame Heights taken at Rear Axle.

MASS DATA

Kerb Mass — Minimum Equipment — kg*	Front	Rear	Total
3520 WB	3079	1796	4875
5600 WB	3100	1916	5016

*Kerb Mass includes all fluids, full fuel, less driver and passenger. Kerb masses are calculated and subject to variation.

BODY DATA

Body, Payload and Occupant Capacity* — Minimum Equipment — kg

3520 WB	9125
5600 WB	8984

Body Length — mm (subject to State Regulations)

3520 WB 5600 WB

Recommended for Optimum Axle Loadings	3720	6790
NAASRA Maximum	4877	8205

* Adjust for Optional Equipment — Refer Mass Data.

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