

MODEL	FVZ 1400 SWB	FVZ 1400 AUTO	FVZ 1600 COMPACTOR	FVZ 1600 COMPACTOR AUTO	FTS 750 4X4 SWA	FTS 750 4X4
AXLE LAYOUT	6X4	6X4	6X4	6X4	4X4	4X4
CONTROL	FORWARD	FORWARD	FORWARD	FORWARD	FORWARD	FORWARD
MASS						
Permissible Body + Payload (kg)	17 810	17 810	18 710	18 710	7 260	8 540
Tare Total (T) (kg)	7 290	7 290	7 290	7 290	4 940	4 960
Tare – Front (kg)	3 340	3 340	3 340	3 340	3 040	3 020
Tare – Rear (kg)	3 950	3 950	3 950	3 950	1 940	1 940
GVM (kg)	25 100	25 100	26 000	26 000	12 200	13 500
V (kg)	25 100	25 100	26 000	26 000	12 200	13 500
GCM (kg)	36 000	36 000	36 000	36 000	18 000	18 000
D/T (kg)	36 000	36 000	36 000	36 000	18 000	18 000
Axle – Front GA/GAU (kg)	7 100	7 100	7 100	7 100	4 700	4 700
Axle – Front A/AU (kg)	7 100	7 100	7 100	7 100	4 700	4 700
Axle – Rear GA/GAU (kg)	10 500	10 500	10 500	10 500	9 200	9 200
Axle – Rear A/AU (kg)	18 000	20 400	20 400	20 400	7 500	9 000
Litres of Fuel Tank 1 Included in Tare	15	15	15	15	15	15
Litres of Fuel Tank 2 Included in Tare	15	15	15	15	0	0
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
Spare Wheel Included in Tare	Yes	Yes	Yes	Yes	Yes	Yes
PERFORMANCE						
Gradeability @ V (%)	27	32	27	32	65	65
Gradeability @ D/T (%)	19	23	20	23	44	49
Max. Geared Road Speed (km/h)	110	110	110	110	111	111
MAJOR DIMENSIONS						
Overall Length	6 940	9 730	9 730	9 730	7 405	7 405
Overall Width (mm)	2 400	2 400	2 400	2 400	2 400	2 400
Wheelbase (mm)	4 350	5 700	5 700	5 700	4 250	4 250
CA – Cab to Bogie / Rear Axle (mm)	3 674	5 074	5 074	5 074	3 440	3 440
CE – Cab to End of Chassis (mm)	4 874	7 664	7 664	7 664	5 340	5 340
OH – Overall Height (mm)	2 790	2 790	2 790	2 790	2 955	2 930
FOH – Front Overhang (mm)	1 440	1 440	1 440	1 440	1 255	1 255
ROH – Rear Overhang (mm)	1 200	2 590	2 590	2 590	1 900	1 900
Rear Axle Bogie Spacing (mm)	1 300	1 300	1 300	1 300	N/A	N/A
1/2 Rear Axle Bogie Spacing (mm)	650	650	650	650	N/A	N/A
EH – Chassis Rear End Height (mm)	1 075	1 075	1 075	1 075	1 180	1 180
HH – Ground Clearance (mm)	245	245	245	245	257	257
Rear Chassis Width (mm)	850	850	850	850	850	850
Turning Radius – Curb to Curb (mm)	6 800	9 200	9 200	9 200	9 000	9 000
Turning Radius – Wall to Wall (mm)	7 700	10 200	10 200	10 200	9 850	9 850
ENGINE						
Make	Isuzu	Isuzu	Isuzu	Isuzu	Isuzu	Isuzu
Model	6HK1-TCS	6HK1-TCS	6HK1-TCS	6HK1-TCS	6HK1-TCN	6HK1-TCN
Capacity (cm³)	7 790	7 790	7 790	7 790	7 790	7 790
Layout	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
Power @ t/min (kW)	206 @ 2 400	206 @ 2 400	206 @ 2 400	206 @ 2 400	176 @ 2 400	176 @ 2 400
Torque @ t/min (Nm)	882 @ 1 450	882 @ 1 450	882 @ 1 450	882 @ 1 450	706 @ 1 450 – 2 400	706 @ 1 450 – 2 400
Standard Emissions	Euro 2	Euro 2	Euro 2	Euro 2	Euro 2	Euro 2
CLUTCH						
Make	Exedy	N/A	Exedy	N/A	Exedy	Exedy
Model	380	N/A	380	N/A	380	380
Type	Single	N/A	Single	N/A	Single	Single
Diameter (mm)	380	N/A	380	N/A	380	380
Operation	Hydraulic Air-Assisted	N/A	Hydraulic Air-Assisted	N/A	Hydraulic Air-Assisted	Hydraulic Air-Assisted
TRANSMISSION						
Make	ZF	Allison	ZF	Allison	Isuzu	Isuzu
Model	ZF 9 S 1110	MD3500	ZF 9 S 1110	MD3500	MZW6P	MZW6P
Type	Synchromesh	Automatic	Synchromesh	Automatic	Synchromesh	Synchromesh
Shift	Manual Gearshift	Automatic	Manual Gearshift	Automatic	Manual Gearshift	Manual Gearshift
No. of Gears Forward	9	6	9	6	6	6
First Gear Ratio : 1	9.48	4.593	9.48	4.593	6.615 / 12.654	6.615 / 12.654
Top Gear Ratio : 1	0.75	0.651	0.75	0.651	0.722 / 1.381	0.722 / 1.381
PTO (Power Take-Off)	Optional	Optional	Optional	Optional	Optional	Optional
DRIVE AXLE						
Make	Isuzu	Isuzu	Isuzu	Isuzu	Isuzu	Isuzu
Model Axle Front	RT210	RT210	RT210	RT210	R092	R092
Model Axle Rear	F071	F071	F071	F071	F047	F047
Reduction Type	Single	Single	Single	Single	Single	Single
Final Ratio : 1	6.143	6.143	6.143	6.143	5.571	5.571
SUSPENSION						
Front	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
Shock Absorbers	Front	Front	Front	Front	Front	Front
Stabilisers	Front	Front	Front	Front	No	No
STEERING						
Operation	Power	Power	Power	Power	Power	Power
BRAKES						
System Type	Full Air	Full Air	Full Air	Full Air	Air Over Hydraulic	Air Over Hydraulic
Front	Drums	Drums	Drums	Drums	Drums	Drums
Rear	Drums	Drums	Drums	Drums	Drums	Drums
Anti-Lock Braking System (ABS)	Standard	Standard	Standard	Standard	Standard	Standard
Park / Emergency System	Spring	Spring	Spring	Spring	Spring	Spring
Exhaust Brake	Standard	Standard	Standard	Standard	Standard	Standard
Engine Brake	No	No	No	No	No	No
Retarder	No	No	No	No	No	No
ELECTRICAL & FUEL						
Fuel Tank 1 Capacity (Litres)	400	400	400	400	200	200
Fuel Tank 2 Capacity (Litres)	0	0	0	0	0	0
TYRES						
Size & Ply Rating – Front	295 / 80 R22.5	295 / 80 R22.5	295 / 80 R22.5	295 / 80 R22.5	12 R20	11 R22.5 - 16PR
Size & Ply Rating – Rear	295 / 80 R22.5	295 / 80 R22.5	295 / 80 R22.5	295 / 80 R22.5	12 R20	11 R22.5 - 16PR
CAB & EXTRAS						
Type	Medium	Medium	Medium	Medium	Medium	Medium
Roof	Low	Low	Low	Low	Low	Low
No. of Bunks	0	0	0	0	0	0
No. of Seats	3	3	3	3	3	3
Air-Conditioning	Standard	Standard	Standard	Standard	Optional	Optional
Radio / CD / Speakers	Standard	Standard	Standard	Standard	Optional	Optional
Central Locking	Standard	Standard	Standard	Standard	Standard	Standard
Electric Windows	Standard	Standard	Standard	Standard	Standard	Standard
Tachograph	Optional	Optional	Optional	Optional	Optional	Optional
On-Board Computer	No	No	No	No	No	No
Tilt Cab	Yes	Yes	Yes	Yes	Yes	Yes

The information herein is provided as a guide only. Specification is subject to change at any time. Please contact your nearest dealer to confirm current specification. E&OE. Model/s shown may differ. Date of print October 2019.

F-SERIES

Specification Sheet

RANGE



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MODEL	FRR 600 AMT	FRR 550	FSR 800	FSR 800 SWB	FSR 800 CREW AMT	FSR 750 CREW AMT	FTR 850	FTR 850 AMT	FTR 850 SWB	FTR 850 COMPACTOR	FTR 850 LWB	FVR 900	FVM 1200	FPV 1400
AXLE LAYOUT	4X2	4X2	4X2	4X2	4X2	4X2	4X2	4X2	4X2	4X2	4X2	4X2	6X2	6X4
CONTROL	FORWARD	FORWARD	FORWARD	FORWARD	FORWARD	FORWARD	FORWARD	FORWARD	FORWARD	FORWARD	FORWARD	FORWARD	FORWARD	FORWARD
MASS														
Permissible Body + Payload (kg)	7 780	7 560	9 650	9 760	9 620	9 360	10 410	10 380	10 660	10 610	10 300	10 500	17 370	17 810
Tare Total (T) (kg)	3 220	3 440	3 850	3 740	3 880	4 140	4 890	4 920	4 640	4 890	5 000	5 500	6 630	7 290
Front Tare (kg)	2 020	2 190	2 380	2 300	2 380	2 650	3 080	3 080	3 030	3 080	3 100	3 300	3 190	3 340
Rear Tare (kg)	1 200	1 250	1 470	1 440	1 470	1 520	1 810	1 810	1 610	1 810	1 900	2 200	3 440	3 950
GVM (kg)	11 000	11 000	13 500	13 500	13 500	13 500	15 500	15 500	15 500	15 500	15 500	16 000	24 000	25 100
V (kg)	11 000	11 000	13 500	13 500	13 500	13 500	15 300	15 300	15 300	15 500	15 300	16 000	24 000	25 100
GCM (kg)	16 000	16 000	18 000	18 000	18 000	18 000	24 000	24 000	24 000	24 000	24 000	32 000	32 000	36 000
D/T (kg)	16 000	16 000	18 000	18 000	18 000	18 000	24 000	24 000	24 000	24 000	24 000	32 000	32 000	36 000
Front Axle – GA/GAU (kg)	3 600	3 600	5 000	5 000	5 000	5 000	6 300	6 300	6 300	6 300	6 300	7 100	7 100	7 100
Front Axle – A/AU (kg)	3 600	3 600	5 000	5 000	5 000	5 000	6 300	6 300	6 300	6 300	6 300	7 100	7 100	7 100
Rear Axle – GA/GAU (kg)	7 700	7 700	9 000	9 000	9 000	9 000	9 200	9 200	9 200	10 200	9 200	10 500	10 500	10 500
Rear Axle – A/AU (kg)	7 600	7 600	9 000	9 000	9 000	9 000	9 000	9 000	9 000	10 200	9 000	9 000	18 000	18 000
Litres of Fuel Tank 1 Included in Tare	15	15	15	15	15	15	15	15	15	15	15	15	15	15
Litres of Fuel Tank 2 Included in Tare	0	0	0	0	0	0	15	15	0	15	15	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	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	Yes	Yes	Yes	Yes	Yes	Yes	Yes
PERFORMANCE														
Gradeability @ V (%)	45	47	36	36	36	36	35	35	35	35	35	38	25	27
Gradeability @ D/T (%)	31	33	27	27	27	27	22	22	22	22	22	19	19	19
Max. Geared Road Speed (km/h)	117	121	120	120	120	120	118	118	118	118	118	119	108	110
MAJOR DIMENSIONS														
Overall Length	7 425	7 705	8 605	6 560	8 605	9 155	9 255	9 255	6 755	9 255	10 005	10 005	9 730	9 730
Overall Width (mm)	2 120	2 120	2 120	2 120	2 200	2 200	2 400	2 400	2 400	2 400	2 400	2 400	2 400	2 400
Wheelbase (mm)	4 360	4 660	5 160	3 790	5 160	5 560	5 550	5 550	3 900	5 550	6 050	6 050	5 700	5 700
CA – Cab to Bogle / Rear Axle (mm)	3 804	3 764	4 264	2 894	4 264	3 973	4 924	4 924	3 274	4 924	5 424	5 424	5 074	5 074
CE – Cab to End of Chassis (mm)	5 699	5 639	6 539	4 494	6 539	6 398	7 189	7 189	6 640	7 189	7 189	7 939	7 664	7 664
OH – Overall Height (mm)	2 530	2 530	2 610	2 790	2 610	2 790	2 790	2 790	2 610	2 790	2 790	2 790	2 790	2 790
FOH – Front Overhang (mm)	1 170	1 170	1 170	1 170	1 170	1 170	1 440	1 440	1 440	1 440	1 440	1 440	1 440	1 440
ROH – Rear Overhang (mm)	1 895	1 875	2 275	1 600	2 275	2 265	2 265	2 265	1 415	2 265	2 515	2 515	2 590	2 590
Rear Axle Bogle Spacing (mm)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1 300	1 300
1/2 Rear Axle Bogle Spacing (mm)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	650	650
EH – Chassis Rear End Height (mm)	955	950	930	915	930	928	1 080	1 080	1 080	1 080	1 060	1 050	1 070	1 075
HH – Ground Clearance (mm)	186	186	221	221	221	221	275	275	275	275	275	245	257	245
Rear Chassis Width (mm)	840	840	840	840	840	840	850	850	850	850	850	850	850	850
Turning Radius – Curb to Curb (mm)	6 600	7 000	9 000	6 800	9 000	9 650	9 000	9 000	9 000	9 000	9 750	9 750	9 200	9 200
Turning Radius – Wall to Wall (mm)	7 350	7 750	9 800	7 600	9 800	10 450	9 950	9 950	9 950	9 950	10 700	11 366	10 200	10 200
ENGINE														
Make	Isuzu	Isuzu	Isuzu	Isuzu	Isuzu	Isuzu	Isuzu	Isuzu	Isuzu	Isuzu	Isuzu	Isuzu	Isuzu	Isuzu
Model	4HK1-TCS	6HK1-TCN	6HK1-TCN	6HK1-TCN	6HK1-TCN	6HK1-TCN	6HK1-TCN	6HK1-TCN	6HK1-TCN	6HK1-TCN	6HK1-TCN	6HK1-TCS	6HK1-TCN	6HK1-TCS
Capacity (cm³)	5 193	7 790	7 790	7 790	7 790	7 790	7 790	7 790	7 790	7 790	7 790	7 790	7 790.0	7 790.0
Layout	Diesel Inline-4	Diesel Inline-6	Diesel Inline-6	Diesel Inline-6	Diesel Inline-6	Diesel Inline-6	Diesel Inline-6	Diesel Inline-6	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	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	176 @ 2 400	176 @ 2400	176 @ 2 400	176 @ 2 400	176 @ 2 400	206 @ 2 400	176 @ 2 400	206 @ 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	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	882 @ 1 450	706 @ 1 450 – 2 400	882 @ 1 450
Standard Emissions	Euro 3	Euro 2	Euro 2	Euro 2	Euro 3	Euro 3	Euro 2	Euro 3	Euro 2	Euro 2	Euro 2	Euro 2	Euro 2	Euro 2
CLUTCH														
Make	N/A	Exedy	Exedy	Exedy	N/A	N/A	Exedy	N/A	Exedy	Exedy	Exedy	Exedy	Exedy	Exedy
Model	N/A	380	380	380	N/A	N/A	380	N/A	380	380	380	380	380	380
Type	N/A	Single	Single	Single	N/A	N/A	Single	N/A	Single	Single	Single	Single	Single	Single
Diameter (mm)	N/A	380	380	380	N/A	N/A	380	N/A	380	380	380	380	380	380
Operation	Automated Hydraulic- Controlled Wet Clutch	Hydraulic Air-Assisted	Hydraulic Air-Assisted	Hydraulic Air-Assisted	Automated Hydraulic- Controlled Wet Clutch	Automated Hydraulic- Controlled Wet Clutch	Hydraulic Air-Assisted	Automated Hydraulic- Controlled Wet Clutch	Hydraulic Air-Assisted	Hydraulic Air-Assisted	Hydraulic Air-Assisted	Hydraulic Air-Assisted	Hydraulic Air-Assisted	Hydraulic Air-Assisted
TRANSMISSION														
Make	Isuzu	Isuzu	Isuzu	Isuzu	Isuzu	Isuzu	Isuzu	Isuzu	Isuzu	Isuzu	Isuzu	ZF	ZF	ZF
Model	MZW6P (AMT)	MZW6P	MZW6P	MZW6P	MZW6P (AMT)	MZW6P (AMT)	MZW6P	MZW6P (AMT)	MZW6P	MZW6P	MZW6P	ZF 9 S 1110	ZF 6 S 1000	ZF 9 S 1110
Type	Synchromesh	Synchromesh	Synchromesh	Synchromesh	Synchromesh	Synchromesh	Synchromesh	Synchromesh	Synchromesh	Synchromesh	Synchromesh	Synchromesh	Synchromesh	Synchromesh
Shift	Automated Manual (AMT)	Manual Gearshift	Manual Gearshift	Manual Gearshift	Automated Manual (AMT)	Automated Manual (AMT)	Manual Gearshift	Automated Manual (AMT)	Manual Gearshift	Manual Gearshift	Manual Gearshift	Manual Gearshift	Manual Gearshift	Manual Gearshift
No. of Gears Forward	6	6	6	6	6	6	6	6	6	6	6	9	6	9
First Gear Ratio : 1	6.615	6.615	6.615	6.615	6.615	6.615	6.615	6.615	6.615	6.615	6.615	9.48	6.75	9.48
Top Gear Ratio : 1	0.722	0.722	0.722	0.722	0.722	0.722	0.722	0.722	0.722	0.722	0.722	0.75	0.78	0.75