

**RELIABILITY**

**EFFICIENCY**

**VERSATILITY**

**BUILT FOR  
EFFICIENCY**



**G-SERIES**  
**TRUCK TRACTORS**

**BUILT FOR LIFE**

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**ISUZU**

*With you, for the long run*

MODEL	GRR 16-210 AMT	GRR 16-240	GSR 18-240	GSR 18-240 AMT	GTR 24-240	GTR 24-240 AMT	GVR 32-300
AXLE LAYOUT	4 X 2	4 X 2	4 X 2	4 X 2	4 X 2	4 X 2	4 X 2
CONTROL	FORWARD	FORWARD	FORWARD	FORWARD	FORWARD	FORWARD	FORWARD
<b>MASS</b>							
Permissible Body + Payload (kg)	12 716	12 520	14 180	14 180	19 220	19 220	26 350
Tare Total (T) (kg)	3 284	3 480	3 820	3 820	4 780	4 780	5 650
Front Tare (kg)	2 094	2 370	2 370	2 370	3 090	3 090	3 400
Rear Tare (kg)	1 190	1 480	1 450	1 450	1 690	1 690	2 250
GVM (kg)	11 000	11 000	14 000	14 000	15 500	15 500	16 000
V (kg)	11 000	11 000	14 000	14 000	15 500	15 500	16 000
GCM (kg)	16 000	16 000	18 000	18 000	24 000	24 000	32 000
D/T (kg)	16 000	16 000	18 000	18 000	24 000	24 000	32 000
Front Axle - GA/GAU (kg)	3 600	3 600	5 000	5 000	6 300	6 300	7 100
Front Axle - A/AU (kg)	3 600	3 600	5 000	5 000	6 300	6 300	7 100
Rear Axle - GA/GAU (kg)	7 700	7 700	9 000	9 000	9 200	9 200	10 500
Rear Axle - A/AU (kg)	7 600	7 600	9 000	9 000	9 000	9 000	9 000
Litres of Fuel Tank 1 Included in Tare	15	15	15	15	15	15	15
Litres of Fuel Tank 2 Included in Tare	-	-	-	-	15	15	15
Tools Included in Tare	Jack, Warning Triangle, Basic Tool Kit	Jack, Warning Triangle, Basic Tool Kit	Jack, Warning Triangle, Basic Tool Kit	Jack, Warning Triangle, Basic Tool Kit	Jack, Warning Triangle, Basic Tool Kit	Jack, Warning Triangle, Basic Tool Kit	Jack, Warning Triangle, Basic Tool Kit
Spare Wheel Included in Tare	Yes	Yes	Yes	Yes	Yes	Yes	Yes
<b>PERFORMANCE</b>							
Gradeability @ V (%)	45	47	36	36	34	34	36
Gradeability @ D/T (%)	31	33	28	28	22	22	18
Max. Geared Road Speed (Without SLD) (km/h)	117	121	120	120	118	118	119
Max. Allowable Speed (SLD for SA) (km/h)	80	80	80	80	80	80	80
<b>MAJOR DIMENSIONS</b>							
Overall Length (mm)	7 425	7 705	6 560	6 560	9 255	9 255	1 005
Overall Width (mm)	2 120	2 120	2 120	2 120	2 400	2 400	2 400
Wheelbase (mm)	4 360	4 360	3 790	3 790	3 900	3 900	6 050
CA - Cab to Bogie / Rear Axle (mm)	3 804	3 764	2 894	2 894	4 924	4 924	5 424
CE - Cab to End of Chassis (mm)	5 699	5 639	4 494	4 494	7 189	7 189	7 939
OH - Overall Height (mm)	2 530	2 530	2 790	2 790	2 790	2 790	2 790
FOH - Front Overhang (mm)	1 170	1 170	1 170	1 170	1 440	1 440	1 440
ROH - Rear Overhang (mm)	875	875	882	882	960	960	2 515
Rear Axle Bogie Spacing (mm)	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1/2 Rear Axle Bogie Spacing (mm)	N/A	N/A	N/A	N/A	N/A	N/A	N/A
EH - Chassis Rear End Height (mm)	955	950	915	915	1 080	1 080	1 050
HH - Ground Clearance (mm)	186	186	221	221	275	275	245
Rear Chassis Width (mm)	840	840	840	840	850	850	850
Turning Radius - Curb to Curb (mm)	6 600	7 000	6 800	6 800	9 000	9 000	9 750
Turning Radius - Wall to Wall (mm)	7 350	7 750	7 600	7 600	9 950	9 950	11 366
<b>ENGINE</b>							
Make	Isuzu	Isuzu	Isuzu	Isuzu	Isuzu	Isuzu	Isuzu
Model	4HK1-TC5	6HK1-TCN	6HK1-TCN	6HK1-TCN	6HK1-TCN	6HK1-TCN	6HK1-TC5
Capacity (cm <sup>3</sup> )	5 193	7 790	7 790	7 790	7 790	7 790	7 790
Layout	Diesel Inline-4	Diesel Inline-6	Diesel Inline-6	Diesel Inline-6	Diesel Inline-6	Diesel Inline-6	Diesel Inline-6
Type	Turbocharged Intercooled Common Rail	Turbocharged Intercooled Common Rail	Turbocharged Intercooled Common Rail	Turbocharged Intercooled Common Rail	Turbocharged Intercooled Common Rail	Turbocharged Intercooled Common Rail	Turbocharged Intercooled Common Rail
Power @ r/min (kW)	154 @ 2 600	176 @ 2 400	176 @ 2 400	176 @ 2 400	176 @ 2 400	176 @ 2 400	221 @ 2 400
Torque @ r/min (Nm)	637 @ 1 600 - 2 600	706 @ 1 450 - 2 400	706 @ 1 450 - 2 400	706 @ 1 450 - 2 400	706 @ 1 450 - 2 400	706 @ 1 450 - 2 400	980 @ 1 450 - 2 400
Standard Emissions	Euro 3	Euro 2	Euro 2	Euro 2	Euro 2	Euro 2	Euro 3
<b>CLUTCH</b>							
Make	N/A	Exedy	Exedy	Exedy	Exedy	Exedy	Exedy
Model	N/A	380	380	380	380	380	380
Type	N/A	Single	Single	Single	Single	Single	Single
Diameter (mm)	N/A	381	381	381	381	381	381
Operation	Automated Hydraulic-Controlled Wet Clutch	Hydraulic Air-Assisted	Hydraulic Air-Assisted	Hydraulic Air-Assisted	Hydraulic Air-Assisted	Hydraulic Air-Assisted	Hydraulic Air-Assisted
<b>TRANSMISSION</b>							
Make	Isuzu	Isuzu	Isuzu	Isuzu	Isuzu	Isuzu	ZF
Model	MZW6P (AMT)	MZW6P	MZW6P	MZW6P (AMT)	MZW6P	MZW6P (AMT)	9 S 1110
Type	Synchromesh	Synchromesh	Synchromesh	Synchromesh	Synchromesh	Synchromesh	Synchromesh
Shift	Automated Manual	Manual Gearshift	Manual Gearshift	Automated Manual	Manual Gearshift	Automated Manual	Manual Gearshift
No. of Gears Forward	6	6	6	6	6	6	9
Crawler Gear Ratio	-	-	-	-	-	-	9.479
1st Gear Ratio	6.615	6.615	6.615	6.615	6.615	6.615	6.576
2nd Gear Ratio	4.095	4.095	4.095	4.095	4.095	4.095	4.678
3rd Gear Ratio	2.358	2.358	2.358	2.358	2.358	2.358	3.478
4th Gear Ratio	1.531	1.531	1.531	1.531	1.531	1.531	2.617
5th Gear Ratio	1	1	1	1	1	1	1.890
6th Gear Ratio	0.722	0.722	0.722	0.722	0.722	0.722	1.345
7th Gear Ratio	-	-	-	-	-	-	1.000
8th Gear Ratio	-	-	-	-	-	-	0.752
Rev	6.615	6.615	6.615	6.615	6.615	6.615	8.967
Permanent 4x4	No	No	No	No	No	No	No
Central Differential Lock	No	No	No	No	No	No	No
Rear Differential Lock	No	No	No	No	No	No	No
PTO (Power Take-Off)	Optional	Optional	Optional	Optional	Optional	Optional	Optional
<b>DRIVE AXLE</b>							
Make	Isuzu	Isuzu	Isuzu	Isuzu	Isuzu	Isuzu	Isuzu
Axle Model - Front	F036	F036	F050	F050	F063	F063	F071
Drive Axle Model - Rear	R077	R077	R090	R090	R092	R092	R105
Hypoid	Standard	Standard	Standard	Standard	Standard	Standard	Standard
Final Ratio : 1	4.875	4.333	4.555	4.555	5.875	5.875	6.143
<b>SUSPENSION</b>							
Front	Multi-Leaf Springs	Multi-Leaf Springs	Multi-Leaf Springs	Multi-Leaf Springs	Multi-Leaf Springs	Multi-Leaf Springs	Multi-Leaf Springs
Rear	Multi-Leaf Springs	Multi-Leaf Springs	Multi-Leaf Springs	Multi-Leaf Springs	Multi-Leaf Springs	Multi-Leaf Springs	Multi-Leaf Springs
Shock Absorbers	Front	Front	Front	Front	Front	Front	Front
Stabilisers	Front	Front	Front	Front	Front	Front	Front and rear
<b>STEERING</b>							
Operation	Power	Power	Power	Power	Power	Power	Power
<b>BRAKES</b>							
System Type	Air Over Hydraulic	Air Over Hydraulic	Air Over Hydraulic	Air Over Hydraulic	Full air	Full air	Full air
Front	Drums	Drums	Drums	Drums	Drums	Drums	Drums
Rear	Drums	Drums	Drums	Drums	Drums	Drums	Drums
Anti-Lock Braking System (ABS)	Standard	Standard	Standard	Standard	Standard	Standard	Standard
Park / Emergency System	Spring	Spring	Spring	Spring	Spring	Spring	Spring
Exhaust Brake	Standard	Standard	Standard	Standard	Standard	Standard	Standard
Engine Brake	No	No	No	No	No	No	No
Retarder	No	No	No	No	No	No	No
Hill Start Assist (HSA)	Standard	No	No	No	No	No	No
<b>ELECTRICAL AND FUEL</b>							
Fuel Tank 1 Capacity (Litres)	200	200	200	200	200	200	400
Fuel Tank 2 Capacity (Litres)	0	0	0	0	200	200	0
<b>TYRES</b>							
Size and Ply Rating - Front	235 / 75 R17.5	235 / 75 R17.5	265 / 70 R19.5	265 / 70 R19.5	315 / 80 R22.5	315 / 80 R22.5	315 / 80 R22.5
Size and Ply Rating - Rear	235 / 75 R17.5	235 / 75 R17.5	265 / 70 R19.5	265 / 70 R19.5	315 / 80 R22.5	315 / 80 R22.5	315 / 80 R22.5
<b>CAB AND EXTRAS</b>							
Type	Day	Medium	Medium	Medium	Medium	Medium	Medium
Roof	Low	Low	Low	Low	Low	Low	Low
No. of Bunks	0	0	0	0	0	0	0
No. of Seats	3	3	3	3	3	3	3
Air-Conditioning	Optional	Optional	Optional	Optional	Optional	Optional	Standard
Radio / USB	Standard	Optional	Optional	Optional	Optional	Optional	Standard
Speakers	Standard	Standard	Standard	Standard	Standard	Standard	Standard
USB Charger	Standard	Standard	Standard	Standard	Standard	Standard	Standard
Daytime Running Lights (DRL)	Standard	Standard	Standard	Standard	Standard	Standard	Standard
Telematics	Standard	Standard	Standard	Standard	Standard	Standard	Standard
Driver and Far Passenger Airbags	Standard	Standard	Standard	Standard	Standard	Standard	Standard
Central Locking	Standard	Standard	Standard	Standard	Standard	Standard	Standard
Electric Windows	Standard	Standard	Standard	Standard	Standard	Standard	Standard
Tachograph	Optional	Optional	Optional	Optional	Optional	Optional	Optional
On-Board Computer	Yes	No	No	No	No	No	No
Tilt Cab	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Just 5 <sup>th</sup> Wheel - JSK37C185	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Catwalk	Yes	Yes	Yes	Yes	Yes	Yes	Yes