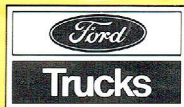


CARGO III SERIES

2421 (6x4)



AXLE FRONT

Rockwell FG-941 wide track; Beam capacity 6200kg

AXLE REAR — DRIVE

Rockwell S38H; Full floating; Hypoid; 5.86:1 ratio; 391mm dia. ring gear; Capacity 17240kg Inter axle differential with air actuated lock

BRAKES

Service: Dual line 'H' split; Full air Rockwell S-Cam brakes; High pressure air storage; Condenser valve with auto drain; Low air pressure warning light and buzzer; Brake pressure differential warning light Tufflo 501 air compressor; Capacity 0.34m³ min (12cfm)

Brake Size: Front 419x127mm;

Rear 419x178mm (both axes);

Lining Area: 7603cm²

Park Brake: Four spring set type actuators operated through service brakes mounted on both drive axles

CHASSIS

Channel section of 347x88x7mm; Section modulus 307cm³

CLUTCH

Spicer twin dry plate of 356mm diameter; Diaphragm spring type pressure plate; Hydraulic actuation; Ceramic facing

DRIVELINE

Spicer 1710 Series

ELECTRICAL

24 volt negative earth system; Batteries 2x12 V 120 A/H capacity; Alternator — 24 V 55 amp; Relays and 24 volt fuses; 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; 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 including solenoid actuated shutdown

FRONT SUSPENSION

Semi-elliptic springs; 2600kg pad capacity per spring; Ground rating 6000kg

Front Shock Absorbers: Double acting telescopic; Anti roll bar

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

G.V.M. Plated	22500
Front Axle:	6200
Suspension:	6000
Tyres:	6000
Front Rating:	6000
Rear Axle:	17240
Suspension:	17240
Tyres:	21040
Rear Rating:	17240
G.C.M. Plated:	38000

ABOVE TABLE SHOWS MINIMUM EQUIPMENT REQUIRED FOR PLATED GVM/GCM

ENGINE SPECIFICATIONS: CATERPILLAR 3208 — 225 HP

RATINGS SAE J1349 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 T.C. V8 10.4 litre capacity. Twin full flow spin on oil filters; Oil cooler. Full range governor. Forged steel cam shaft; Antifriction roller type cam followers Stellite-faced valves including intake valve seat inserts. Cooling: Radiator Size 0.45m² (700in²); Engine driven fixed fan; Radiator header tank mounted rear of cab. Air cleaner; 356mm (14ins) Donaldson Cyclopac — with safety element mounted on LH chassis rail. Exhaust: Vertically mounted muffler and free standing pipe on RHS — Exhaust cap fitted.

REAR SUSPENSION

Hendrickson Soft Ride RT380; 17240kg rating

STEERING

Integral power steering; Cam HFB-64; Recirc. Ball; Ratio 20.4:1; 508mm dia. steering wheel;

TRANSMISSION

Eaton Fuller RTO11613; Ratios 12.56; 8.32; 6.18; 4.54; 3.38; 2.46; 2.15; 1.83; 1.60; 1.34; 1.17; 1.00; 0.87:1; Reverse 13:13; 3:89; Heavy duty 8 bolt SAE pattern PTO opening at bottom

FRONT POWER TAKE OFF

Crankshaft power take off available through radiator access aperture

WHEELS

20ins diameter 6 spoke front and rear cast spider and hub assemblies

RIMS

8.25x22.5 one piece drop centre demountable type — 11 supplied

TYRES

11R 22.5 — 16 PR tubeless radial front; 2 supplied; 11R 22.5 — 16 PR tubeless radial rear; 8 supplied

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 West Coast type 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 **Tools:** Wheel nut brace and handle; spring brake and spare wheel release spanners; 10 tonne hydraulic jack

OPTIONAL EQUIPMENT

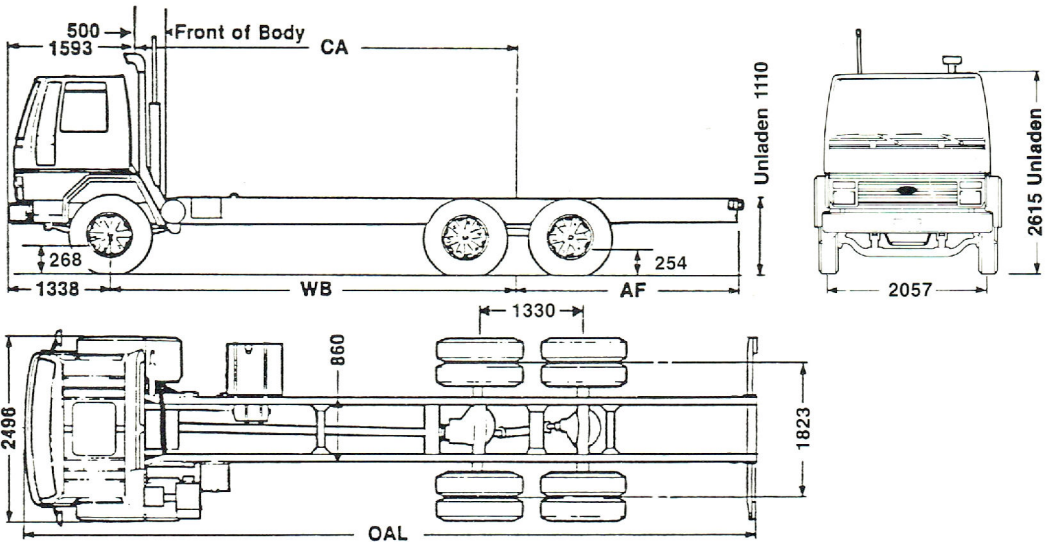
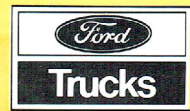
Automatic Transmission: Allison MT 653 DR five speed; Ratios 8.045; 3.583; 2.093; 1.387; 1.00:1; Reverse 5.674:1; Converter driven SAE six bolt PTO opening on RHS. (G.C.M. available upon application and 250 HP not allowable with this option) Rear axle ratio with this option: 5.29:1;

Under bumper spoiler

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

CARGO III SERIES

2421 (6x4)



DIMENSIONAL DATA

Dimensions — Minimum Equipment — mm	CA	AF	OAL	Swept Circle*
3784 WB	3529	1750	6872	17.2 m
5500 WB	5245	2970	9808	22.3 m

* Wall to Wall.

MASS DATA

Kerb Mass — Minimum Equipment — kg*	Front	Rear	Total
3784 WB	3407	3457	6864
5500 WB	3558	3578	7136
Optional Equipment Add—Delete kg			
Allison MT 653 DR Automatic Transmission	—60	—15	—75

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

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Because of variations which occur in manufactured products, all capacities, measurements, dimensions and weights quoted in the relevant brochure and this specification sheet should be taken as approximate only.

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*FORD MOTOR COMPANY OF AUSTRALIA LIMITED
(Incorporated in Victoria)
Registered Office:
1735 SYDNEY ROAD, CAMPBELLFIELD, VICTORIA, 3061