



DIMENSIONAL DATA

Dimensions — Minimum Equipment — mm

4115 WB

*Wall to Wall

Swept Circle*

17.0 m

MASS DATA

Kerb Mass — Minimum Equipment — kg*

4115 WB

*Kerb Mass includes all fluids, full fuel, less driver and passenger.

Kerb masses are calculated and subject to variation.

Front

3640

Rear

2170

Total

5810

BODY DATA

Body and Payload Capacity* — Minimum Equipment — kg

4115 WB

8306

*Adjust for Optional Equipment — Refer Mass Data

PLEASE NOTE:

1. This specification sheet contains a general description only of the Ford Product referred to on the sheet, its specifications and features and the optional equipment which is currently available for use on or in connection with such product. Generally the optional equipment referred to is available at extra or variable cost. Certain optional equipment can only be used or ordered in combination with other optional equipment.

2. The illustrations, information and specifications presented and referred to in this specification sheet were correct at the time when the specification sheet was approved for printing. However, Ford Motor Company of Australia Limited and/or Ford Sales Company of Australia Limited

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3. All capacities, measurements, dimensions and weights quoted in this specification sheet are approximate only.

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LN9000 Diesel VT270

LOUISVILLE

LOUISVILLE LN9000 VT270 : MASS—LOAD RATINGS

Gross Vehicle Mass, Gross Combination Mass, and Ground Ratings (kg)

GVM — PLATED	14116	14940
GCM — PLATED		36290
Front Axle		5780
Front Tyres (10.00 x 20)		5480 (14 PR)
Front Suspension		5870
FRONT RATING		5480
Rear Axle		10500 (E23121)
Rear Tyres (10.00 x 20)	8636 (12 PR)	9616 (14 PR)
Rear Suspension		9460
REAR RATING	8636	9460

ABOVE TABLE SHOWS MINIMUM EQUIPMENT REQUIRED FOR PLATED GVM/GCM

AXLE FRONT

● Ford I Beam. Beam capacity 5450 kg; Oil filled hubs

AXLE REAR

● Eaton 23121 single speed, full floating; spiral bevel; ● Ratio 4.56:1; 457 mm diameter ring gear; ● Capacity 10500 kg

BRAKES

● Service: Dual circuit air system; Air pressure gauge, low air pressure warning buzzer and light

● Size:

Front: 381 x 102 mm cam actuated

Rear: 419 x 178 mm cam actuated

● Total Lining Area: 4767 cm²

● Park Brake: Axle mounted spring set (Anchorlok) on rear axles with dash mounted control; Trailer brake and electrical coupling package

CHASSIS

● Single channel section 257 x 78 x 7.9 mm; Material 758000 kPa; Section modulus 176.3 cm³

CLUTCH

● 356 mm diameter twin plate organic disc; Mechanical actuation; ● Facing area 2736 sq.cm.

DRIVELINE

● 1710 Series with Glidecote splines

ELECTRICAL

● 12 volt negative earth system; Battery 4 x 6 volt 158 amp/hour capacity; Alternator Leece Neville 85 amp capacity with inbuilt regulator; ● 178 mm headlamps; Park lamps; Cab clearance lights; Front direction indicators; Rear combination stop—tail, turn and reversing lamps; Number plate lamp; ● Single electric horn; Dual air horns; Hazard warning lights; ● Circuit protection : circuit breakers; ● Low air warning prove-out feature through ignition switch

● Instruments: Speedometer/Odometer — metric; Tachometer; Fuel gauge; Dual air pressure gauge; ● Audible low air pressure warning buzzer; Voltmeter; Engine oil pressure gauge; Engine water temperature gauge; Engine oil temperature gauge; Transmission oil temperature gauge; ● Warning lights for — Low engine oil pressure; High engine water temperature; High transmission oil temperature; Low air pressure; Battery discharge; Headlamp high beam indicator; Direction indicator

ENGINE

● Cummins VT270. 14.8 litre V8 OHV diesel; Turbo-charged; Back-up horsepower; Compression ratio 15.5:1; Bore x Stroke 140 x 120 mm ; Taxable horsepower 96.8

● Gross power at specified RPM

201 kW @ 2400 (governed)

270 BHP @ 2400

223 kW @ 2100 (max power)

300 BHP @ 2100

● Nett power at specified RPM

* 199 kW @ 2400; 267 BHP @ 2400

* 185 kW @ 2100; 248 BHP @ 2100

* Figures shown are based on modulating fan in locked up condition

● Gross torque at specified RPM

1085 Nm @ 1700; 800 lb/ft @ 1700

● Nett torque at specified RPM

1071 Nm @ 1600; 790 lb/ft @ 1600

Nominal torque rise 36%

Features: ● Full flow replaceable oil filter; Replaceable filter; By-pass oil filter mounted to rear of cab; ● Direct drive power steering pump with remote reservoir; ● Rockford modulating fan clutch; ● 406 mm diameter Donaldson Cyclopac air cleaner with safety element and restriction indicator; ● Pressurised cooling system, 6700 cm² frontal area cross-flow radiator with bolted construction incorporating single coolant sight gauge; ● .37m³/min air compressor; ● Hand throttle — locking T; ● Single vertical muffler and pipe LHS

FUEL SYSTEM

● 2 x 376 litre cylindrical aluminium tanks mounted on frame; ● Cummins PT fuel injection system; Fuel filter

FRONT SPRINGS

● Asymmetric type; 1320 x 102 mm 2720 kg pad rating each

FRONT SHOCK ABSORBERS

● Double acting — telescopic

REAR SUSPENSION

● Variable rate radius leaf type 13 leaf springs; 4220 kg pad rating each; ● Auxiliary rear springs, single taper leaf, 1020 kg pad rating each

STEERING

● Ross HF 64 integral power steering ratio 23.4:1; ● 508 mm dia. steering wheel; ● Adjustable steering column

TRANSMISSION

● Fuller RTF-11609-A Roadranger; ● Ratios — LO 12.65:1; Low Range 8.38; 6.22; 4.57; 3.40:1; High Range 2.46; 1.83; 1.34; 1.00:1; Reverse 3.89; 13.22:1; ● 6 Bolt SAE pattern P.T.O. opening on RH side; Heavy duty 8 bolt SAE pattern P.T.O. opening at bottom

WHEELS

● 20 in diameter 6 spoke cast spider and hub assemblies front and rear

RIMS

● 7.5 x 20 inch flat base three-piece demountable type — 7 supplied

TYRES

● 10.00 x 20 — 12 PR — 4 supplied, rear;

● 10.00 x 20 — 14 PR — 2 supplied, front

CUSTOM CAB

● Two seat welded all steel cab with tilting reinforced fibreglass front end for ease of engine access; Features: ● Laminated windscreen; ● National Qush-N-Aire Low Back driver seat with air suspension/height adjustment; National Companion Low Back passenger seat; ● 100% washable polypropylene loop pile carpet; Full door trim panels; Padded headlining; Fibreglass engine cover with provision for log book storage and beverage stand; ● Lap seat belt — passenger and driver; ● Armrests on both doors; Dual padded interior sun visors; Fascia crash pad; Coat hook; Ashtray; Cigarette lighter; ● Westcoast mirrors with painted mirror head and stainless steel arms; ● Assist handles both sides; ● Chrome heat shield; Chrome exhaust outlet pipe; ● Climate control — Fresh air vent — RH lower inner side panel, Heater/Demister with 3 speed blower, variable temperature control and 4 position air control; ● Dual self-parking windscreen wipers; Electric windscreen washers

● Cab Finish: Electrocoat undercoating with baked enamel finish

OPTIONAL EQUIPMENT

● **Rear Tyres:** 10.00 x 20 — 14 PR rear; 4 supplied

● **Rims:** 8.25 x 22.5 one piece 15° bead-seat drop centre, demountable design, seven supplied (Combined option with 11.5R x 22.5 tyres)

● **Tyres:** 11R x 22.5 — 16 PR Radials, front, rear and spare, six supplied (Combined option with 8.25 x 22.5 rims)

● **Spare Tyres:** 10.00 x 20 — 12 PR or 14 PR Crossply
11R x 22.5 — 16 PR Radial

**Actual engine flywheel power has been derived from test procedure SAE J-81 6b — standard conditions of 150 m (500 ft) altitude and 29.4°C (85°F) air intake temperature. As there can be variations in the performance ratings of individual units, the above ratings must be taken as being approximate only. (See notes on reverse side hereof.)*