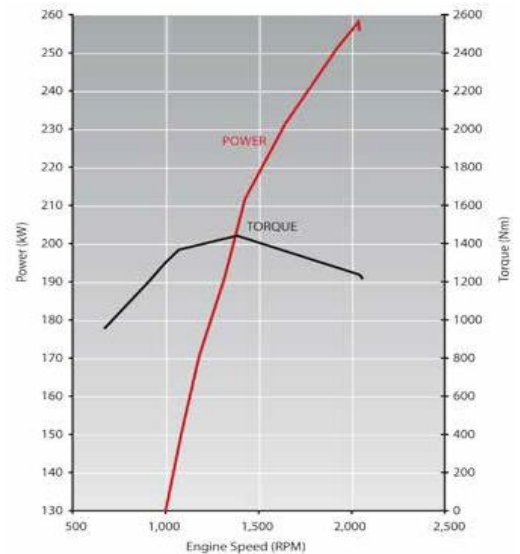


| Model | FYJ350FS M | FYJ350FS A |
|-----------------|------------|------------|
| GCM (kg) | 42,500 | 42,500 |
| GVM (kg) | 30,000 | 30,000 |
| Max Power (kW) | 257 | 257 |
| Max Torque (Nm) | 1422 | 1422 |
| Wheelbase (mm) | 5770 | 5770 |
| Suspension | Air | Air |



ENGINE

| | |
|--------------------------|---|
| Engine Model: | 6UZ1-TCC |
| Type: | 6 cyl 24 valve, SOHC |
| Displacement: | 9,839cc |
| Compression Ratio: | 17.5:1 |
| Max Power (DIN Nett): | 257kW (350 HP(PS)) @2,000 RPM |
| Max Torque (DIN Nett): | 1422Nm (1049 lb.ft) @1,400 |
| Emission Control System: | Euro V with cooled EGR and Diesel Oxidation Catalyst (DOC) |
| Fuel System: | Electronically controlled direct injection, high pressure common rail 200 litre alloy fuel tank with lockable fuel cap |
| Air Intake System: | Electronically controlled variable nozzle turbo charger with air-to-air intercooler, vertical air intake behind cab |



PERFORMANCE

- Maximum Towed Mass (braked): 20,000kgs - 1st Gear Gradeability @ GVM: M 26.5%/21.5% A
- Maximum Towed Mass (unbraked): 2,000kgs - Est Engine RPM @90km/h : M 1645/1630 A

TRANSMISSION

| | |
|-------------|---|
| Manual: | Eaton RTO 11909ALL 11 speed constant mesh |
| Clutch: | Air assisted hydraulic control, 432mm single plate clutch |
| PTO: | Flywheel LiveDrive, 1.1 ratio to engine speed, 440Nm output torque |
| Ratios (:1) | LL1 26.08, L 16.30, LL2 11.85, 1 st 7.41, 2 nd 5.23, 3 rd 3.79, 4 th 2.77, 5 th 1.95, 6 th 1.38, 7 th 1.00, 8 th 0.73 Rev LL 20.58, Rev L 13.03, Rev H 3.43 |
| Auto: | Allison 4430 series 6 speed automatic transmission |
| PTO: | LH and top PTO openings on bellhousing |
| Ratios (:1) | 1 st 4.70, 2 nd 2.21, 3 rd 1.53, 4 th 1.00, 5 th 0.76, 6 th 0.67 Reverse 5.55 |

AXLES

| | |
|--------------|--|
| Front Axle: | Meritor FG941 on both steer axles |
| Type: | Elliot reverse I-beam |
| Capacity: | 6,600kgs per axle |
| Rear Axle: | Meritor RT-40-145P |
| Type: | Full floating banjo type housing |
| Capacity: | 18,100kgs |
| Final Drive: | 393mm diameter ring gear, inter-axle lock and cross locks on both axles standard |
| Ratio: | 5.285:1 |

CHASSIS

Front Suspension

- Single stage alloy steel taper leaf spring

Rear Suspension

- Hendrickson HAS 461 air bag suspension
- Outboard mounted double acting hydraulic
- 20 865kgs load capacity at ground

Steering

- Power assisted recirculating ball
- Gear ratio: 1st axle: 18.8:1, 2nd axle: 22.9:1
- Turns lock-to-lock 3.8

Chassis Frame

- Cold riveted ladder frame, HT540 weldable steel
- Rail dimensions (mm) 285 x 85 x 7

Chassis Frame (cont.)

- Rail width 950mm at engine/transmission area, 850mm to rear of frame

Brakes

- Meritor Q-Plus dual circuit full air S-cam front & rear drum brakes auto-adjusting slack adjusters and LSPV
- ABS
- Front drum 419mm x 127mm
- Rear drum 419mm x 178mm
- Spring park brake on all rear wheels
- Air controlled exhaust brake
- Air dryer

Wheels and Tyres

- 22.5 x 8.25 10-stud ISO wheel rims
- Steer: 295/80 R22.5 152/148 L tubeless tyres
- Drive: 11 R22.5 148/145 L tubeless tyres
- White painted wheel rims
- Spare wheel rim supplied

Electrical

- 24 volt negative earth system
- 90 amp alternator
- Batteries - 2 x 115E41L 80Ah, 651CCA @ 18°C

CAB AND INTERIOR

CAB EXTERIOR

- All steel construction, high tensile steel on cab under-frame and side impact beam reinforcement
- Cab is fully compliant with ECE-R29 crash tests
- Manual cab tilt to 45° with torsion bar assistance
- Liquid filled cab mounts
- 90° opening internally reinforced doors
- Door mounted 19" heated power mirrors, flat glass on main and convex on spot mirrors
- Air dam steel front bumper with integral fog lamps
- Halogen multi-reflector headlamps with integral turn signals
- Additional door-mounted turn signal indicators with cornering lamps
- Roof-mounted outline marker lamps
- Combined brake/turn/reverse/marker lamps

CAB INTERIOR

- Driver's seat - ISRI 6860 air suspended seat for occupant mass up to 150kg, pneumatic lumbar support, height, rake, auto weight adjustment
- Front passenger adjustable bucket seat and front centre seat with folding backrest, console in backrest

CAB INTERIOR (continued)

- SRS including air bag on both outer seats
- Door and pillar entry assist grips both sides
- Lined interior, padded roof lining and vinyl floor covers
- Manual control integrated air conditioning
- Height/reach adjustable steering column, soft-feel Urethane steering wheel
- Central locking with keyless entry and engine immobiliser
- Door mounted storage pockets, LH and RH glove boxes, RH and LH overhead storage shelf
- Centre console with storage tray
- Fluorescent interior lamp
- Multi Media radio/CD/DVD/MP3/WMA Player with 6.2" Touch Screen, Bluetooth, voice dialling, 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
- 5 DIN sized compartments for extra communications and storage

Instruments and Controls

- Speedometer with digital odometer and two trip meters
- Tachometer, engine coolant temperature, fuel and dual brake air pressure gauges
- Two-speed wipers with intermittent function, wet-wipe washer system
- Key operated engine start, stop, steering lock
- LH combination stalk: windscreen wipers/wash, exhaust brake
- RH combination stalk: Indicators, light switch, headlamp dip switch, cruise control
- Warning lamps: Check engine, oil pressure, ABS, SRS, alternator charge, service brake, park brake on, seat belt, low air pressure, low fuel level, cab lock
- Indicator lamps – Warm up system, high beam, turn signals, cruise control, exhaust brake
- Multi-function display Shows service interval, instant and average fuel consumption, hour meter, volt meter, time /day/date, 40 – 120 km adjustable vehicle speed warning

WEIGHTS (kgs)

| Models | Model Code | RATINGS * | | LOADING LIMITS (at ground)* | | CHASSIS CAB TARE MASS ** | | |
|------------|------------|-----------|--------|-----------------------------|-------|--------------------------|------|-------|
| | | GVM | GCM | FRONT | REAR | FRONT | REAR | TOTAL |
| FYJ350FS M | FY0313 | 30,000 | 42,500 | 10800 | 15000 | 5830 | 2525 | 8355 |
| FYJ350FS A | FY0413 | 30,000 | 42,500 | 10800 | 15000 | 5665 | 2405 | 8070 |

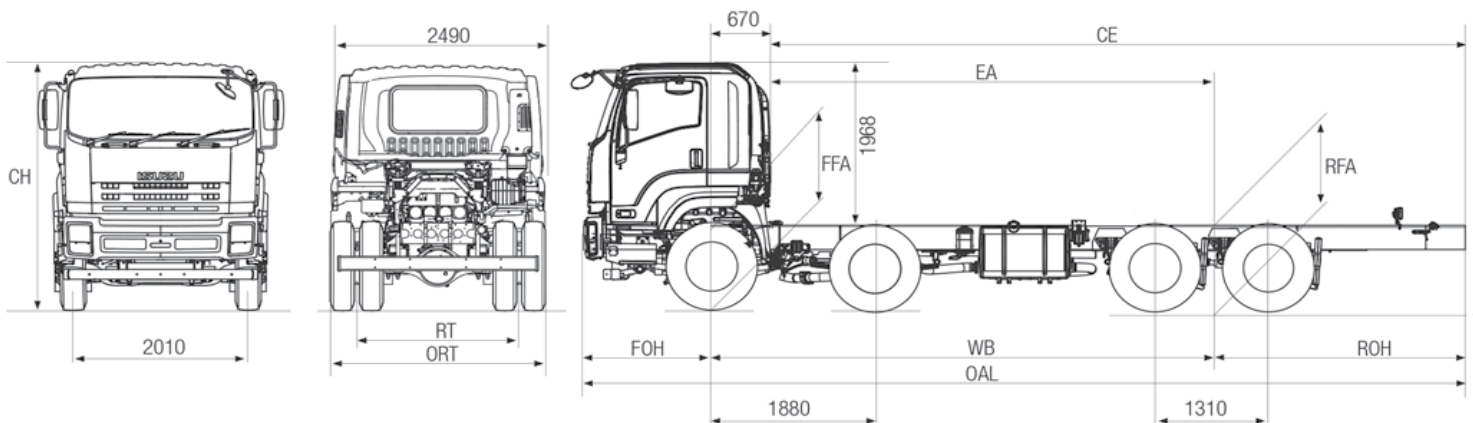
* Vehicle ratings and front and rear mass limits are subject to regulatory requirements – Consult your dealer to select a specific vehicle to suit your requirements

** Chassis cab as supplied from the factory including 10 litres of fuel

DIMENSIONS (mm)

| Models | WB | OAL | OAH * | OAW | FOH | ROH | EA | CE | RT | ORT | RFA * | Kerb to Kerb (m) |
|------------|------|------|-------|------|------|------|------|------|------|------|-------|------------------|
| FYJ350FS M | 5770 | 9720 | 2998 | 1480 | 2470 | 5100 | 7570 | 1840 | 2445 | 1032 | 1044 | 21.5 |
| FYJ350FS A | 5770 | 9720 | 2998 | 1480 | 2470 | 5100 | 7570 | 1840 | 2445 | 1032 | 1044 | 21.5 |

* Unladen



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