

CANTER 816T

MY24
MODEL



WIDE CAB TIPPER 4x2

FEC81CR3SFBG(T) (DUONIC) FEC81CR4SFBG(T) (MANUAL)



GVM:
7,500kg



Power / Torque:
110kW / 370Nm



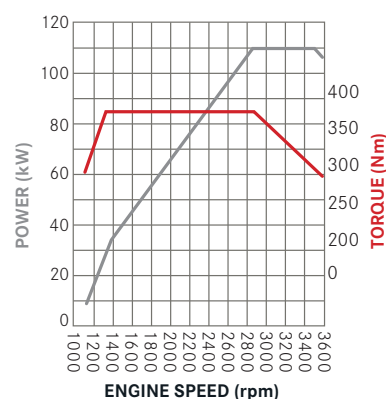
Wheelbase:
2,800mm (C)



ENGINE

Engine Version	FUSO 4P10-T4 diesel
Configuration	4 Cyl. In-line DOHC, 4-valve
Type	Variable geometry turbo charged with intercooler
Displacement	3 litre (2,998cc)
Power (DIN)	110kW @ 2840~3500rpm
Torque (DIN)	370Nm @ 1350~2840rpm
Max Engine Speed (rpm)	4100
Air Cleaner	Restrictor indicator + vertical intake on RH side
Emission Control	Diesel particulate filter with status dash display
Emission Level	EURO 5 (ADR 80/03) EEV-rated (Enhanced Environmentally-Friendly Vehicle)

4P10-T4



TRANSMISSION AND CLUTCH

Type	6-spd DUONIC AMT	5-spd Manual
Version	FUSO DUONIC M038S6	FUSO M038S5
Features	Auto/Manual modes + fuel-saving Eco Mode, virtually instant gear shifts	In-dash gear lever
Ratios	1st: 5.397 2nd: 3.788 3rd: 2.310 4th: 1.474 5th: 1.000 6th: 0.701 Rev: 5.397	1st: 5.494 2nd: 3.193 3rd: 1.689 4th: 1.000 5th: 0.723 Rev: 5.494
Clutch	DUONIC wet multi-plate dual clutch (no pedal)	FUSO C4W30 direct hydraulic single dry plate
PTO Opening	LH side	LH side

KERB WEIGHTS AND MAX AXLE LOADS (KG)

Model Type	Model Code	Vehicle Ratings*		TMUB**	Max Axle Loadings*		Kerb Weights***		
		GVM†	GCM†		Front	Rear	Front	Rear	Total
4x2 816T Wide Cab Tipper 6-spd DUO	FEC81CR3SFBG(T)	7,500	11,000	750	3,100	6,000	1,715	1,560	3,275
4x2 816T Wide Cab Tipper 5-spd MAN	FEC81CR4SFBG(T)	7,500	11,000	750	3,100	6,000	1,705	1,560	3,265

* Vehicle ratings and max axle loadings may be limited by local regulations. ** Tow mass unbraked. *** Includes 10L fuel and spare wheel; subject to 2.5% variation (+/-)
† Class 1 options available (5,995kg GVM / 9,500kg GCM)

ACTIVE SAFETY FEATURES

ABS + Electronic Brake Force Distribution (EBD)
Active Emergency Braking System (AEBS)
Anti-Slip Regulator (ASR)
Electronic Stability Control (ESC)
Lane Departure Warning System (LDWS)
Brake Priority System

CAB & CHASSIS SAFETY FEATURES

ECE R-29 Reinforced Cab + Side Intrusion bars	Hill Start Assist (Adjustable)
Driver Steering Wheel Airbag	Heated Rearview Mirrors
Passenger Dashboard Airbag	Brake Wear Indicator
Speed Limiter (Adjustable)	4-Wheel Disc Brakes
Cruise Control (DUO)	

FUEL

Injection System	Bosch common rail direct injection Bosch piezo technology injectors
Tank Type	100L steel tank with locking cap
Filtration	Filter with water separator and indicator sensor

ELECTRICAL

Voltage / Alternator	12V negative earth / 110 amp
Battery	Heavy duty 115D31L x 2
Head & Fog lamps	LED

AXLE / SUSP. / BRAKES

Front Axle	FUSO F350T I-beam
Rear Axle	FUSO D035H full floating banjo type with positive locking limited slip differential (LSD) 5.714:1 (DUO) 5.285:1 (MAN)
Max Operating Capacity (kg)	3,100 (front) 6,000 (rear)
Suspension	Front and rear: multi-leaf + stabiliser bar + double-acting shock absorbers
Brakes	Hydraulic dual circuit + front and rear twin caliper discs
Park Brake	Transmission-mounted
Brake Systems	ABS + EBD + EBS + exhaust brake Brake Priority System

WHEELS AND TYRES

Wheel Size	17.5 x 6.0-127
Tyres	215/75R17.5 (front) 215/75R17.5 Traction (rear)
Spare Tyre	Yes

INSTRUMENTS

Gauges	Speedometer with odometer, tachometer, fuel level, water temperature
Colour Information Display	Fuel consumption, DPF bar chart from 1~9 Water temperature, maintenance reminder system, date and time, tripmeters

CHASSIS

Ladder Frame	212 x 65 x 6 (mm)
Tensile Strength	540MPa

Refer to the bodybuilders guidelines on www.fuso.co.nz before mounting a body or modifying the chassis

OPTIONS

† Additional Cameras (up to 6)
Truck Specific GPS Navigation
Reversing Sensors
Tyre Pressure Monitoring System
Extended Warranty (+ 2yrs / 100,000km)

CAB FEATURES

Cab Type	All steel forward control manual tilt
Mounting	Hydroelastic 4 point
Interior	Fully trimmed cab with vinyl floor covering
Steering Wheel	Energy-absorbing adjustable (height and reach)
Seats (3)	Heavy-duty driver's seat with arm rest and adjustable lumbar support + passenger bench + ELR 3-point seatbelts (height-adjustable + pretensioner for driver) + lap belt (centre passenger)
Storage	Dual overhead storage pockets, in-dash, centre document storage, door storage pockets, lockable glove box
Doors / Windows	Keyless central locking / electric windows
Temp. Control	Air conditioner / heater / demister
Accessory Power	12V accessory power outlet / cigar lighter
Fuso FS8000 8" Multimedia Touchscreen Unit	AM/FM/DAB + USB + AUX Apple Carplay and Android Auto Wi-Fi enabled for internet radio Bluetooth; 64GB capacity storage; HD reverse camera included †

PERFORMANCE

Turning Circle (kerb to kerb - metres)	10.4
Road Speed (km/h) at Max Engine Speed	127 (DUO) 130 (MAN)
Engine Speed (rpm) at 90km/hr (top gear)	2535 (DUO) 2420 (MAN)
Gradeability at Rated GVM (theoretical)*	40% (DUO) 37% (MAN)
Notes	*This is theoretical performance only. Actual performance may vary under different conditions

DIMENSIONS (MM)

Wheelbase	2,800
Overall Length / Height / Width	5,415 / 2,180 / 2,255
Width Rear Axle	2,190
Width Front / Rear Track	1,665 / 1,670
Width Frame	850

TIPPER BODY

Type	ShinMayawa tipper body
Capacity (m³)	2.6
Inside Length x Width x Height (mm)	3,400 x 2,080 x 370
Deck Floor Height from ground (mm)	1,130
Floor Thickness (mm)	3.2
Front / Side / Tail Panel Thickness (mm)	2.3
Sides and Tailgate Operation	Drop sides + 2-way tailgate
Tipping Mechanism	Hydraulic cylinder + link mechanism
Tip Angle (deg)	60
Lifting / Lowering Time (sec)	20

SERVICE INTERVALS / EXTENDED WARRANTY

30,000km/12mths full service intervals (depending on application).
15,000km/6mths safety inspection with greasing (to maintain warranty cover and optimum performance).

3yrs / 100,000km warranty

All tipper and body equipment covered by 12mths/unlimited km warranty. Terms & conditions apply.

Scan the QR code for full warranty details.

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