

CYH400



8x4



MODEL	CYH400
GVM (Kg)	29,000
GCM (Kg)	55,000
Max Power (kW)	294
Max Torque (Nm)	1863
Wheelbase (mm)	5980
Suspension	Steel

ENGINE			
Engine Model	ISUZU 6WG1 - TCR	Type	6 cyl 24 valve, SOHC
Displacement	15,681cc	Compression Ratio	16.0:1
Max Power (DIN Nett)	294 Kw (400hp) /1,800rpm		
Max Torque (DIN Nett)	1,863 Nm/1,300rpm		
Emission Control System	Euro 5 with Diesel Oxidation Catalyst		
Fuel System	Electronically controlled Denso Direct Injection, high pressure common rail, 400 litre rectangular alloy fuel tank with lockable fuel cap.		
Air Intake System	Turbo charged, inter-cooled, vertical intake, horizontal exhaust outlet.		



CLUTCH		PERFORMANCE		
Manual	15.5" TWIN PLATE	RPM @90km/h:1600	Speed Limit:	Customisable
ISUZU AMT	15.5" TWIN PLATE	Low Speed Gradeability @GCM (lowest forward gear, no wheel slip)		46%

TRANSMISSION	
Manual	Eaton Road Ranger 18-speed constant mesh RTLO16918B
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
PTO	Opening at bottom, 8 bolt SAE pattern, 474Nm torque capacity

AXLES	
Front	ISUZU FO66, capacity 6,600Kg x 2
Rear	ISUZU RT210, 21,000Kg capacity tandem drive with Inter-axle lock
Ratio	4.33:1, Hypoid 445mm diameter crown wheel & Integral oil pump
WHEELS AND TYRES	
• 8.25" x 22.5" 165mm offset steel wheels, painted silver	
• Front: 275/70R22.5 148/145	
• Rear: 275/70R22.5 148/145	

CHASSIS			
Suspension	Chassis	Brakes	Electrical & Steering
<p>Front Suspension</p> <ul style="list-style-type: none"> Alloy steel tapered parabolic leaf springs Double acting shock absorbers with <p>Rear Suspension</p> <ul style="list-style-type: none"> 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 285x85x7 mm HT540 weldable steel Rail width 950mm at engine/transmission 850mm rearwards of transmission 	<ul style="list-style-type: none"> Dual circuit air brakes with ABS. 410mm diameter brake drums Front linings 160mm wide, Type 24 brake chambers Rear linings 220mm wide Type 24/30 brake chambers Trailer brake hand control Isuzu Air controlled exhaust brake 	<ul style="list-style-type: none"> 24 volt negative earth system 60-amp alternator Batteries - 2 x N120, 660 CCA @ 18°C <p>Steering:</p> <ul style="list-style-type: none"> Power assisted recirculating ball with integral power assistance. Gear Ratio 20.2:1 Steering angle: Inner (Outer)47° (36°)

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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 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 indicators. 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 LH combination stalk: windscreen wipers/wash control, hazard lamps, exhaust brake 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
CH0115	CYH400	29000	55000	11000	15000	5850	3160	9010

* 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
CYH400	5980	10665	2920	1400	2630	5846	1310	8476	1850	1056	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.

