

# FYH350

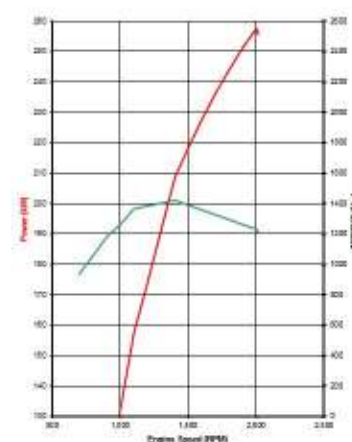


# 8x4

MODEL	FYH350M	FYH350A	FYH350S (short)
GVM (kg)	30,000	30,000	30,000
GCM (kg)	42,500	42,500	42,500
Max Power (Kw)	257	257	257
Max Torque (Nm)	1422	1422	1422
Wheelbase (mm)	5770	5770	5080
Suspension	steel	steel	steel



ENGINE			
Engine Model	ISUZU 6UZ1-TCN	Type	6 cylinder 24 valve
Displacement	9,839 cc	Compression Ratio	17.5:1
Max Power (DIN Nett)	257 kW (345 HP) @ 2,000 RPM		
Max Torque (DIN Nett)	1,422 Nm (1,049 lb.ft) @ 1,400 RPM		
Emission Control System	Cooled EGR with exhaust Diesel Oxidation Catalyst (DOC). (Euro V) compliant. (FY350S - vertical exhaust system)		
Fuel System	Direct injection high pressure common rail system. Frame mounted aluminium fuel tank. 400L (except FYH SWB). 200L		
Air Intake System	Electronically controlled variable nozzle turbocharger with air-to-air intercooler		



CLUTCH		PERFORMANCE	
Standard:	Air assisted hydraulic control. Single plate 432 mm diameter. Total lining area: 1,923 cm <sup>2</sup>	Eng rpm (top gear ,90km/h): 1677(man)	Speed Limit: limited to 100Kmh
		Low Speed Gradeability @ GVM (lowest forward gear, no wheel slip)	man 59% & auto 48%

TRANSMISSION	
Manual:	Eaton RTO 11908LL 11 speed constant mesh
Gear ratios (:)	LL14.56, L 9.42, 1st 6.24, 2nd 4.63, 3rd 3.40, 4th 2.53, 5th 1.89
	6th 1.36, 7th 1.00, 8th 0.74, RLL 15.22, RL 9.85, RH 2.89
PTO (manual)	Engine Driven, constant mesh, 0.97 x engine speed, anti-clockwise
	from rear. Max allowable - 800 Nm maximum output torque
Auto	ALLISON 4430 series, 6 speed with TranSynd synthetic fluid
	1st 4.7, 2nd 2.21, 3rd 1.53, 4th 1.00, 5th 0.76, 6th 0.67, Rev 5.55
	LHS and top PTO openings on transmission bell housing.

AXLES	
Front:	MERITOR • 2 x FG941 reverse Elliot I-beams. 6,600 kg capacity each
Rear:	MERITOR RT40-145P, Driver controlled inter-axle & cross locks on both axles.
Ratio:	MANUAL model 4.875:1, AUTO model 5.286:1

WHEELS AND TYRES	
	• 22.5 x 8.25 10-stud ISO wheel rims
	• FRONT: 295/80R22.5 152/148M
	• REAR: 11 R22.5 148/145
	• White painted steel wheel rims

CHASSIS			
Suspension	Chassis	Brakes	Electrical & Steering
Front: <ul style="list-style-type: none"> <li>Single stage alloy steel taper leaf springs.</li> <li>Double acting hydraulic shock absorbers fitted to both axles. Stabiliser bar fitted to 1st front axle with shock absorbers</li> </ul> Rear: <ul style="list-style-type: none"> <li>Taper leaf springs with Isuzu 6 rod and trunnion location system</li> </ul>	<ul style="list-style-type: none"> <li>Cold rivetted ladder frame.</li> <li>HT540A high tensile weldable steel side members.</li> </ul> Frame dimensions: <ul style="list-style-type: none"> <li>Side rail (mm): 285 x 85 x 7.0</li> <li>Rear frame width (mm): 850</li> </ul>	<ul style="list-style-type: none"> <li>Meritor 'Q-Plus' dual circuit full air 'S-cam' front and rear drum brakes</li> <li>with auto slack adjusters.</li> <li>ABS.</li> <li>Front drum size: 419 x 152 mm</li> <li>Rear drum size: 419 x 178 mm</li> <li>Spring park brake acting on all rear wheels.</li> <li>Air controlled exhaust brake.</li> <li>Air dryer.</li> </ul>	<ul style="list-style-type: none"> <li>24 volt electrical system.</li> <li>90 amp alternator &amp; 24 volt, 5.0 kW starter motor.</li> <li>Batteries connected in series.</li> <li>2 x 115E41L (651 CCA) &amp;</li> <li>2 x 80D26L (600 CCA) (SWB).</li> </ul> STEERING <ul style="list-style-type: none"> <li>Power assisted steering. Turns lock to lock: 3.8</li> <li>Maximum angle:               <ul style="list-style-type: none"> <li>1st axle: 40.0° (inside) / 32.2° (outside)</li> <li>2nd axle: 34.0° (inside) / 28.6° (outside)</li> </ul> </li> </ul>

FYH350



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## CAB AND INTERIOR

Cab Exterior	Cab Interior	Instruments and Controls
<ul style="list-style-type: none"> <li>All steel construction with electro-hydraulic cab tilt.</li> <li>High tensile steel used for cab underframe.</li> <li>Complies with ECE-R29 cab strength standard.</li> <li>Full floating cab with coil spring suspension and hydraulic shock absorbers.</li> <li>Heavy duty non slip entry steps.</li> <li>90° opening internally reinforced front doors.</li> <li>Water spray suppression guards and front mudflaps.</li> <li>Laminated windscreen with shade band.</li> <li>Two speed windscreen wipers with intermittent wipe mode.</li> <li>Halogen multi-reflector headlamps incorporating turn signals and front foglamps.</li> <li>Additional door mounted side indicator lamps.</li> <li>Combination brake, turn, reverse and marker lamps, registration plate</li> <li>illumination lamps. Extended wiring harness. Reverse alarm.</li> <li>Roof-mounted clearance lamps.</li> <li>Heated and powered exterior main mirrors with flat glass and additional powered convex "spot" mirrors.</li> <li>Chrome grille.</li> <li>Body coloured steel air dam bumper.</li> </ul>	<ul style="list-style-type: none"> <li>ISRI 6860 air suspension driver's seat with pneumatic lumbar support, height, rake and automatic weight adjustment.</li> <li>Front passenger adjustable bucket seat.</li> <li>3-point seatbelts. Driver seatbelt with pre-tensioner integrated with driver seat.</li> <li>Driver airbag.</li> <li>Door and roof pillar entry assist grips.</li> <li>Overhead front storage compartments with front passenger glovebox.</li> <li>Full interior trim, padded roof lining and vinyl floor covering. Overhead front storage compartments.</li> <li>Tilt/Telescopic adj. steering column, soft feel urethane steering wheel with audio controls.</li> <li>Central locking with remote keyless entry,</li> <li>Electric windows.</li> <li>Twin cup holders. 24V cigarette lighter. Dashboard hook.</li> <li>Front door mounted storage pockets and driver's side ashtray.</li> <li>Centre console box with storage tray.</li> <li>Integrated air conditioning &amp; heater/demister. Fluorescent interior lamp.</li> <li>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 &amp; auxilliary inputs.</li> <li>OPTIONS: (full details from your Isuzu dealer): Telematics system. Supports up to five camera inputs. One digital camera, Reversing sensors, tyre pressure monitoring. Wireless phone charger for Qi enabled phones.</li> </ul>	<p>DRIVER CONTROLS</p> <ul style="list-style-type: none"> <li>Key-operated engine start/stop &amp; steering lock. Engine idle speed control.</li> <li>Inter-axle lock and cross lock engage switches.</li> <li>Pushbutton gear selection control (auto model).</li> <li>Left side combination stalk: Windscreen wipers, washers &amp; exhaust brake.</li> <li>Right side combination stalk: Turn signals, headlamps &amp; cruise control.</li> </ul> <p>INSTRUMENTATION</p> <ul style="list-style-type: none"> <li>Electronic speedometer &amp; tachometer. Digital odometer with integrated dual tripmeter. Engine coolant temperature, fuel level &amp; air pressure gauges.</li> <li>Warning lamps: Check engine, oil pressure, ABS, SRS airbag, alternator charge, service brakes, park brake, seatbelt unfastened, low air pressure, low fuel level, cab lock.</li> <li>Indicator lamps: Warm up system, high beam, exhaust brake, turn signals, inter-axle lock, cruise control. Transmission oil level, oil life, filter life, and condition monitor display (auto model).</li> <li>Multi information display. Shows service interval, vehicle systems status, instantaneous &amp; average fuel consumption, hourmeter, voltmeter, time/day/date and includes 40-120km/h adjustable vehicle speed warning.</li> </ul>

## WEIGHTS (KG)

Model Codes	Models	Ratings*		Loading Limits (at ground)*		Chassis Cab Tare Mass**		
		GVM	GCM	Front	Rear	Front	Rear	Total
FY0113	FYH350	30,000	42,500	11,000	15000	5,810	2,835	8,645
FY0213	FYH350 auto	30,000	42,500	11,000	15000	5,720	2,830	8,550
FY0516	FYH350S (short)	30,000	42,500	11,000	15000	5,940	2,666	8.606

\* 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

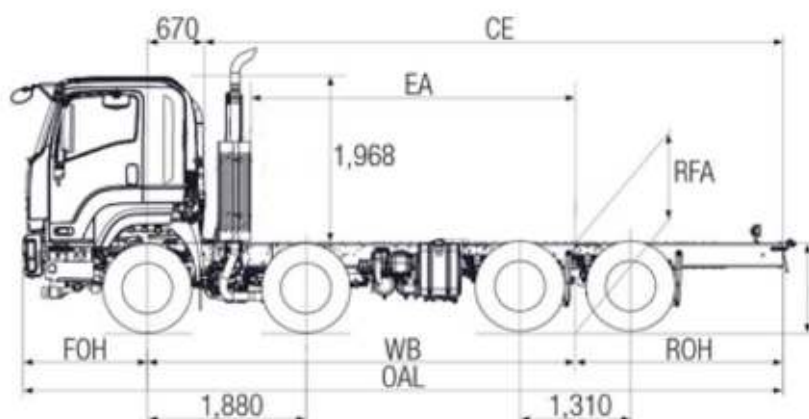
Turn Circle (m)

Models	WB	OAL	cab height*	FOH	ROH	EA	CE	outer rear track	cab width	RFA*	Kerb to Kerb
FYH350	5,770	9,720	3,000	1,480	2,470	5,100	7,570	2,445	2,490	1,105	20.4
FYH350S (short)	5,080	9,030	3,000	1,480	2,470	3,870	6,880	2,445	2,490	1,095	17.9

## WARRANTY

Full vehicle warranty: 36 months or 200,000 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.



FYH350S shown