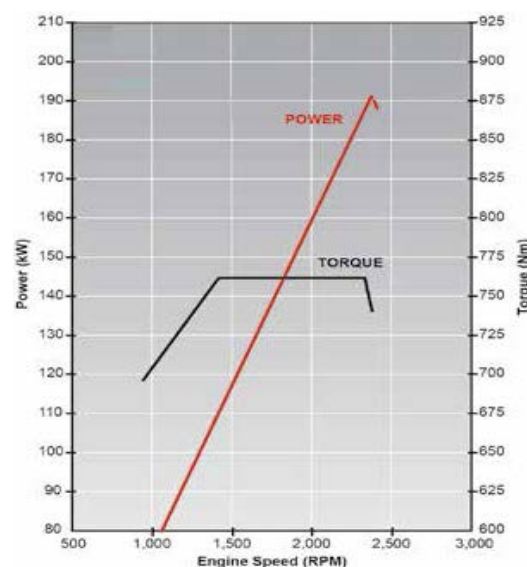


Model	FSR700	FSR700 AMT/Auto	FSR700M Auto
GVM (kg)	14,000	14,000	14,000
GCM (kg)	20,000	20,000	20,000
Max Power (kW)	191	191	191
Max Torque (Nm)	760	760	760
Wheelbase (mm)	5560	5560	3790
Suspension	Steel	Steel	Steel



## ENGINE

<b>Engine Model:</b>	6HK1-TCC
<b>Type:</b>	6 cyl 24 valve, SOHC
<b>Displacement:</b>	7,790cc
<b>Compression Ratio:</b>	17.5:1
<b>Max Power (DIN Nett):</b>	191 kW (260 HP) @2,400 RPM
<b>Max Torque (DIN Nett):</b>	760 Nm (560 lb.ft) @1,450 - 2400 RPM
<b>Emission Control System:</b>	Euro V with Diesel Oxidation Catalyst (DOC)
<b>Fuel System:</b>	Electronically controlled direct injection, high pressure common rail 200 litre fuel tank with lockable fuel cap
<b>Air Intake System:</b>	Electronically controlled variable nozzle turbo charger with air-to-air Intercooler, vertical air intake behind cab



## PERFORMANCE

- Maximum Towed Mass (braked): 12,000kgs    1<sup>st</sup> Gear Gradeability @GVM: 45%, Auto 38%
- Maximum Towed Mass (unbraked): 2,000kgs    Est Engine RPM @90km/h: 2135, Auto 2000

## TRANSMISSION

<b>Manual:</b>	MZW-6P (standard)
<b>AMT:</b>	6 spd - fully automated with automatic and sequential manual shift modes, hydraulically controlled wet clutch and fluid coupling with lock-up and oil-to-air cooler (optional)
<b>Ratios (:1)</b>	1st 6.615, 2nd 4.095, 3rd 2.358, 4th 1.531, 5th 1.00, 6th 0.722, Rev 6.615
<b>Auto:</b>	Allison LCT2500 (optional)
<b>Ratios (:1)</b>	1 <sup>st</sup> : 3.51, 2 <sup>nd</sup> : 1.90, 3 <sup>rd</sup> : 1.44, 4 <sup>th</sup> : 1.00, 5 <sup>th</sup> : 0.74, 6 <sup>th</sup> : 0.64, Rev 5.09
<b>PTO:</b>	Provision on LHS of transmission case, main shaft driven

## AXLES

<b>Front Axle:</b>	Isuzu F050
<b>Type:</b>	Elliot reverse I-beam
<b>Capacity:</b>	5000kgs
<b>Rear Axle:</b>	Isuzu R090 / Full floating banjo type housing
<b>Capacity:</b>	9000kgs
<b>Ratio:</b>	4.875:1, auto 5.125:1

## CHASSIS

### Front Suspension

- Single stage alloy steel taper leaf spring
- Double acting hydraulic shock absorbers. Stabiliser bar.

### Rear Suspension

- Multi leaf main spring with helper

### Chassis Frame

- Cold riveted ladder frame
- Rail dimensions (mm) 225 x 70 x 6
- HT540 weldable steel main rails
- Parallel side rails 840mm wide

### Steering

- Power assisted recirculating ball
- Gear Ratio 16:1 – 18:1
- Turns lock-to-lock 4.1

### Brakes

- Dual circuit air-over-hydraulic front and rear auto-adjusting drum
- ABS with Traction Control
- Hill Start Aid, (except auto)
- Front drum 320mm x 120mm
- Rear drum 320mm x 145mm
- Spring park brake on rear wheels
- Air dryer
- Air controlled exhaust brake

### Wheels and Tyres

- 19.5x6.75x147mm 8-stud steel wheel rims
- 265/70 R19.5 140/138M tubeless tyres
- Silver painted wheel rims
- Frame mounted spare wheel with tyre

### Electrical

- 24 volt negative earth system
- 60 amp alternator
- Batteries - 2 x 115E41L 80Ah, 665CCA @ 18°C

