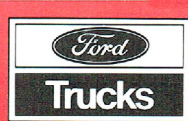


# CARGO 1515 Diesel (Turbo)



## AXLE FRONT

Drop forged steel I Beam; Beam capacity 6500kg

## AXLE REAR

- Rockwell R140, Full floating hypoid axle  Ratio 4.88:1  Capacity 10500kg

## BRAKES

**Service:** Dual line air over hydraulic; Auto adjust; High pressure air storage; Condenser valve with auto drain;  Balanced life front — rear linings;  Low air pressure warning light and buzzer; Hydraulic brake pressure differential warning light and prove-out feature;  Load apportioning valve

**Brake Size:** Front 394x175mm; Rear 394x127mm; Lining Area: 4485cm<sup>2</sup>

**Park Brake:** Spring set type actuator mounted on chassis operating through cable and rods to rear wheels

## CHASSIS

Channel section 266x88x7mm; Section modulus 213.32cm<sup>3</sup>

## CLUTCH

Single dry plate of 330mm diameter; Diaphragm spring type pressure plate; Hydraulic actuation;  Facing area 498cm<sup>2</sup> per side

## DRIVELINE

1630 Series

## ELECTRICAL

12 volt negative earth system; Battery 12 V 120 A/H capacity; Alternator 12 V 45 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; Hydraulic failure warning prove-out feature through ignition switch; RH and LH cab latch engagement

## FUEL SYSTEM

120 litres rectangular fuel tank mounted on RH frame rail;  Water separator primary fuel filter; Twin paper element secondary fuel filter;  Mechanical lift pump; Bosch in-line fuel pump with automatic cold start system and boost control

## FRONT SUSPENSION:

Taper leaf springs; 2400kg pad capacity per spring  Ground rating 6000kg

**Front Shock Absorbers:** Double acting telescopic;  Anti roll bar

## REAR SUSPENSION

Semi-elliptic variable rate radius leaf spring type; 4600kg pad capacity per spring;  Ground rating 10200kg

## RATINGS: GROSS VEHICLE MASS & GROSS COMBINATION MASS (kg)

G.V.M. Plated	14000
Front Axle:	6500
Suspension:	6000
Tyres:	6000
Front Rating:	6000
Rear Axle:	10500
Suspension:	10200
Tyres:	10520
Rear Rating:	10200
G.C.M. Plated:	22400

ABOVE TABLE SHOWS MINIMUM EQUIPMENT REQUIRED FOR PLATED GVM/GCM

## ENGINE SPECIFICATIONS: FORD TYPE 150

RATINGS	BSAU 1419 GROSS <sup>1</sup>	DIN 70020 NET <sup>2</sup>	JIS D1004 NET <sup>3</sup>
Power @ 2400 RPM	114 kW (153 HP)	110 kW (147 HP)	114.6 kW (153 HP)
Torque @ 1700 RPM	491 Nm (362 lb.ft)	481 Nm (354 lb.ft)	502 Nm (370 lb.ft)

**Features**  I6 Cylinder,  T.C. 6 litre capacity.  Full flow replaceable oil filter.  Oil cooler.  Twin thermostat controlled cooling system.  Integral oil cooler.  254mm diameter two stage dry type air cleaner with roof level intake.  Holset turbocharger.  Manual engine stop control with positive lock.  RAC Rating 41 HP.

**Rear Shock Absorbers:** Double acting hydraulic

## STEERING

Integral power steering; Cam HFB-64; Recirc. Ball; Ratio 20.4:1; 480mm dia. steering wheel;

## TRANSMISSION

Ford 8 speed 8.570-S all synchromesh;  Ratios 10.71, 7.04, 4.93, 3.76, 2.85, 1.87, 1.31, 1.00:1; Reverse 10.66;  Six bolt SAE pattern PTO openings on LH and RH side and provision for rear mounted PTO

## WHEELS

22.5x8.25 one piece; 10 stud;  Seven wheels supplied

## TYRES

11R 22.5 — 16 PR radial front; 2 supplied;  11R 22.5 — 16 PR radial 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;  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, outboard inertia reel lap diagonal, centre static lap;  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;  Tinted side and rear glass  Large rear windows  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;  Extensive corrosion protection package

## OPTIONAL EQUIPMENT

**Automatic Transmission:** Allison MT643 four speed; Ratios 3.58; 2.09; 1.39; 1.00:1; Reverse 5.67:1; Converter driven SAE six-bolt PTO opening on RH side (N/A 3600 or 5600 WB)  Rear axle ratio 5.29:1

**Anti Roll Bar:** Rear anti roll bars available for high centre of gravity loads

## • DENOTES CHANGES

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

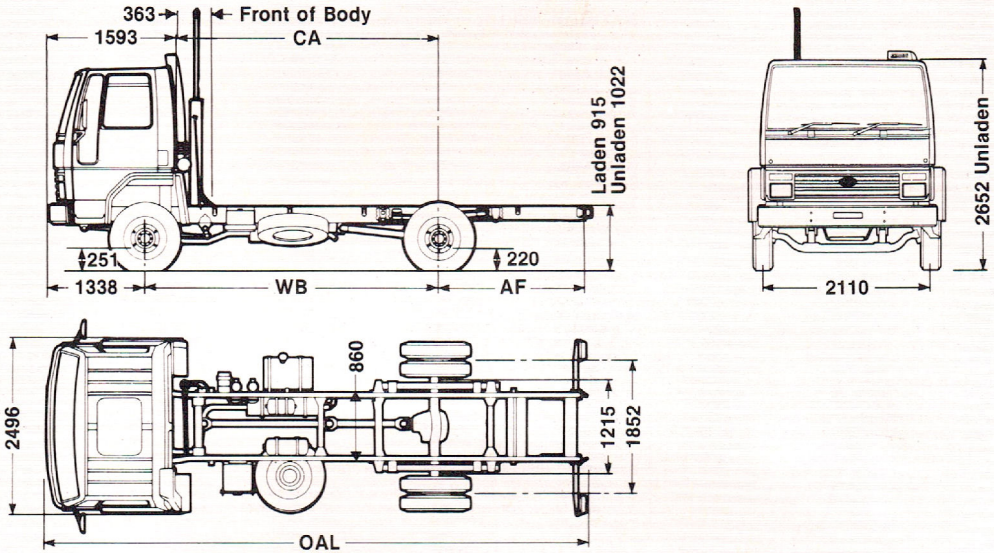
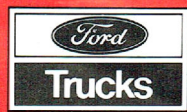
2. These are net outputs allowing for a standard fixed fan and other minimum equipment. They will vary slightly according to the actual equipment fitted.

3. JIS ratings are derived from existing test data and are not certified to JIS.





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## DIMENSIONAL DATA

Dimensions — Minimum Equipment — mm	CA	AF	OAL	Swept Circle*
3600 WB	3345	1100	6038	14.3 m
4250 WB	3995	1220	6808	16.3 m
5600 WB	5345	1870	8808	20.4 m

\* Wall to Wall. Note: Frame Heights taken at Rear Axle.

## MASS DATA

Kerb Mass — Minimum Equipment — kg*	Front	Rear	Total
3600 WB	2747	1515	4262
4250 WB	2770	1550	4320
5600 WB	2873	1686	4559

\* 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			
3600 WB			10738
4250 WB			10680
5600 WB			10441
Body Length — mm (Subject to State Regulations)	3600 WB	4250 WB	5600 WB
Recommended for Optimum Axle Loadings (@ 15000kg GVM)	3982	4835	6934
NAASRA Maximum	5142	6182	8342

\* Adjust for Optional Equipment — Refer Mass Data.

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