

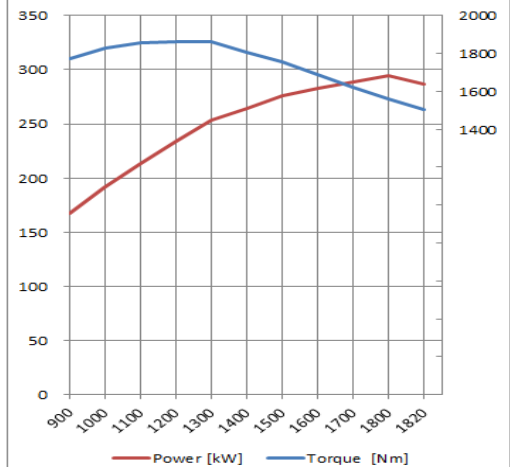
Model	CYJ400 AMT
GCM (kg)	55,000
GVM (kg)	29,000
Max Power (kW)	294
Max Torque (Nm)	1863
Wheelbase (mm)	5980
Cab	Low
Suspension	Air



## ENGINE

<b>Engine Model:</b>	6WG1 - TCR
<b>Type:</b>	6 cyl 24 valve, SOHC
<b>Displacement:</b>	15,681cc
<b>Compression Ratio:</b>	16.0:1
<b>Max Power (DIN Nett):</b>	294 kW (400 HP) @ 1800 RPM
<b>Max Torque (DIN Nett):</b>	1863Nm (1374 lbs/ft) @ 1300
<b>Emission Control System:</b>	Euro V with Diesel Oxidation Catalyst
<b>Fuel System:</b>	Electronically controlled Denso Direct Injection, high pressure common rail, 400 litre rectangular alloy fuel tank with lockable fuel cap.
<b>Air Intake/Exhaust:</b>	Turbocharged, intercooled, vertical intake, horizontal outlet

## ISUZU 6WG1-TCR



## PERFORMANCE

- 1<sup>st</sup> Gear Gradeability @GVM: 45.7%      - Est Engine RPM @90km/h : 1484

## TRANSMISSION

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

## AXLES

<b>Front Axles:</b>	Isuzu FO66 x 2
<b>Type:</b>	Elliot reverse I-beam
<b>Capacity:</b>	13200 kgs
<b>Rear Axle:</b>	Isuzu RT210
<b>Type:</b>	Single speed tandem drive with inter-axle diff lock Integral oil pump
<b>Capacity:</b>	21000kgs
<b>Final Drive:</b>	Hypoid type, 419mm diameter ring gear
<b>Ratio:</b>	3.909:1

## CHASSIS

### Front Suspension

- Alloy steel tapered parabolic leaf springs
- Double acting shock absorbers with stabiliser bar on Front axle

### Rear Suspension

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

### Electrical

- 24 volt negative earth system
- 50 amp alternator
- Batteries - 2 x N120, 610 CCA @ 18°C

### Brakes

- Dual circuit full air, ABS.
- Drums 410mm diameter
- Front linings 160mm wide, Type 24 chambers
- Rear linings 220mm wide Type 24/30 chambers
- Twin cylinder air compressor 650cc
- 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 65kg/m silent retardation

### Chassis Frame

- Rolled steel channel, cold riveted ladder frame
- Rail dimensions 285 x 90 x 7 mm
- HT540 weldable steel
- Frame width 850mm, 950mm at engine/trans
- Inner frame reinforcement at suspension mounts

### Wheels and Tyres

- 8.25" x 22.5" 165mm offset Alcoa alloy wheels
- 10 stud, 22mm hole size, 335mm PCD
- Tyres 275/70R22.5 148/145 front and rear

### Steering

- Power assisted recirculating ball with integral power assistance
- Gear Ratio 20.2:1

## CAB AND INTERIOR

### CAB EXTERIOR

- All steel construction, standard roof, high tensile steel on cab under-frame with side impact beam reinforcement
- Cab strength equivalent to ECE-R29 standard
- Power cab tilt to 48° with manual hydraulic back-up
- 4 point electronically controlled air bag cab suspension
- Enclosed non-slip cab entry steps with RH step light
- Door mounted 22" heated power main & convex mirrors
- LH side kerb and front under-view mirrors
- External-access equipment locker on left side of cab
- Steel front bumper integral head lamps, fog lamps and indicator
- Halogen multi-reflector headlamps,
- Roof-mounted outline marker lamps
- 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
- 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

### CAB INTERIOR (continued)

- Two overhead storage lockers
- Height/reach adjustable steering column, soft-feel urethane steering wheel
- Electric windows
- Fully integrated air conditioning
- Central locking with keyless entry and engine immobiliser
- 24V 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
- MultiMedia radio/CD/DVD/MP3/WMA Player With 6.2" Touch Screen, Bluetooth, voice dialing, text to speech, SD and USB inputs, on-board recordable memory, optional external cameras with up to 4-way screen, GPS navigation and many other options \*
- Full all-round curtains with partition curtain for sleeper area
- Fluorescent interior lamp

### Instruments and Controls

- Speedometer with digital odometer and two trip meters and electronic tachometer
- Engine coolant temperature, fuel & brake air gauges
- Two-speed wipers with intermittent wipe
- Idle speed adjustment switch
- combination stalks: 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 voltage.
- Multi info display warnings include: Engine overheat, low coolant level, low oil pressure, low fuel level.

## WEIGHTS (kgs)

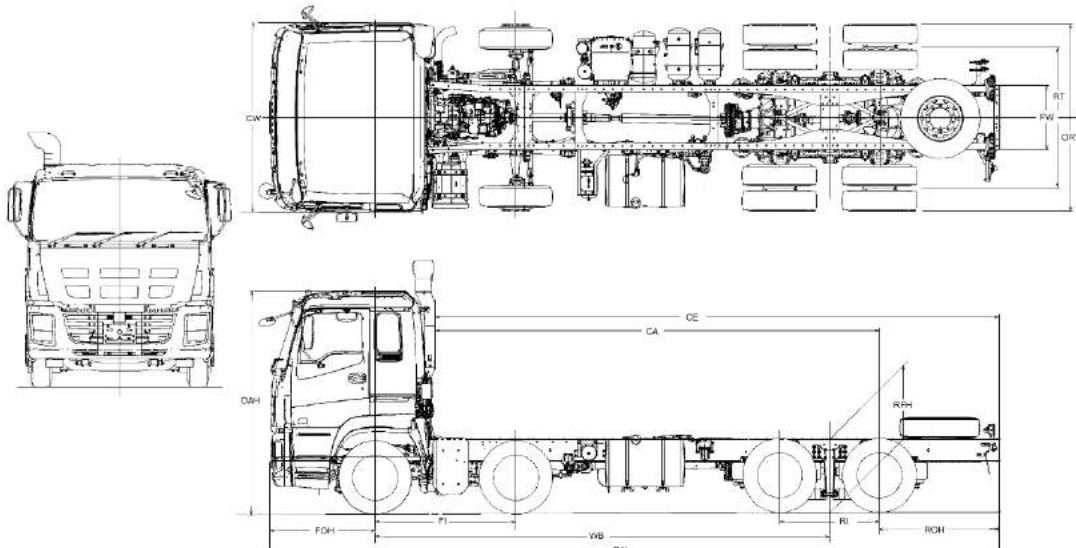
Model Code	MODELS	RATINGS *		LOADING LIMITS (at ground)*		CHASSIS CAB TARE MASS **		
		GVM	GCM	FRONT ***	REAR	FRONT	REAR	TOTAL
CJ0115	CYJ400 AMT	29 000	55 000	11000	15000	6260	2850	9110

\* 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 10 litres of fuel

## DIMENSIONS (mm)

Models	WB	OAL	OAH *	FOH	ROH	CA	FI	RI	CE	RT	ORT	FW	RFH *	AF	CW	Kerb to Kerb (m)
CYJ400 AMT	5980	9610	3078	1400	2325	5190	1850	1310	7421	1850	2480	850	957	789	2490	21.4

\* Unladen condition



## WARRANTY

**Full vehicle warranty:** 36 months or 250,000 kilometres 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 or visit our website at [Isuzu.co.nz](http://Isuzu.co.nz) to confirm specifications. Images of vehicles are representative only and may differ slightly from the actual vehicle