

CYH460

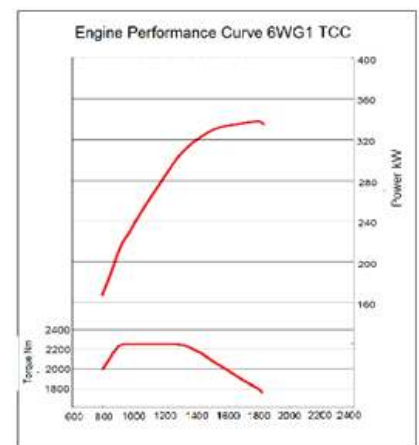


8x4

MODEL	CYH460	CYH460D
GVM (kg)	29,000	29,000
GCM (kg)	62,000	62,000
Max Power (kW)	338	338
Max Torque (Nm)	2255	2255
Wheelbase (mm)	5980	5980
Suspension	steel	steel



ENGINE			
Engine Model	ISUZU 6WG1 - TCC	Type	6 cyl 24 valve, SOHC
Displacement	15,681cc	Compression Ratio	16.0:1
Max Power (DIN Nett)	338 kW (460 HP) @ 1800rpm		
Max Torque (DIN Nett)	2255 Nm (1663 lb.ft) 900-1,300rpm		
Emission Control System	Euro V with Selective Catalytic Reduction, (SCR)		
Fuel System	Electronically controlled Denso Direct Injection, high pressure common rail, 400 litre rectangular alloy fuel tank with lockable fuel cap. 75 litre ABLE tank		
Air Intake System	Turbo charged, inter-cooled, vertical intake, horizontal exhaust outlet		



CLUTCH		PERFORMANCE	
Manual	5.5" TWIN PLATE with Eaton Transmission	RPM @90km/h: 1510 & 1650 (CYH460D)	Speed Limit: Customisable
		Low Speed Gradeability @GCM (lowest forward gear, no wheel slip), (CYH460D)	47% (53%)

TRANSMISSION	
Manual	Eaton Road Ranger 18-speed constant mesh RTLO18918B
Gear ratio (:1)	1st 14.40, 2nd 12.29, 3rd 8.56, 4th 7.30, 5th 6.05, 6th 5.15, 7th 4.38, 8th 3.74, 9th 3.20 10th 2.73, 11th 2.29, 12th 1.92 13th 1.62, 14th 1.38, 15th 1.17, 16th 1.00, 17th 0.86 18th 0.73. Reverse: L/L 15.05 L/H 12.86, H/L 4.03 H/H 3.43

AXLES	
Front	Isuzu FO66 x 2, 6,600Kg capacity
Rear	ISUZU RT210 21000Kg & RT260, 26,000Kg cap (CYH460D & No-Spin differential)
Ratio	4.1:1 & 4.875:1 (CYH460D), Inter-axle lock & Integral oil pump.
WHEELS AND TYRES	
<ul style="list-style-type: none"> 22.5 x 8.25 ten stud ISO standard Alcoa aluminium wheels. Front: 275/70R22.5 148/145 & CYH460D 11.00R22.5 148/145 Rear: 275/70R22.5 148/145 & CYH460D 11.00R22.5 148/145 	

CHASSIS			
Suspension	Chassis	Brakes	Electrical & Steering
<ul style="list-style-type: none"> Front Suspension Alloy steel tapered parabolic leaf springs Double acting shock absorbers with Rear Suspension Isuzu 6-rod and trunnion axle locating system Alloy steel parabolic tapered leaf springs 	<ul style="list-style-type: none"> Rolled steel channel, cold riveted ladder frame Rail dimensions 285 x 85 x 7 mm 319 x 90 x 7.5mm (CYH460D) HT540 weldable steel Frame width 850mm, 950mm at engine/trans Inner frame reinforcement at suspension mounts. 	<ul style="list-style-type: none"> Dual circuit full air, ABS. Front Drum Brakes 410x160mm, Type 24 chambers Rear Drum Brakes 410x220mm Type 24/30 chambers Trailer brake hand control. Isuzu air controlled exhaust brake Isuzu Giga-Tard permanent silent magnet drive shaft retarder. 	<p>24 volt negative earth system 60-amp alternator Batteries - 2 x N120, 660 CCA @ 18°C</p> <p>Steering: Power assisted recirculating ball with integral power assistance. Gear Ratio 20.2:1 Steering angle: Inner (Outer)47° (36°)</p>

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CAB AND INTERIOR

Cab Exterior	Cab Interior	Instruments and Controls
<ul style="list-style-type: none"> 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 and 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 	<ul style="list-style-type: none"> 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 seat-belts on both seat positions, driver's seat fitted with SRS pre-tensioner, integral to the seat, SRS air bag on driver's seat Lined interior, padded roof lining and vinyl floor covers Door and pillar entry assist grips both sides Overhead storage locker with CB compatible slot Wireless phone charger for Qi enabled phones. Adjustable steering column, soft-feel urethane steering wheel with audio controls Electric windows Central locking with keyless entry and engine immobiliser Air conditioning with redirect to sleeper Two 12V 100W accessory power outlets and 24V cigarette lighter Centre console with storage locker, fold-over storage tray and two storage ports/cup holders Multimedia unit with 6.2" LCD touch screen. Android OS. DAB+ digital radio, integrated Bluetooth with voice recognition. Inbuilt media viewer. Internet radio via smartphone. 32GB file storage. USB & auxiliary inputs. OPTIONS: (full details from your Isuzu dealer): Telematics system. Supports up to five camera inputs one being digital camera, reversing sensors. Tyre pressure monitoring. 	<ul style="list-style-type: none"> Speedometer with digital odometer and trip meters Engine coolant temperature, fuel and AdBlue gauges, dual brake air pressure gauges Two-speed wipers with variable intermittent wipe function Differential lock switch with "Engaged" light Idle speed adjustment switch Giga-Tard progressive engagement switch LH combination stalk: windscreen wipers/wash control, hazard lamps, exhaust brake, Giga X-Tard on/off RH combination stalk: Indicators, lights & fog lamp switch, headlamp dip switch, cruise control set/resume/cancel 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 (KG)

Model Codes	Models	Ratings*		Loading Limits (at ground)*		Chassis Cab Tare Mass**		
		GVM	GCM	Front	Rear	Front	Rear	Total
CH0515	CYH460	29000	62000	11000	15000	5850	3160	9010
CH0315	CYH460D	29000	62000	11000	15000	5954	3460	9414

* 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)

*Unladen condition

Turn Circle (m)

Models	WB	OAL	OAH*	FOH	ROH	CA	RI	CE	FI	RFH*	cab width	Kerb to Kerb (m)
CYH460	5980	10665	3170	1400	2630	5178	1310	8463	1850	1055	2490	21.4
CYH460D	5980	10665	3080	1400	2630	5178	1310	8463	1850	1135	2490	21.4

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 to confirm specifications. Images of vehicles are representative only and may differ slightly from the actual vehicle

