

### Preliminary Specifications

Date of issue: July 2010

ISUZU FX	FXR 17-360	FXZ 26-360	FXZ 28-360 COMPACTOR	GXR 35-360 TRACTOR	GXR 40-360 TRACTOR
<b>ENGINE</b>					
Model	6UZ1-TCC	6UZ1-TCC	6UZ1-TCC	6UZ1-TCC	6UZ1-TCC
Type	Turbocharged & Intercooled	Turbocharged & Intercooled	Turbocharged & Intercooled	Turbocharged & Intercooled	Turbocharged & Intercooled
Fuel Injection	Common Rail	Common Rail	Common Rail	Common Rail	Common Rail
No. of Cylinders	6	6	6	6	6
Bore x Stroke (mm)	120 x 145	120 x 145	120 x 145	120 x 145	120 x 145
Displacement (cm <sup>3</sup> )	9,839	9,839	9,839	9,839	9,839
Compression Ratio (:1)	17.5	17.5	17.5	17.5	17.5
Output (kW @ r/min)	265 @ 2,000	265 @ 2,000	265 @ 2,000	265 @ 2,000	265 @ 2,000
Output (ps @ r/min)	355 @ 2,000	355 @ 2,000	355 @ 2,000	355 @ 2,000	355 @ 2,000
Torque (Nm @ r/min)	1,422 @ 1,400	1,422 @ 1,400	1,422 @ 1,400	1,422 @ 1,400	1,422 @ 1,400
<b>CLUTCH</b>					
Make / Model	EXEDY	EXEDY	EXEDY	EXEDY	EXEDY
Type	Single Plate	Single Plate	Single Plate	Single Plate	Single Plate
Diameter (mm)	430	430	430	430	430
Operation	Air Assisted Hydraulic Control	Air Assisted Hydraulic Control	Air Assisted Hydraulic Control	Air Assisted Hydraulic Control	Air Assisted Hydraulic Control
<b>TRANSMISSION</b>					
Make / Model	ZF9S1310	ZF9S1310	ZF9S1310	ZF9S1310	ZF9S1310
1 <sup>st</sup> Gear Ratio (:1)	6.580	6.580	6.580	6.580	6.580
2 <sup>nd</sup> Gear Ratio (:1)	4.680	4.680	4.680	4.680	4.680
3 <sup>rd</sup> Gear Ratio (:1)	3.480	3.480	3.480	3.480	3.480
4 <sup>th</sup> Gear Ratio (:1)	2.620	2.620	2.620	2.620	2.620
5 <sup>th</sup> Gear Ratio (:1)	1.890	1.890	1.890	1.890	1.890
6 <sup>th</sup> Gear Ratio (:1)	1.350	1.350	1.350	1.350	1.350
7 <sup>th</sup> Gear Ratio (:1)	1.000	1.000	1.000	1.000	1.000
8 <sup>th</sup> Gear Ratio (:1)	0.750	0.750	0.750	0.750	0.750
Crawler Gear Ratio (:1)	9.480	9.480	9.480	9.480	9.480
Reverse Gear Ratio (:1)	8.960	8.960	8.960	8.960	8.960
<b>PERFORMANCE</b>					
Maximum Speed (km/h)	110	102	102	101	101
Gradeability (%)	45.91	28.88	-	17.14	17.14
<b>SUSPENSION</b>					
Front	MULTI LEAF SPRING WITH DOUBLE ACTING SHOCK ABSORBERS, STABILISER BAR				
Rear	MULTI LEAF SPRING WITH DOUBLE ACTING SHOCK ABSORBERS, STABILISER BAR				
<b>BRAKES</b>					
System	Full Air	Full Air	Full Air	Full Air	Full Air
Park Brake	Rear Wheels	Rear Wheels	Rear Wheels	Rear Wheels	Rear Wheels
Front	Drum	Drum	Drum	Drum	Drum
Rear	Drum	Drum	Drum	Drum	Drum
ABS	Standard	Standard	Standard	Standard	Standard
Auxiliary	Exhaust Brake	Exhaust Brake	Exhaust Brake	Exhaust Brake	Exhaust Brake & Electromagnetic Retarder
Total Friction Area (cm <sup>2</sup> )					
<b>STEERING</b>					
Ratio (:1)	22.4:1	22.4:2	22.4:3	22.4:4	22.4:4
Operation	Power	Power	Power	Power	Power
<b>CAB</b>					
Control	Forward	Forward	Forward	Forward	Forward
Tilt	Yes	Yes	Yes	Yes	Yes

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<b>FUEL TANK</b>					
Capacity (litres)	400	400	400	400	400
<b>WHEELS &amp; TYRES</b>					
Type	Radial	Radial	Radial	Radial	Radial
Tyre Size (Front)	315/80R22.5	315/80R22.5	315/80R22.5	315/80R22.5	315/80R22.5
Tyre Size (Rear)	315/80R22.5	295/80R22.5	295/80R22.5	315/80R22.5	315/80R22.5
Wheel Size (Front)	9.0xR22.5	9.0xR22.5	9.0xR22.5	9.0xR22.5	9.0xR22.5
Wheel Size (Rear)	9.0xR22.5	8.25xR22.5	8.25xR22.5	9.0xR22.5	9.0xR22.5
<b>FRONT AXLE</b>					
Model	ISUZU F075	ISUZU F075	ISUZU F075	ISUZU F075	ISUZU F075
<b>REAR AXLE</b>					
Model	ISUZU R130	ISUZU RT210	ISUZU RT210	ISUZU R130	ISUZU R130
Final Drive Ratio	4.556	4.556	4.556	4.875	4.875
<b>ELECTRICAL SYSTEM</b>					
System Voltage (V)	24	24	24	24	24
<b>DIMENSIONS (mm)</b>					
OL – Overall Length	10,020	10,970	10,970	5,930	5,930
OW – Overall Width	2,490	2,490	2,490	2,490	2,490
OH – Overall Height	2,784	2,987	2,987	2,980	2,980
WB – Wheelbase	5,740	6,010	6,010	3,480	3,480
FOH – Front Overhang	1,480	1,480	1,480	1,480	1,480
ROH – Rear Overhang	2,800	3,480	3,480	970	970
BW – Rear Axle Width	2,480	2,480	2,480	2,480	2,480
FT – Front Track	2,065	2,065	2,065	2,065	2,065
RT – Rear Track	1,850	1,850	1,850	1,850	1,850
EH – Chassis Rear End Height	1,197	1,116	1,116	1,202	1,202
CWF – Front Chassis Width	850	850	850	850	850
CWR – Rear Chassis Width	850	850	850	850	850
HH – Rear Ground Clearance					
CE – Cab to Chassis End	7,940	8,930	8,930	3,850	3,850
CA – Cab to Axle	5,160	5,430	5,430	2,900	2,900
GP – Minimum Body Gap	55	55	55	-	-
<b>MASS DATA (KG)</b>					
Manufacturer's GVM	16,500	25,500	28,000	16,500	16,500
Permissible Gross Mass (V)	16,500	25,500	27,900	16,500	16,500
Manufacturer's GCM	36,000	45,000	45,000	40,500	40,500
Permissible Combination Mass (D/T)	36,000	45,000	45,000	34,500	40,500
Front Axle Tare Mass	3,930	3,960	3,960	3,980	3,980
Rear Axle Tare Mass	2,070	3,820	3,820	2,070	2,070
Total Tare Mass	6,000	7,780	7,780	6,050	6,050
Gross Axle Mass Load – Front (GA1)	7,500	7,500	7,500	7,500	7,500
Gross Axle Mass Load – Rear (GA2)	13,000	21,000	21,000	13,000	13,000
Permissible Axle Load – Front (A1)	7,500	7,500	7,500	7,500	7,500
Permissible Axle Load – Rear (A2)	9,000	18,000	20,400	9,000	9,000
Tyre Capacity – Front	7,500	7,500	7,500	7,500	7,500
Tyre Capacity – Rear	13,000	26,000	26,000	13,000	13,000
Approx. Body & Payload	10,500	17,720	20,120	28,450	34,450

Disclaimer: The information contained in this specification sheet was correct at time of going to press and is subject to change.

**ISUZU**  
TRUCKS  
*For the long run*