

# FSR 800

**ISUZU**  
TRUCKS  
For the long run

## ENGINE

Model		6HK1-TCN
Type		TURBOCHARGED & INTERCOOLED
Fuel Injection		Common Rail
Emmision Standard		Euro 2
No. of Cylinders		6
Bore x Stroke	(mm)	115 x 125
Displacement	(cm <sup>3</sup> )	7 790
Compression Ratio	(:1)	16.8
Output	(kW @ r/min)	176 @ 2,400
Output	(hp @ r/min)	236 @ 2,400
Torque	(Nm @ r/min)	706 @ 1,450 - 2600
Filtration - Fuel:		PRIMARY FILTER WITH WATER TRAP PLUS SECONDARY FILTER
Filtration - oil:		SINGLE

## CLUTCH

Diameter	(mm)	380
Total Friction Area	(cm <sup>2</sup> )	1 363
Operation		AIR ASSISTED HYDRAULIC CONTROL

## TRANSMISSION

Make / Model		MZW6P
Type		6 Speed synchromesh
Controls		Manual Gearshift
Crawler Gear Ratio	(:1)	N/A
1st Gear Ratio	(:1)	6.615
2nd Gear Ratio	(:1)	4.095
3rd Gear Ratio	(:1)	2.358
4th Gear Ratio	(:1)	1.531
5th Gear Ratio	(:1)	1.000
6th Gear Ratio	(:1)	0.722
7th Gear Ratio	(:1)	-
8th Gear Ratio	(:1)	-
9th Gear Ratio	(:1)	-
10th Gear Ratio	(:1)	-
11th Gear Ratio	(:1)	-
12th Gear Ratio	(:1)	-
13th Gear Ratio	(:1)	-
14th Gear Ratio	(:1)	-
15th Gear Ratio	(:1)	-
Reverse Gear Ratio	(:1)	6.615
Transfer Case Ratio		-

## PERFORMANCE

Maximum Speed ( Calculated )	(km/h)	120
Gradeability @ V in 1st Gear (low range)	(%)	36.3

## SUSPENSION

<b>Front</b> : Multi Leaf Spring	YES
Stabiliser bar	YES
Shock Absorbers - Double acting	YES
<b>Rear</b> : Multi Leaf Main Spring with Helper Spring	YES
Stabiliser bar	NO
Shock Absorbers - Double acting	NO

## BRAKES

System		AOH
Park Brake		REAR WHEELS
Front		DRUM
Rear		DRUM
ABS		STANDARD
ASR		NO
Auxillary		EXHAUST BRAKE
Auto Slack adjusters		STANDARD
Total Friction Area Front	(cm2)	2325
Total Friction Area Rear	(cm2)	2325
Retarder		

## STEERING

Operation		POWER
Ratio	(:1)	16.1-18.8
Adjustable Steering		YES

## CAB

Control		FORWARD
Adjustable Drives Seat		YES
Air Suspension Drive Seat		YES
Fixed Assistants Seat and Centre Seat		YES
Heater and Demister		YES
Cigarette Lighter (24V)		YES
Tilt		YES
Tilt Torsion Bar Assistance		NO

## WHEELS & TYRES

Type		RADIAL
Tubeless single piece rim		YES
Tyre Size (Front)		265/70R19.5
Tyre Size (Rear)		265/70R19.5
Wheel Size (Front)		19.5x6.75
Wheel Size (Rear)		19.5x6.75
No. of Studs		8

## FUEL TANK (Lockable)

Capacity	(Litres)	200
Lockable Fuel Tank Cap		Yes

## FRONT AXLE

Model		F050
Type : Reverse "Elliot" I-Beam		Yes
Full Floating Axle Control Type		-

## REAR AXLE

Model		R090
Type : Single banjo, Full Floating, Integral Shaft & Drive Flange		Yes
Final Drive Ratio	(:1)	4.555

## ELECTRICAL SYSTEM

System Voltage	(V)	24
Alternator	Amp	60
Starter Motor	kW	5
Batteries		2 X 12V 70Ah

## AIR INTAKE

Intake		RR Vertical
Primary Air Filter		YES
Secondary Air Filter		YES
Make:		DONALDSON
Service Indicator		NO

**DIMENSIONS** (mm)

OL – Overall Length	8 605
OW – Overall Width	2 120
OH – Overall Height	2 610
WB – Wheelbase	5 160
FOH – Front Overhang	1 170
ROH – Rear Overhang	2 275
BW – Rear Axle Width	2 225
FT – Front Track	1 810
RT – Rear Track	1 700
EH – Chassis Rear End Height	930
CWF - Front Chassis Width	840
CWR – Rear Chassis Width	840
HH – Rear Ground Clearance	221
CE – Cab to Chassis End	6 539
CA – Cab to Axle	4 264
GP – Minimum Body Gap	89
Turning Circle (curb to curb)	17.65

**MASS DATA** (kg)

Manufacturer's GVM	13 500
Permissible Gross Mass (V)	13 500
Manufacturer's GCM	18 000
Permissible Combination Mass (D/T)	18 000
Front Axle Tare Mass	2 380
Rear Axle Tare Mass	1 470
Total Tare Mass	3 850
Gross Axle Mass Load - Front (GA1)	5 000
Gross Axle Mass Load - Rear (GA2)	9 000
Permissible Axle Load - Front (A1)	5000
Permissible Axle Load - Rear (A2)	9000
Tyre Capacity - Front	5 000
Tyre Capacity - Rear	9 440
Approx. Body & Payload	9 650
Approach Angle (4x4 Specific)	-
Break-over Angle (4x4 Specific)	-
Departure Angle (4x4 Specific)	-

**WARRANTY**

New Vehicle	24 MONTHS / UNLIMITED KM
Cab Corrosion	36 MONTHS / UNLIMITED KM

**OPTIONAL**

Aircon	AVAILABLE
PTO Fail Safe system	Compulsary fitment to any operation that requires a PTO
Radio / CD / (24V)	AVAILABLE
Techo Graph	AVAILABLE

**MISCELLANEOUS EQUIPMENT**

Jack, warning triangle, basic tool kit	YES
Owners handbook & service hand booklet	YES
Rear Chevron board	YES

Specifications correct at time of publish. E & OE.