

FYJ350

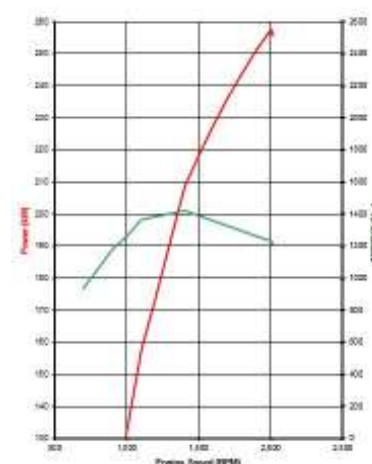


8x4

MODEL	FYJ350 manual	FYJ350 auto
GVM (kg)	30,000	30,000
GCM (kg)	42,500	42,500
Max Power (Kw)	257	257
Max Torque (Nm)	1422	1422
Wheelbase (mm)	5770	5770
Suspension	air	air



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.		
Fuel System	Direct injection high pressure common rail system. Frame mounted aluminium fuel tank. 400L		
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 ²	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 (PTO Model)
Ratios (:1)	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
Ratios (:1)	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 • 2x 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: 11.00R22.5 148	
• REAR: 11 R22.5 145	
• White painted steel wheel rims, (FYJ AUTO) Alcoa aluminium wheels	

CHASSIS			
Suspension	Chassis	Brakes	Electrical & Steering
Front: • Single stage alloy steel taper leaf springs. • Double acting hydraulic shock absorbers fitted to both axles. Stabiliser bar fitted to 1st front axle with shock absorbers Rear: • Hendrickson HAS461 airbag. 20,865 kg capacity at ground, outboard mounted double acting shock absorbers.	• Cold riveted ladder frame. • HT540A high tensile weldable steel side members. • Frame dimensions: Side rail (mm): 285 x 85 x 7.0 Rear frame width (mm): 850	• Meritor 'Q-Plus' dual circuit full air 'S-cam' front and rear drum brakes with auto slack adjusters. • ABS. • Front drum size: 419 x 152 mm • Rear drum size: 419 x 178 mm • Spring park brake acting on all rear wheels. • Air controlled exhaust brake. • Air dryer.	• 24 volt electrical system. • 90 amp alternator & 24 volt, 5.0 kW starter motor. • Batteries connected in series. 2 x 115E41L (651 CCA) & STEERING • Power assisted steering. Turns lock to lock: 3.8 • Maximum angle: 1st axle: 40.0° (inside) / 32.2° (outside) 2nd axle: 34.0° (inside) / 28.6° (outside)

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CAB AND INTERIOR

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

WEIGHTS (KG)

Model Codes	Models	Ratings*		Loading Limits (at ground)*		Chassis Cab Tare Mass**		
		GVM	GCM	Front	Rear	Front	Rear	Total
FY0313	FYJ350	30,000	42,500	11,000	15,000	5,820	2,595	8,415
FY0413	FYJ350 auto	30,000	42,500	11,000	15,000	5,665	2,510	8,175

* 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
FYJ	5,770	9,720	3,000	1,480	2,470	5,100	7,570	2,445	2,490	1,050	20.4

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

