



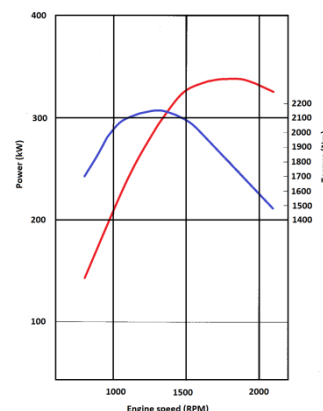
*Image shown may differ slightly from actual vehicle

AT A GLANCE

Configuration:	8x4
Gross Vehicle Mass:	29 000kgs
Gross Combination Mass:	55 000kgs
Engine Horsepower (DIN Nett):	460PS @ 1800RPM
Engine torque (DIN Nett):	2255Nm @ 1300RPM
Gradeability (GCM) %:	56
Estimated engine RPM @ 90km/hr:	1700
Emission Standard:	Japan 05

ENGINE

Engine Model:	6WG1 - TCC
Type:	6 cyl 24 valve, SOHC
Displacement:	15,681cc
Compression Ratio:	16.0:1
Max Power (DIN Nett):	338 kW (460 HP) @ 1800 RPM
Max Torque (DIN Nett):	2255 Nm (1663 lb.ft) @ 1,300
Emission Control System:	Japan 05 with Exhaust Gas Retention and Diesel Particulate Diffuser
Lubrication:	Pressure fed with full and partial flow cartridge filters, 32.5 litre capacity
Cooling System:	Vented radiator with viscous fan, gear driven pump and cooling fan remote coolant surge reservoir, system capacity approx 42 litres
Fuel System:	Electronically controlled Denso, high pressure common rail, pre filter with Pre-filter and water-in-fuel sensor, heavy duty fine micron main fuel filter 400 litre rectangular alloy fuel tank with lockable fuel cap
Air Intake System:	VGS turbo charger with air-to-air intercooler, vertical air intake behind cab
Exhaust System:	Chassis mounted DPD left side with under-body muffler and right hand outlet



TRANSMISSION

Make/Model	Isuzu MJX16 Automated Manual Transmission (AMT) with Auto or Manual options and power, economy and skip shift modes
Ratios (:1)	1 st 14.01, 2 nd 11.34, 3 rd 9.93, 4 th 8.03, 5 th 6.84, 6 th 5.53 7 th 4.58, 8 th 3.71, 9 th 3.05, 10 th 2.47, 11 th 2.16, 12 th 1.75 13 th 1.49, 14 th 1.20, 15 th 1.00, 16 th 0.81, Rev 1: 12.58 Rev 2: 10.18
PTO:	Opening at left side of transmission
Oil capacity:	Gearbox approx 16 litres,
Clutch:	Air assisted 15.5" twin plate with clutch pedal for low-speed yard shunting operations, not required for normal driving

AXLES

Front Axles:	Isuzu FO55
Type:	Elliot reverse I-beam
Capacity:	5500 kgs per axle
Rear Axle:	Isuzu RT210
Type:	Single speed tandem drive with inter-axle diff lock Integral oil pump
Capacity:	21000kgs
Final Drive:	Hypoid type, 419mm diameter ring gear
Ratio:	4.10:1
Oil capacity:	Approx 18 litres (front), 12 litres (rear)

CHASSIS

Front Suspension

- Alloy steel tapered parabolic leaf springs
- F1: 1600 x 80 x 25 - 3 off, F2: 1450 x 80 x 25 - 3 off
- Constant F1: 32.0 Kg/mm F2: 33.1 Kg/mm
- Double acting shock absorbers with stabiliser bar on F1 axle

Rear Suspension

- Isuzu 4-bag air suspension, stabilizer bars on both axles
- Hydraulic shock absorbers on both axles
- Remote hand control to adjust suspension height for loading/coupling
- Auto return to factory-set ride height after 20km/hr
- Super Kick Drive facility for heavy duty starts

Steering

- Power assisted recirculating ball with integral power assistance
- Gear Ratio 20.2:1
- Oil system capacity approx 6 litres

Chassis Frame

- Rolled steel channel, cold riveted ladder frame
- Rail dimensions 285 x 85 x 7.0 mm
- HT540 weldable steel
- Parallel side rails
- Inner frame reinforcement at suspension mounts

Brakes

- Dual circuit full air, tapered roller, auto adjusting
- NZ Brake Rule 32015 compliant with ABS
- Drums 410mm diameter
- Front linings 160mm wide, Type 24 chambers
- Rear linings 220mm wide Type 24/30 chambers
- Total lining swept area 12 606 cm²
- Spring park brake acts on all rear wheels
- Twin cylinder air compressor 650cc
- Air processing unit
- Trailer brake hand control with limited travel

Auxiliary retardation

- Isuzu X-Tard air controlled exhaust brake
- Provides up to 350HP (PS) retardation
- Isuzu Giga-Tard permanent magnet drive shaft retarder provides up to 65kgf/m silent retardation

Wheels and Tyres

- 8.25" x 22.5" 165mm offset Alcoa alloy wheels
- 10 stud, 22mm hole size, 335mm PCD
- Tyres 275/70 R22.5 148/145 front and rear
- No spare wheel or tyre provided.

Electrical

- 24 volt negative earth system
- 50 amp alternator
- Batteries - 2 x N150, 638 CCA @ 18°C

CAB AND INTERIOR

CAB EXTERIOR

- All steel construction, high tensile steel on cab under-frame with side impact beam reinforcement
- Cab is fully compliant with ECE-R29 crash tests
- Power cab tilt to 48° with manual hydraulic back-up
- 4 point electronically controlled air bag cab suspension with four dampers
- Enclosed non-slip cab entry steps with RH step light
- Lift-up front panel for engine oil, screen washer and clutch fluid check and refill points
- Door mounted 22" heated power main and convex mirrors
- LH side kerb and front under-view mirrors
- External-access equipment locker on left side of cab
- Steel front air dam with integral fog lamps and indicators
- HID headlamps
- Additional door-mounted turn signal indicators
- Cornering lamps
- Roof-mounted outline marker lamps
- Combined brake/turn/reverse/outline marker lamps
- Registration plate lamps, extended wiring harness
- Reverse alarm buzzer standard

CAB INTERIOR

- Driver's seat - ISRI 6860 air suspended, pneumatic lumbar support, height, rake, auto weight adjustment seat for occupant mass up to 150kg

CAB INTERIOR (continued)

- Front passenger adjustable bucket seat
- 3-point ELR seatbelts on both seat positions, driver's seat fitted with pre-tensioner integral to the seat
- SRS including air bag on driver's seat
- Door and pillar entry assist grips both sides
- Lined interior, padded roof lining and vinyl floor covers
- Hot and cold storage box
- Two overhead storage lockers with CB compatible slot
- Height/reach adjustable steering column, soft-feel urethane steering wheel
- Electric windows
- Central locking with keyless entry and engine immobiliser
- Fully integrated air conditioning with redirect to sleeper
- 12V 100W accessory power outlet and cigarette lighter
- Door mounted storage pockets, LH and RH glove boxes
- Centre console with storage locker, fold-over storage tray and two storage ports/cup holders
- Double DIN touch screen single CD player, AM/FM radio Bluetooth, auxiliary input, SD card slot, USB port, 4 speakers
- Optional reversing cameras with split screen and navigation card
- Full all-round curtains with partition curtain for sleeper area
- Fluorescent interior lamp voltage.

Instruments and Controls

- Speedometer with digital odometer and two trip meters and electronic tachometer
- Engine coolant temperature, fuel gauge and main and primary brake air pressure gauges
- Two-speed wipers with variable intermittent wipe function
- Key operated engine start, stop, steering lock
- Differential lock switch with "Engaged" light
- Idle speed adjustment switch
- Giga-Tard progressive engagement switch
- LH combination stalk: windscreen wipers/wash control, hazard lamps, X-Tard exhaust brake, Giga-Tard on/off
- RH combination stalk: Indicators, lights & fog lamp switch, headlamp dip switch, cruise control set/resume/cancel
- Warning lamps: Check engine, oil pressure ABS fault, SRS, alternator charge, service brake, park brake on, seat belt, low air pressure (with buzzer, water-in-fuel, low fuel level, seat belt reminder
- Indicator lamps for: Trailer non-ABS, park brake on, turn signal, high beam, trailer hand control on, cruise control main/set, cab lock
- Multi Display provides : Clock, calendar, fuel consumption data including total economy and fuel consumption, trip distance, trip economy and fuel consumption (when moving), Idle consumption (when stationary), battery
- Multi info display warnings include: Engine overheat, low coolant level, low oil pressure, low fuel level.

Please refer to Owners and Drivers Manual for more detailed operation, driving instruction and warnings

WEIGHTS (kgs)

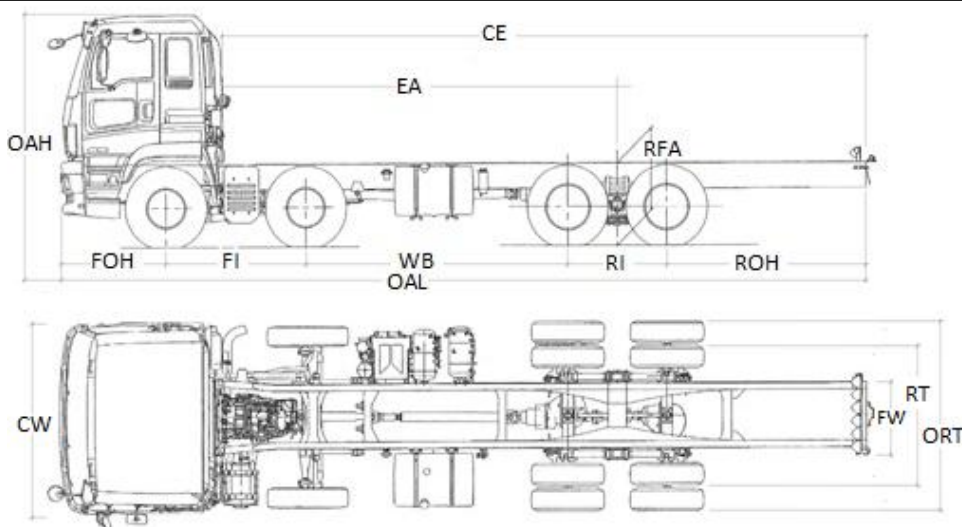
Model Code	MODELS	RATINGS *		LOADING LIMITS (at ground)*		CHASSIS CAB TARE MASS **		
		GVM	GCM	FRONT	REAR	FRONT	REAR	TOTAL
CYJ103	CYJ460	29 000	55 000	10 800	15 000	5570	3092	8662

* Vehicle ratings and front and rear mass limits are subject to regulatory requirements – Consult your dealer to select a specific vehicle to suit your requirements

** Chassis cab as supplied from the factory including 20 litres of fuel

DIMENSIONS (mm)

Models	WB	OAL	OAH *	FOH	ROH	CA	CE	FI	RI	RT	ORT	FW	RFH *	AF	CW	Kerb to Kerb (m)
CYJ460	5980	9610	2900	1400	2230	5216	7446	1850	1310	1850	2475	850	950	764	2490	21.4
* Unladen condition																



WARRANTY

- Vehicle:** 24 months or 250,000 kilometres *
- Power Train Components** 36 months or 250,000 kilometres *
- Perforation Corrosion** 36 months

- * Whichever occurs first
- All warranty is subject to terms and conditions as detailed in the Owner's Manual Service and Warranty Supplement

A policy of continuous improvement means that these specifications are subject to change without notice. Contact your Isuzu dealer to confirm specifications.
Images of vehicles are representative only and may differ slightly from the actual vehicle