

ISUZU F-SERIES	FRR 500	FRR 550	FSR 800	FSR 800 SWB	FSR 750 CREW CAB	FTR 850 TIPPER	FTR 850	FTR 850 LWB	FVM 1200	FVR 900	FVZ 1400	FVZ 1600 COMPACTOR	FTS 750 4X4
ENGINE													
Model	4HK1-TCS	6HK1-TCN	6HK1-TCN	6HK1-TCN	6HK1-TCN	6HK1-TCN	6HK1-TCN	6HK1-TCN	6HK1-TCN	6HK1-TCN	6HK1-TCN	6HK1-TCN	6HK1-TCN
Type	TURBOCHARGED & INTERCOOLED	TURBOCHARGED & INTERCOOLED	TURBOCHARGED & INTERCOOLED	TURBOCHARGED & INTERCOOLED	TURBOCHARGED & INTERCOOLED	TURBOCHARGED & INTERCOOLED	TURBOCHARGED & INTERCOOLED	TURBOCHARGED & INTERCOOLED	TURBOCHARGED & INTERCOOLED	TURBOCHARGED & INTERCOOLED	TURBOCHARGED & INTERCOOLED	TURBOCHARGED & INTERCOOLED	TURBOCHARGED & INTERCOOLED
Fuel Injection	Common Rail	Common Rail	Common Rail	Common Rail	Common Rail	Common Rail	Common Rail	Common Rail	Common Rail	Common Rail	Common Rail	Common Rail	Common Rail
No. of Cylinders	4	6	6	6	6	6	6	6	6	6	6	6	6
Bore x Stroke (mm)	115 x 125	115 x 125	115 x 125	115 x 125	115 x 125	115 x 125	115 x 125	115 x 125	115 x 125	115 x 125	115 x 125	115 x 125	115 x 125
Displacement (cm ³)	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
Compression Ratio (:1)	17.5	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8
Output (kW @ r/min)	154 @ 2,600	176 @ 2,400	176 @ 2,400	176 @ 2,400	176 @ 2,400	176 @ 2,400	176 @ 2,400	176 @ 2,400	176 @ 2,400	206 @ 2,400	206 @ 2,400	206 @ 2,400	176 @ 2,400
Output (hp indicative)	206 @ 2600	240 @ 2400	240 @ 2400	240 @ 2400	240 @ 2400	240 @ 2400	240 @ 2400	240 @ 2400	240 @ 2400	280 @ 2400	280 @ 2400	280 @ 2400	240 @ 2400
Torque (Nm @ r/min)	637 @ 1,600	706 @ 1,450	706 @ 1,450	706 @ 1,450	706 @ 1,450	706 @ 1,450	706 @ 1,450	706 @ 1,450	706 @ 1,450	882 @ 1,450	882 @ 1,450	882 @ 1,450	706 @ 1,450
CLUTCH													
Type	SINGLE PLATE	SINGLE PLATE	SINGLE PLATE	SINGLE PLATE	SINGLE PLATE	SINGLE PLATE	SINGLE PLATE	SINGLE PLATE	SINGLE PLATE	SINGLE PLATE	SINGLE PLATE	SINGLE PLATE	SINGLE PLATE
Diameter (mm)	350	380	380	380	380	380	380	380	380	380	380	380	350
Operation	AIR ASSISTED HYDRAULIC CONTROL	AIR ASSISTED HYDRAULIC CONTROL	AIR ASSISTED HYDRAULIC CONTROL	AIR ASSISTED HYDRAULIC CONTROL	AIR ASSISTED HYDRAULIC CONTROL	AIR ASSISTED HYDRAULIC CONTROL	AIR ASSISTED HYDRAULIC CONTROL	AIR ASSISTED HYDRAULIC CONTROL	AIR ASSISTED HYDRAULIC CONTROL	AIR ASSISTED HYDRAULIC CONTROL	AIR ASSISTED HYDRAULIC CONTROL	AIR ASSISTED HYDRAULIC CONTROL	AIR ASSISTED HYDRAULIC CONTROL
TRANSMISSION													
Make / Model	MZW6P	MZW6P	MZW6P	MZW6P	MZW6P	MZW6P	MZW6P	MZW6P	MZW6P	ZF6S1000	ZF9S1110	ZF9S1110	ZF9S1110
1st Gear Ratio (:1)	6.615	6.615	6.615	6.615	6.615	6.615	6.615	6.615	6.615	6.750	6.580	6.580	6.615
2nd Gear Ratio (:1)	4.095	4.095	4.095	4.095	4.095	4.095	4.095	4.095	4.095	3.600	4.700	4.700	4.095
3rd Gear Ratio (:1)	2.358	2.358	2.358	2.358	2.358	2.358	2.358	2.358	2.358	2.120	3.480	3.480	2.358
4th Gear Ratio (:1)	1.531	1.531	1.531	1.531	1.531	1.531	1.531	1.531	1.531	1.390	2.620	2.620	1.531
5th Gear Ratio (:1)	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.890	1.890	1.000
6th Gear Ratio (:1)	0.722	0.722	0.722	0.722	0.722	0.722	0.722	0.722	0.722	0.780	1.350	1.350	0.722
7th Gear Ratio (:1)	-	-	-	-	-	-	-	-	-	-	1.000	1.000	-
8th Gear Ratio (:1)	-	-	-	-	-	-	-	-	-	-	0.750	0.750	-
Crawler Gear Ratio (:1)	-	-	-	-	-	-	-	-	-	-	9.480	9.480	-
Reverse Gear Ratio (:1)	6.615	6.615	6.615	6.615	6.615	6.615	6.615	6.615	6.615	6.060	8.970	8.970	6.615
PERFORMANCE													
Maximum Speed (km/h)	117	121	120	120	120	118	118	118	108	119	110	110	118
Gradeability (%)	45.1	47.3	36.3	36.3	36.3	34.59	34.59	34.59	24.83	38.15	27.22	27.22	39.22
SUSPENSION													
Front	MULTI LEAF SPRING WITH DOUBLE ACTING SHOCK ABSORBERS												
Stabiliser bar	YES												
Rear	MULTI LEAF MAIN SPRING, MULTI HELPER SPRING												
Stabiliser bar	NO	YES	NO	YES	NO	YES	NO	YES	NO	YES	NO	YES	NO
BRAKES													
System	AOH	AOH	AOH	AOH	AOH	AOH	FULL AIR	FULL AIR	FULL AIR	FULL AIR	FULL AIR	FULL AIR	AOH
Park Brake	REAR WHEELS	REAR WHEELS	REAR WHEELS	REAR WHEELS	REAR WHEELS	REAR WHEELS	REAR WHEELS	REAR WHEELS	REAR WHEELS	REAR WHEELS	REAR WHEELS	REAR WHEELS	REAR WHEELS
Front	DRUM	DRUM	DRUM	DRUM	DRUM	DRUM	DRUM	DRUM	DRUM	DRUM	DRUM	DRUM	DRUM
Rear	DRUM	DRUM	DRUM	DRUM	DRUM	DRUM	DRUM	DRUM	DRUM	DRUM	DRUM	DRUM	DRUM
ABS	STANDARD	STANDARD	STANDARD	STANDARD	STANDARD	STANDARD	STANDARD	STANDARD	STANDARD	STANDARD	STANDARD	STANDARD	-
Auxiliary	EXHAUST BRAKE	EXHAUST BRAKE	EXHAUST BRAKE	EXHAUST BRAKE	EXHAUST BRAKE	EXHAUST BRAKE	EXHAUST BRAKE	EXHAUST BRAKE	EXHAUST BRAKE	EXHAUST BRAKE	EXHAUST BRAKE	EXHAUST BRAKE	EXHAUST BRAKE
STEERING													
Ratio (:1)	16:1 - 18.8:1	16:1 - 18.8:2	16:1 - 18.8:3	16:1 - 18.8:1	16:1 - 18.8:2	22.4:1	22.4:1	22.4:1	22.4:1	22.4:1	22.4:1	22.4:1	22.4:1
Operation	POWER	POWER	POWER	POWER	POWER	POWER	POWER	POWER	POWER	POWER	POWER	POWER	POWER
CAB													
Control	FORWARD	FORWARD	FORWARD	FORWARD	FORWARD	FORWARD	FORWARD	FORWARD	FORWARD	FORWARD	FORWARD	FORWARD	FORWARD
Tilt Torsion Bar Assistance	YES	YES	YES	YES	NO	YES	YES	YES	YES	YES	YES	YES	YES
Tilt Electro Hydraulic	NO	NO	NO	NO	YES	NO	NO	NO	NO	NO	NO	NO	NO
WHEELS & TYRES													
Type	RADIAL	RADIAL	RADIAL	RADIAL	RADIAL	RADIAL	RADIAL	RADIAL	RADIAL	RADIAL	RADIAL	RADIAL	RADIAL
Tyre Size (Front)	235/75R17.5	235/75R17.5	265/70R19.5	265/70R19.5	265/70R19.5	11R22.5-16PR	11R22.5-16PR	11R22.5-16PR	11R22.5-16PR	11R22.5-16PR	295/80R22.5	295/80R22.5	10R22.5-14PR
Tyre Size (Rear)	235/75R17.5	235/75R17.5	265/70R19.5	265/70R19.5	265/70R19.5	11R22.5-16PR	11R22.5-16PR	11R22.5-16PR	11R22.5-16PR	11R22.5-16PR	295/80R22.5	295/80R22.5	10R22.5-14PR
Wheel Size (Front)	6.00x17.5	6.00x17.5	6.75x19.5	6.75x19.5	6.75x19.5	8.25x22.5	8.25x22.5	8.25x22.5	8.25x22.5	8.25x22.5	8.25x22.5	8.25x22.5	7.25x22.5
Wheel Size (Rear)	6.00x17.5	6.00x17.5	6.75x19.5	6.75x19.5	6.75x19.5	8.25x22.5	8.25x22.5	8.25x22.5	8.25x22.5	8.25x22.5	8.25x22.5	8.25x22.5	7.25x22.5
FUEL TANK													
Capacity (Litres)	200	200	200	200	200	200	200 + 200	200 + 200	400	400	400	400	200
FRONT AXLE													
Model	F036	F036	F050	F050	F050	F063	F063	F063	F063	F071	F071	F071	F047
REAR AXLE													
Model	R077	R077	R090	R090	R090	R092	R092	R092	R092	R130 + D108	R105	RT210	R092
Final Drive Ratio (:1)	4.875	4.333	4.555	4.555	4.555	5.875	5.875	5.875	5.875	6.429	5.571	6.143	5.571
ELECTRICAL SYSTEM													
System Voltage (V)	24	24	24	24	24	24	24	24	24	24	24	24	24
DIMENSIONS (mm)													
DL – Overall Length	7,425	7,705	8,605	8,605	9,155	6,755	9,255	10,005	10,005	9,080	10,005	9,080	7,405
OW – Overall Width	2,120	2,120	2,120	2,120	2,200	2,400	2,400	2,400	2,400	2,400	2,400	2,400	2,400
OH – Overall Height	2,530	2,530	2,610	2,610	2,610	2,610	2,790	2,790	2,790	2,790	2,790	2,790	2,930
WB – Wheelbase	4,360	4,660	5,160	5,160	5,560	3,900	5,550	6,050	5,700	6,050	5,700	6,050	4,250
FOH – Front Overhang	1,170	1,170	1,170	1,170	1,170	1,440	1,440	1,440	1,440	1,440	1,440	1,440	1,255
ROH – Rear Overhang	1,895	1,875	2,275	2,275	1,600	1,415	2,265	2,515	1,940	2,515	1,940	1,940	1,900
BW – Rear Axle Width	2,170	2,173	2,225	2,225	2,225	2,426	2,426	2,426	2,426	2,460	2,460	2,460	2,390
FT – Front Track	1,790	1,790	1,810	1,810	1,810	1,975	1,975	1,975	1,975	1,975	1,975	1,975	1,965
RT – Rear Track	1,660	1,660	1,700	1,700	1,700	1,820	1,820	1,820	1,820	1,820	1,845	1,845	1,810
EH – Chassis Rear End Height	955	870	898	915	1,110	1,080	980	1,075	980	1,075	980	1,075	1,180
CWF – Front Chassis Width	840	840	840	840	840	850	850	850	850	850	850	850	850
CWR – Rear Chassis Width	840	840	840	840	840	850	850	850	850	850	850	850	850
HH – Rear Ground Clearance	186	186	221	221	219	275	275	275	257	245	245	245	257
CE – Cab to Chassis End	5,699	5,639	6,539	4,494	5,258	4,689	7,189	7,939	7,664	7,939	7,014	7,014	5,340
CA – Cab to Axle	3,804	3,764	4,264	2,894	3,274	4,924	4,924	5,424	5,074	5,424	5,074	5,074	3,440
GP – Minimum Body Gap	74	74	89	89	123	75	75	75	74	74	74	74	90
GP – Body Gap (Guideline)	90	90	90	90	130	90	90	90	90	90	90	90	90
MASS DATA (kg)													
Manufacturer's GVM	10,000	11,000	13,500	13,500	13,500	15,000	15,000	15,000	15,000	22,500	16,000	24,000	13,500
Permissible Gross Mass (V)	10,000	11,000	13,500	13,500	13,500	15,000	15,000	15,000	15,000	22,500	16,000	24,000	13,500
Manufacturer's GCM	16,000	16,000	18,000	18,000	18,000	24,000	24,000	24,000	24,000	NOT TO TOW	32,000	36,000	18,000
Permissible Combination Mass (D/T)	16,000	16,000	18,000	18,000	18,000	24,000	24,000	24,000	24,000	NOT TO TOW	32,000	36,000	18,000
Front Axle Tare Mass	2,020	2,235	2,430	2,300	2,650	3,080	3,080	3,190	3,190	3,300	3,340	3,340	3,020
Rear Axle Tare Mass	1,200	1,230	1,425	1,440	1,520	1,610	1,810	2,155	3,440	2,200	3,950	3,950	1,940
Total Tare Mass	3,220	3,465	3,855	3,740	4,170	4,690	4,890	5,345	6,630	5,500	7,290	7,290	4,960
Gross Axle Mass Load - Front (GA1)	3,600	3,600	5,000	5,000	5,000	6,300	6,300	6,300	7,100	7,100	7,100	7,100	4,700
Gross Axle Mass Load - Rear (GA2)	7,700	7,700	9,000	9,000	9,000	9,200	9,200	9,200	10,500	10,500	10,500	10,500	9,200
Gross Axle Mass Load - Rear (GA3)	NA	NA	NA	NA	NA	NA	NA	NA	10,500	10,500	10,500	10,500	NA
Permissible Axle Load - Front (A1)	3,600	3,											

F SERIES. SEE THE DIFFERENCE.

The F-Series, along with all Isuzu Trucks, has been developed around the SEE philosophy, a 3-tiered concept adhering to progressive ideas around Safety, Economy and the Environment.

SAFETY

Safety is taken into account when developing all our vehicles. And the F-Series is no exception.

- ◆ **ABS:** Comes standard excluding the FTS 750 4X4.
- ◆ **Panoramic windscreen:** Offers extra visibility of the surrounding conditions, helping to reduce fatigue and raise safety levels.
- ◆ **Safety belts:** Built into an air suspension seat, these seatbelts improve safety while reducing driving discomfort.
- ◆ **Door beams:** Built into the door for added structural strength and improved safety.



ECONOMY

The F-Series is built for durability, reliability and cost-efficiency so you can get the most out of your vehicle.

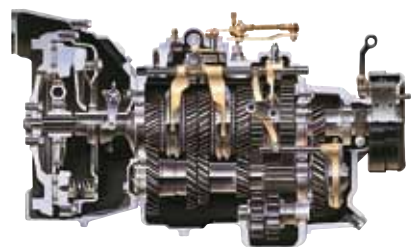


- ◆ **Eco-design:** The new cab is aerodynamically designed to improve fuel consumption.
- ◆ **Service intervals:** Cost-effective servicing intervals at every 20 000km.
- ◆ **Common rail technology:** Ensures fuel efficient and powerful performance from the engine.

ENVIRONMENT

We have made a commitment to create vehicles that significantly reduce the impact on our environment and comply with EURO II standards.

- ◆ **Clean diesel technologies:** The 5,2 litre, 4 cylinder and the 7,8 litre, 6 cylinder common rail diesel engines both have turbochargers and intercoolers, considerably reducing the effect on the environment.
- ◆ **Recycled parts:** Internal parts like the dashboard, door panels, interior trim, exterior trim and centre console are constructed from recycled plastics.
- ◆ **Chassis weight:** The weight of the chassis has been reduced. However, it has been strengthened in the critical areas.
- ◆ **Air suspension driver seat:** Ensures comfortable driving, less fatigue on the driver, resulting in a comfortable working environment.
- ◆ **Air conditioning and Radio/CD:** Standard equipment on FVR 900, FVZ 1400 and FVZ 1600 models.



F SERIES FRR | FSR | FTS | FTR | FVM | FVR | FVZ



With a full model line-up, the powerful yet fuel-efficient Isuzu F-Series is the right choice for your application. Built for driving comfort, convenience, safety and handling the F-Series is the ultimate, cost-effective workhorse you can depend on... for the long run.

ISUZU
TRUCKS
For the long run

FLIPPIN' GREAT TRUCKS FOR THE LONG RUN