

# CONFIDENTIAL

## Executive Summary – Request for Quote – Small Tipper - Road Maintenance Truck

**AUTHOR:** Executive Manager of Works  
**DISCLOSURE OF INTEREST:** Nil  
**ATTACHMENTS:** Technical Details of trucks

### SUMMARY:

Council is presented with a summary of quotations received for the replacement of the Shire's 2019 Mitsubishi Canter 815 Tipper. Submissions received have exceeded the allocated budget for the changeover of this item in range of 41-46%. Only two submissions were received;

- Daimler Trucks – Fuso
- Southwest Isuzu – Isuzu

### Executive Manager of Works – Summary Comments – Subjective Assessment Performance & Efficiency

- Isuzu trucks tend to have slightly better fuel efficiency, especially in light- to medium-duty models like the N-Series.
- Engines are known for being reliable and long-lasting, with smoother torque delivery — which results better performance under load and less wear over time.

### Servicing & Support

- Isuzu has a larger dealership and service network, particularly in regional areas.
- Isuzu are more responsive and effective in service & support.

### Value for Money

- Fuel-efficient engines reduce long-term operating costs.
- Strong parts availability and easier servicing - lower maintenance costs over the life of the truck
- Stronger resale value.

### BACKGROUND & COMMENT:

Evaluation of the quotes was carried out by the Executive Manager of Works

Please refer to Tender Submissions Received and relevant summary.

A net changeover value of \$65,000 (exclusive of GST) was allocated toward the replacement of this item in Council's 2024/2025 Annual Budget.

### FINANCIAL IMPLICATIONS:

Summary of the two submissions is detailed hereunder:

Request for Quote - Changeover Budget \$65,000 (exc GST)						
Small Tipper - Maintenance Truck						
Tenderer & Model	Make/Model & HP	Delivery	Warranty	Price	Trade	Nett Changeover
Daimler Trucks Perth	Fuso	6 months	5 years	\$ 116,042	\$ 24,091	\$ 91,951
	Canter 815		200,000 kms			
South West Isuzu	Isuzu		6 years	\$ 114,805	\$ 20,000	\$ 94,805
	NPR 75-191		250,000 kms			

The recommended truck is \$29,805 more than the budgeted allocation.

### EXECUTIVE MANAGER OF WORKS RECOMMENDATION:

That Council accept the quotation from Southwest Isuzu for the purchase of one Isuzu NPR 75-190 small tipper truck with rear tipping tray at a changeover price of \$94,805, further that the 2024/2025 Municipal Budget allocation be increased accordingly.

## NPR 75-190

## NPR 75-190 CREW



### WEIGHT RATINGS

**GVM** 7,500 kg  
**GCM** 11,000 kg

### ENGINE

**POWER** 140 kW @ 2,600 rpm  
**TORQUE** 513 Nm @ 1,600 - 2,600 rpm

### TRANSMISSION

6 speed manual transmission (MT)  
6 speed automated manual transmission (AMT)

\* Refer to back page for detailed weight rating information

ISUZU CARE	
<b>WARRANTY</b>	6 Year Standard Warranty
	250,000 km / Unlimited Hours
<b>ROADSIDE ASSIST</b>	6 Year Roadside Support
	24/7 Unlimited km

Subject to the conditions outlined in the IAL New Vehicle Warranty. For further information please visit [isuzu.com.au](http://isuzu.com.au) or contact your local dealer.

SERVICE AGREEMENTS			
Optional Service Packages	ESSENTIALS	ESSENTIALS PLUS	TOTAL
<b>SCHEDULED SERVICINGS</b>	●	●	●
<b>CONSUMABLES</b>		●	●
<b>ENGINE, TRANSMISSION &amp; DRIVELINE</b>			●
<b>EXTRAS</b>	After-hours Servicing, Glass, Fuel Card, Pickup - Dropoff		



INTELLIGENT SAFETY		
<b>ACTIVE SAFETY ADVANCED DRIVER ASSISTANCE SYSTEMS (ADAS)</b>	Advanced Emergency Braking	<b>(AEB)</b>
	Forward Collision Warning	<b>(FCW)</b>
	Distance Warning System	<b>(DWS)</b>
	Lane Departure Warning	<b>(LDW)</b>
	Traffic Movement Warning	<b>(TMW)</b>
	Electronic Stability Control	<b>(ESC)</b>
	Anti Skid Regulator	<b>(ASR)</b>
	Anti Lock Braking System	<b>(ABS)</b>
	Customisable Speed Limiter	<b>(CSL)</b>
	Hill Start Aid (MT only)	<b>(HSA)</b>
	Automatic Lighting System (Front and Rear)	<b>(ALS)</b>
	Cab Tilt Warning (Single cab only)	<b>(CTW)</b>
<b>PASSIVE SAFETY CABIN OCCUPANT SAFETY SYSTEMS (COSS)</b>	Driver and front passenger airbags	
	Driver and front left hand passenger seatbelt pretensioners	
	ECE-R29 cab with side anti-intrusion beams	
	Overhead shelf restraint netting	
	Door mounted cornering lamps	

ENGINE	
DESCRIPTION	Isuzu 4HK1-TCC
TYPE	4 cylinder 16 valve SOHC
DISPLACEMENT	5,193 cc
COMPRESSION RATIO	17.5:1
BORE X STROKE	115 mm x 125 mm
POWER	140 kW (190PS) @ 2,600 rpm (DIN NET)
TORQUE	513 Nm @ 1,600 - 2,600 rpm (DIN NET)
INDUCTION	Electronically controlled variable nozzle turbocharger with air-to-air intercooler
FUEL INJECTION	Direct injection high pressure common rail
EMISSION CONTROL	Cooled EGR with exhaust Diesel Oxidation Catalyst (DOC). ADR 80/03 (Euro V) compliant.



CLUTCH	
MT	<b>Type:</b> Single plate with auto adjusting hydraulic control and vacuum assistance <b>Clutch Plate Diameter:</b> 325 mm <b>Clutch lining area:</b> 966 cm <sup>2</sup>
AMT	<b>Type:</b> Fully automated electro/hydraulically controlled wet clutch and fluid coupling with lock up

TRANSMISSION							
MT	<b>Description:</b> Isuzu MZZ-6F						
	<b>Type:</b> 6 speed manual. Syncromesh on gears 1-6.						
	<b>Ratios:</b>						
	<b>1ST</b>	<b>2ND</b>	<b>3RD</b>	<b>4TH</b>	<b>5TH</b>	<b>6TH</b>	<b>REV</b>
	6.369	3.767	1.966	1.355	1.000	0.782	6.369
	<b>Power Take Off facility:</b> Provision on LHS of transmission case. Drive from counter gear.						
AMT	<b>Description:</b> Isuzu MZZ-6F						
	<b>Type:</b> 6 speed with both fully automatic and clutchless manual operation modes						
	<b>Ratios:</b>						
	<b>1ST</b>	<b>2ND</b>	<b>3RD</b>	<b>4TH</b>	<b>5TH</b>	<b>6TH</b>	<b>REV</b>
	6.369	3.767	1.966	1.355	1.000	0.782	6.369
	<b>Power Take Off facility:</b> Provision on LHS of transmission case. Drive from counter gear.						

AXLES	
FRONT	<b>Description:</b> Isuzu F031
	<b>Type:</b> Reverse Elliot I-beam
	<b>Capacity:</b> 3,100 kg
REAR	<b>Description:</b> Isuzu R066
	<b>Type:</b> Full floating banjo with four differential pinions
	<b>Capacity:</b> 6,600 kg <b>Ratio:</b> 3.909 (MT) 4.100 (AMT)

SUSPENSION	
FRONT	<b>Single cab:</b> Single stage alloy steel taper leaf springs <b>Crew cab:</b> Single stage alloy steel multi leaf springs Double acting hydraulic shock absorbers. Stabiliser bar.
REAR	Multi leaf main, multi leaf helper spring Double acting hydraulic shock absorbers. Stabiliser bar.

BRAKES	
TYPE	Ventilated disc/disc with dual circuit hydraulic control, integrated boost assist and electronic brake force distribution (EBD)
DIAMETER FRONT	310 mm
DIAMETER REAR	310 mm
PARK BRAKE	203 mm diameter drum mounted on rear of transmission
AUXILIARY BRAKE	Vacuum controlled exhaust brake

STEERING	
TYPE	Power assisted recirculating ball
GEAR RATIO	20.9
TURNS LOCK TO LOCK	5.4
WHEEL LOCK ANGLE	43.00° (inside wheel) 33.00° (outside wheel)

WHEELS & TYRES	
FRONT	<b>Wheels:</b> 17.5 x 6.00 six stud steel
	<b>Tyres:</b> 205/75R 17.5 124/122M Michelin X Multi Z Tubeless
	<b>Steer axle tyre rating:</b> 3,200 kg
REAR	<b>Wheels:</b> 17.5 x 6.00 six stud steel
	<b>Tyres:</b> 205/75R 17.5 124/122M Michelin X Multi Z Tubeless
	<b>Drive axle tyre rating:</b> 6,000 kg
SPARE	1 frame mounted spare wheel and tyre assembly

CHASSIS FRAME	
TYPE	Cold rivetted ladder frame. SAPH440 steel sidemembers. Parallel side rails and rivetless top flange.
DIMENSIONS	<b>Side rail (mm):</b> 216 x 70 x 6.0 <b>Rear frame width (mm):</b> 850

FUEL TANK	
TYPE	Frame mounted steel fuel tank
CAPACITY	140L
FUEL CAP	Lockable

ELECTRICAL SYSTEM	
TYPE	24 volt
ALTERNATOR	90 amp
STARTER MOTOR	4.0 kW
BATTERY	2 x 80D26L (630 CCA) batteries connected in series

## CABIN GENERAL FEATURES

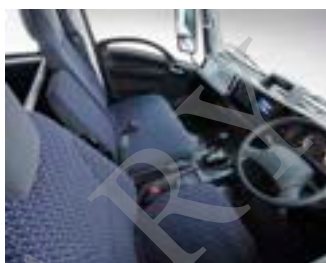
<b>ENGINE ACCESS</b>	<b>Single cab:</b> Manual cab tilt to 45° with torsion bar assistance <b>Crew cab:</b> Access hatch under driver's seat and tiltable front passenger seat
<b>STEPS</b>	Heavy duty anti-slip steps
<b>DOORS</b>	90° opening internally reinforced front doors
<b>MIRRORS</b>	Heated and powered exterior main mirrors with flat glass and additional independently adjustable convex "spot" mirrors
<b>WIPERS</b>	Two speed windscreen wipers with intermittent wipe mode
<b>EXTERIOR LIGHTING</b>	Multi-reflector halogen headlamps
	Roof mounted clearance lamps
	Front foglamps
<b>AUDIBLE WARNING</b>	Reverse alarm
<b>GRILLE</b>	Chrome
<b>SECURITY</b>	Central locking with remote keyless entry and immobiliser

## INSTRUMENTATION

<b>MULTI INFORMATION DISPLAY</b>	AEB, FCW, DWS, LDW, TMW systems activation alerts
	<b>Single cab:</b> CTW indicator
	Low engine oil level alert (activated when oil pan < 71% capacity)
	Vehicle systems status
	Low fuel level alert
	Fuel consumption information
	Service interval alerts
<b>GENERAL INSTRUMENTATION</b>	Hourmeter
	Adjustable vehicle speed warning
	Speedometer and tachometer
	Digital odometer with integrated dual tripmeters
	Engine coolant temperature and fuel level gauges

## CABIN INTERIOR

<b>SEATING</b>	<b>Single cab:</b> Driver's bucket seat equipped with mechanical suspension and weight adjustment to 130 kg <b>Crew cab:</b> Driver's bucket seat Front passenger bench seat with 2 seat capacity <b>Crew cab:</b> Rear bench seat with 4 seat capacity
<b>SEATBELTS</b>	3-point lap sash seatbelts in all outboard seating positions. Centre seat lap belts.
<b>STEERING COLUMN</b>	Tilt/telescopic adjustable
<b>ENTRY ASSIST GRIPS</b>	Door and roof pillar mounted <b>Crew cab:</b> Full width rear grab rail
<b>DOOR WINDOWS</b>	Electric control
<b>STORAGE</b>	Overhead shelf
	Twin cup holders
	Front centre console box and storage tray
	Front door pockets
<b>POWER OUTLET</b>	24V cigarette lighter
<b>AIRCONDITIONING</b>	Auto control
<b>INTERIOR LIGHTING</b>	<b>Single cab:</b> Fluorescent lamp, <b>Crew cab:</b> Standard lamp



Crew cabin rear

## AUDIO VISUAL UNIT

<b>SCREEN TYPE</b>	6.2" LCD with capacitive touch
<b>OPERATING SYSTEM</b>	Android
<b>RADIO</b>	AM/FM/DAB+. Internet radio via smartphone.
<b>INTERNAL STORAGE CAPACITY</b>	32GB
<b>OTHER CAPABILITY</b>	Provision for external camera inputs, navigation, reverse sensors and tyre pressure monitoring



AM/FM/DAB+ radio

## DRIVER CONTROLS

<b>SAFETY SYSTEMS</b>	AEB on/off, FCW on/off/sensitivity adjust, LDW on/off/sensitivity adjust, TMW on/off, ESC & ASR on/off, headlamps and ALS on/off, HSA on/off/sensitivity adjust (MT only)
<b>ENGINE</b>	Idle speed control
	Cruise control
<b>TRANSMISSION (AMT ONLY)</b>	Slow/fast gear engagement control, 1st gear start and normal/economy gear selection modes
	Gear selection control with R-N-D and sequential shift positions
<b>GENERAL CONTROLS</b>	Windscreen wipers (2 speed and intermittent modes), washers, exhaust brake, turn signals



AMT model shown

# NPR 75-190

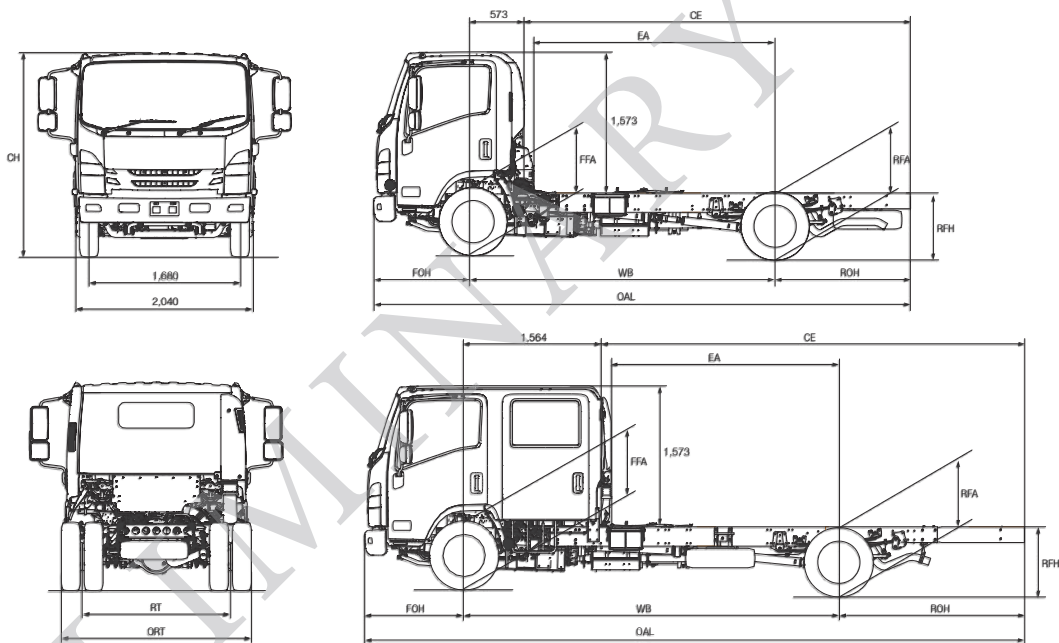
## NPR 75-190 CREW

**ISUZU**  
RELIABILITY IS EVERYTHING

WEIGHTS (kg)							
MODELS	RATINGS*		LOADING LIMIT* (at ground)		CAB CHASSIS WEIGHT #		
	GVM	GCM	FRONT	REAR	FRONT	REAR	TOTAL
NPR 75-190 MWB	7,500	11,000	3,100	6,000	1,780	870	2,650
NPR 75-190 AMT MWB	7,500	11,000	3,100	6,000	1,780	870	2,650
NPR 75-190 AMT MLWB	7,500	11,000	3,100	6,000	1,795	880	2,675
NPR 75-190 LWB	7,500	11,000	3,100	6,000	1,820	910	2,730
NPR 75-190 AMT LWB	7,500	11,000	3,100	6,000	1,820	910	2,730
NPR 75-190 CREW	7,500	11,000	3,100	6,000	2,010	965	2,975
NPR 75-190 AMT CREW	7,500	11,000	3,100	6,000	2,010	965	2,975

\* Vehicle ratings and axle weight limits are subject to government regulatory requirements and weight distribution analysis. Consult your Isuzu dealer to select the correct vehicle for your specific application. \*\*4,000kg maximum towing limit applies to 4,500kg GVM rated vehicle. Tag trailer weight should not exceed towing vehicle weight. Limit is subject to government regulatory requirements. # Cab chassis only as supplied and including 10 litres of fuel.

DIMENSIONS (mm)													(m)
MODELS	WB	OAL	FOH	ROH	EA	CE	RT	ORT	CH	FFA (unladen)	RFA (unladen)	RFH (unladen)	TURNING CIRCLE kerb to kerb
NPR 75-190 MWB	3,365	5,985	1,100	1,510	2,680	4,302	1,650	2,115	2,270	675	790	830	12.4
NPR 75-190 MLWB	3,815	6,630	1,100	1,705	3,130	4,947	1,650	2,115	2,270	660	780	820	14
NPR 75-190 LWB	4,175	7,338	1,100	2,053	3,490	5,655	1,650	2,115	2,270	675	790	845	15.3
NPR 75-190 CREW	4,175	7,338	1,100	2,053	2,510	4,654	1,650	2,115	2,270	660	800	860	15.3



PERFORMANCE (calculated - typical paved road)				
		GEARED SPEED* (top gear at peak power engine rpm)	LOW SPEED GRADEABILITY (lowest forward gear assuming no wheel slip)	ENGINE SPEED (top gear at 100 km/h)
NPR 75-190	At 7,500 kg GVM	118 km/h @ 2,600 RPM	42%	2,195 rpm
NPR 75-190 AMT	At 7,500 kg GVM	113 km/h @ 2,600 RPM	44%	2,305 rpm

\* Maximum speed achievable depends on vehicle frontal area as well as other factors. Consult your Isuzu dealer for more detailed information.

ORDER CODES	
MODELS	CODES
NPR 75-190 MWB	NH-NPRAC-H21
NPR 75-190 AMT MWB	NH-NPRAC-J21
NPR 75-190 AMT MLWB	NH-NPRAC-K21
NPR 75-190 LWB	NH-NPRAC-M21
NPR 75-190 AMT LWB	NH-NPRAC-N21
NPR 75-190 CREW	NH-NPRCC-M21
NPR 75-190 AMT CREW	NH-NPRCC-N21

Subject to the conditions outlined in the IAL New Vehicle Warranty, 4x2 Isuzu N series models carry a standard factory warranty which covers the owner for the first 72 months or 250,000 kilometres (whichever comes first). All Isuzu warranties are subject to mandatory prescribed terms under Australian Consumer Law including consumer guarantees. For more details visit the Isuzu website at [www.isuzu.com.au](http://www.isuzu.com.au) which explains Isuzu warranties in more detail, or alternatively contact your local Isuzu Truck dealer. All warranties commence from date of initial delivery.

ISUZU AUSTRALIA LIMITED ABN 97 006 962 572 ("IAL"). The information in this spec sheet was correct at time of printing, but all measurements, specifications and equipment are subject to change without notice. Some equipment may have been changed and/or is available at extra cost. IAL may make changes at any time without notice, in prices, colours, materials, equipment and models. IAL makes all reasonable attempts to ensure the availability of all vehicles and equipment. The information in this spec sheet is general in nature. Your Isuzu dealer can confirm all measurements, specifications and vehicle / equipment availability upon request. To the extent permitted by the law, IAL is not liable to any person as result of reliance on the content of this spec sheet.



# CANTER

## FUSO

### CANTER 815

4X2 / WIDE CAB / MANUAL OR DUONIC DCT



**OUR SAFEST CANTER EVER WITH AEBS, LDWS AND ESP STANDARD  
CLASS LEADING TARE WEIGHT AND 30,000KM SERVICE INTERVALS.**

**GVM**

**7,500<sub>KG</sub>**

**GCM**

**11,000<sub>KG</sub>**

**Power/Torque**

**110<sub>KW</sub> / 370<sub>NM</sub>**

- Light rigid licence required.
- Can be derated and driven with a passenger car licence.

DAIMLER

FUSO.COM.AU

**FUSO**

**JOB DONE**

# SPECIFICATIONS

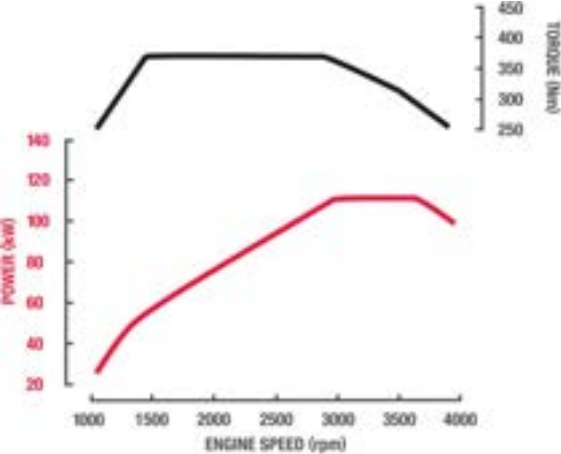


# CANTER

MODEL	
A	4x2 815 Wide Cab MWB 6 Sp. Duonic AMT (FEC71ER3SFBC)
B	4x2 815 Wide Cab LWB 6 Sp. Duonic AMT (FEB71GR3SFBC)
C	4x2 815 Wide Cab MWB 5 Sp. MAN (FEC71ER4SFBC)
D	4x2 815 Wide Cab LWB 5 Sp. MAN (FEB71GR4SFBC)

WHEEL BASE	GVM (optional)	GCM (optional)
3400mm	7,500kg (4,495kg)	11,000kg (7,995kg)
3850mm	7,500kg (4,495kg)	11,000kg (7,995kg)
3400mm	7,500kg (4,495kg)	11,000kg (7,995kg)
3850mm	7,500kg (4,495kg)	11,000kg (7,995kg)

Engine	
Engine Version	FUSO 4P10-T4 Diesel
Configuration	4 Cyl. In-line DOHC, 4-Valve
Type	Variable Geometry Turbo Charged Air to Air Intercooled
Displacement	3 litre (2998cc)
Bore	95.8mm
Stroke	104mm
Power (DIN)	110kW @ 2840~3500 rpm
Torque (DIN)	370Nm @ 1350~2840 rpm
Maximum Engine Speed	4100 rpm
Compression Ratio	17.5:1
Cooling System / Oil Cooler	Water cooled,13.7L capacity/ Plate type engine oil cooler
Air Cleaner	Paper Element Type with Restrictor Indicator. Vertical Intake Mounted on Clean Air Side (RH)
Emission Control	Diesel Particulate Filter (DPF) Exhaust Dash Display DPF Status 0~9 (Empty~Full) Parked Regeneration possible from 7~9
Emission Level	ADR 80/03 & EEV rated Enhanced Environmentally-Friendly Vehicle Euro 5



Fuel	
Injection System	Bosch Common Rail Direct Injection Bosch Piezo Technology Injectors
Tank Type	Rectangular Steel Tank with Locking Cap
Fuel Capacity *	100 Litres
Filtration	Filter with Water Separator and Indicator Sensor
Notes	*Max Fill to approx 95% of Air Capacity

Cooling	
Fan Drive	Thermo modulated continuous control (Viscous)
Radiator	Corrugated Fin with Expansion Tank

Electrical	
Voltage	12V Negative Earth
Battery Capacity	2x12V, 70Ah/5hr
Battery Specification	115D31L x2
Headlamp Type	Halogen
Headlamp Capacity	2x55W/60W
Body Builder Harness	Yes*
Notes	*Standard from October 2021 build

Clutch		
Clutch Model	A B Fully Automated Dual Clutch (no clutch pedal)	C D FUSO C4W30
Type	A B Dual Clutch (Wet Multi-plate)	C D Single Dry Plate, Direct Hydraulic Type

Transmission		
Version	A B FUSO Duonic M038S6	C D FUSO M038S5
Type/Speeds	A B 6 Speed Dual Clutch with Auto and Manual Modes	C D 5 Speed with In-Dash Gearshift Lever
Features	A B Virtually Instant Gear Changes In-Dash Gear Lever with Park Brake Position ECO Mode to Minimise Fuel Usage	C D Synchromesh 2nd-5th
Ratios	A B 1st: 5.397 2nd: 3.788 3rd: 2.310 4th: 1.474 5th: 1.000 6th: 0.701 Rev. 5.397	C D 1st: 5.494 2nd: 3.193 3rd: 1.689 4th: 1.000 5th: 0.723 Rev. 4.494
PTO Opening	LH Side	

Front Axle	
Axle Version	FUSO F350T
Type	Reverse Elliot 'I' Beam
Capacity *	3100kg
Notes	*See MAX LOADING for vehicle capacity.

Front Suspension	
Type	Multi-Leaf with Stabiliser Bar and Double Acting Shock Absorbers
Size	1150x70mm Leaves

Rear Axle		
Type	Full Floating Banjo Type	
Axle Version	FUSO R035T	
Capacity*	6000kg	
Ratio	A B 5.714:1	C D 5.285:1
Notes	*See MAX LOADING for vehicle capacity.	

Rear Suspension	
Type	Steel Suspension
Details	Semi-Elliptic Leaf with Stabiliser Bar and Double Acting Shock Absorbers
Size Main Leaves	1250x70mm
Size Helper Leaves	880x70mm

Max Loading	
Front	3100kg
Rear	6000kg
Total	7500kg

Options	
Options	H31: 4495/7995kg GVM/GCM Rating

# SPECIFICATIONS



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Steering	
Type	Integral Ball and Nut Type
Steering Column	Tilt/Telescopic Adjustable
Power Assist	Standard

Brakes	
Type	Hydraulic Dual Circuit with Front and Rear Discs Twin Calliper Front and Rear
Size Front	A 235x40mm B C 252x40mm D 310x40mm
Size Rear	A B C 252x40mm D 310x40mm
Features	ABS plus EBD (Electronic Brake Distribution) Active Emergency Braking System (AEBS) Electronic Stability Program (ESP) Exhaust Brake Brake Priority System Electronic Brake Wear Sensors (From Aug 20 build)
Park Brake	Transmission Mounted

Wheels & Tyres	
Wheel Type	7 x Single Piece Disc Rims (Including Spare)
Wheel Size	17.5x6.0-127
Wheel Stud Pattern	6 Stud 222.25 PCD
Tyre Size All	215/75R17.5 124/123
Spare Tyre Carrier	Provided

Chassis	
Type	Reinforced Tapered Channel
Size	A C 212x65x6mm B D 192x60x6mm
Width	A C 850mm B D 752mm
Tensile Strength	A C 540 MPa B D 440 MPa

Instruments	
Gauges	Speedometer with Odometer Tachometer Fuel Level Water Temperature
Colour Information Display	Fuel Consumption DPF Bar Chart from 1~9 Water Temperature Lane Departure Warning Maintenance Reminder System Tripmeters

Multi-Media Package	
Satellite Navigation	Maps with heavy vehicle weight, length, height & hazardous material selectable restrictions with 3 years of Map updates
Colour Display	7 inch LCD with touch screen control
Phone Connectivity	Bluetooth® hands free
Audio Visual Entertainment	Bluetooth® music streaming compatible Digital radio DAB+ (also AM/FM for areas not covered by DAB+) USB & 3.5mm/AUX port
Reversing Camera Compatible	Display can accept up to 5 cameras#
Optional Accessories (available at additional cost)	Rear Mounted Parking Sensor Kit High or Low Tyre Pressure Monitoring System
Notes	# Cameras available through spare parts

Standard Features	
Airbag(s)	Dual Air Bags and Seat Belt Pre-Tensioners (Driver & Far Side Passenger)
Active Safety Features	ABS plus Electronic Brake force Distribution (EBD) Advanced Emergency Braking (AEBS) Anti-Slip Regulator (ASR) Electronic Stability Program (ESP) Lane Departure Warning System (LDWS)
Cruise Control	A B Yes C D No
Hill Start System	Yes
Cab Cooling & Heating	Air Conditioner / Heater / Demister
Accessory Power	12V Accessory Power Outlet / Cigar Lighter
Driving	Fuso Multimedia Unit Keyless Central Locking Electric Windows Cup Holders (2)
Storage	Dual Overhead Storage Pockets In-Dash Centre Document Storage Door Storage Pockets Dash Storage Tray (1 DIN) Coat Hooks
Cab: External	Front End-Outline Marker Lamps Door Side Impact Beams
Chassis	Reverse Warning Buzzer Factory Reverse Camera with Infrared Display and Audible Pickup (Supply only in Cabin with Cab Chassis)

Cab Features	
Type	All Steel Forward Control Manual Tilt
Cab Structure	ECE-R29 European Cab Strength Approved
Mounting	Hydroelastic 4 Point
Additional Engine Access	A B Removable Engine C D N/A Access Panel
Colour	Natural White
Windscreen Wipers	2 Speed + Intermittent Cycle with Integrated Washer Nozzles
Rear Vision Mirrors	1 x Internal 2 x External Convex (ECE 46) - Heated
Seating Capacity	3
Seat Belts	Lap Sash Belts for Outside Seating Positions Lap Belt for Centre Seat Driver Seat Belt Warning (From Aug 20 build)
Seat (driver)	Suspended with Weight Adjustment, LH Arm Rest and Lumbar Support
Seats (passenger)	Flat Folding, 2 Passenger Bench

Service Intervals	
Interval*	30,000km or 12 Months (whichever occurs first)
Notes	* based on normal operating conditions and may be reduced when operating under severe conditions.

Warranty	
Basic/Powertrain	5 Years or 200,000kms (whichever occurs first)
Cab Perforation/Anti Corrosion	5 Years

Performance	
Turning Circle (kerb to kerb - metres)	A C 12.2 B D 13.6
Road Speed (km/h) at Max Engine Speed	A B 127 C D 130
Engine Speed (rpm) at 100km/hr (top gear)	A B 2817 C D 2687
Gradeability at Rated GVM (theoretical)*	A B 31% C D 29%
Notes	*This is theoretical performance only. Actual performance may vary under different conditions



# SPECIFICATIONS

**FUSO**

**CANTER**

## MODEL

A	4x2 815 Wide Cab MWB 6 Sp. Duonic AMT (FEC71ER3SFBC)
B	4x2 815 Wide Cab LWB 6 Sp. Duonic AMT (FEB71GR3SFBC)
C	4x2 815 Wide Cab MWB 5 Sp. MAN (FEC71ER4SFBC)
D	4x2 815 Wide Cab LWB 5 Sp. MAN (FEB71GR4SFBC)

## WHEEL BASE

3400mm
3850mm
3400mm
3850mm

## GVM (optional)

7,500kg (4,495kg)
7,500kg (4,495kg)
7,500kg (4,495kg)
7,500kg (4,495kg)

## GCM (optional)

11,000kg (7,995kg)
11,000kg (7,995kg)
11,000kg (7,995kg)
11,000kg (7,995kg)

## Mass estimated\*

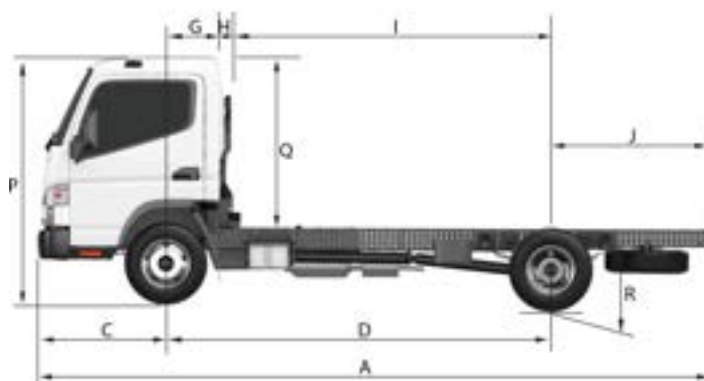
Front*	A	B	C	D
	1585kg	1605kg	1565kg	1590kg
Rear*	A C	B		D
	795kg	790kg		785kg
Total*	A	B	C	D
	2380kg	2395kg	2360kg	2375kg
Notes	* Mass (est.) includes oil and water but excludes spare wheel, tools & fuel. Weights provided are subject to 3.5% variation (+/-)			

## Dimensions mm

WFF (Width Front Fender) (mm)	1995			
WRA (Width Rear Axle) (mm)	A C		B D	
	2144		2034	
WRT (Width Rear Track) (mm)	A C		B D	
	1670		1560	
Width Frame (mm)	A C		B D	
	850		752	
A - Length Overall (mm)	A C		B D	
	5935		6685	
C - Front Overhang (mm)	1140			
D - Wheelbase (mm)	A C		B D	
	3400		3850	
G - Front Axle to Rear of Cab (mm)	525			
H - Rear of Cab to Rearmost Item Behind Cab (mm)	A B		C D	
	50		81	
I - Rearmost Item Behind Cab to Rear Axle (mm)	A	B	C	D
	2825	3275	2794	3244
J - Frame, Rear Axle to End (mm)	A C		B D	
	1395		1695	
P - Height Cab to Ground (mm)	A C		B D	
	2190		2180	
Q - Height Cab to Frame (mm)	A C		B D	
	1505		1514	
R - Height Rear Frame to Ground (mm)	A C		B D	
	807		797	

## Body Builder's Notes

Notes	Chassis reinforcement must be utilised for Tipper/Demountable type body configurations. To conform with ADR 13/00 and 14/02 (lighting/mirror requirements) the following must be adhered to at body installation. - If overall width exceeds 2.1 metres and other than flat type or tipper body is fitted, rear end-outline markers must be installed. - If overall length exceeds 6.0 metres, side reflectors must be installed. - If overall length exceeds 7.5 metres and width exceeds 2.1 metres, side marker lamps must be installed. - If overall width is less than 2.2 metres, the mirrors must be modified to project not more than 230mm. To conform with ADR 42/04 (General Safety), rear wheel guards must be fitted to the vehicle.
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