

ISUZU 7TH GENERATION

F-SERIES



Experience MORE

Experience More with ISUZU F SERIES TRUCKS

Local distributors, construction companies and businesses around the world count on Isuzu F Series Trucks, to deliver MORE value cost effectively, so you have a solid competitive edge in today's dynamic business environment. The Isuzu F Series line up incorporates an innovative design, versatility and dependable performance that are vital to success and meets the demands of the operators.

The comprehensive range of advanced F-Series trucks provides operators with the right options to meet the most demanding requirements from freight carriers and compactors to medium and heavy haul operations and off-road application.





Anytime tough: Rugged and Reliable for the Jobs You Do



Proven Power, Performance and Payload

OPTIMIZED FOR CARRYING CAPACITY AND RELIABILITY

Every businessman wants to optimize payload per trip. What better way to do this with a rigid chassis and optimal wheelbase dimensions in the 7th Generation F series trucks. As they cover the distance, they are engineered to handle heavy loads and a broad variety of rear bodies.

Placing the front axle slightly to the rear not only maximizes carrying capacity, it also reduces overall length and allows for larger cab steps throughout the journey.



A detailed view of the interior of an Isuzu F-Series truck cab. The image shows the driver's side with a large, adjustable seat, a steering wheel, and a gear shift. The interior is spacious and well-lit, with a focus on the seating area and the dashboard. The background shows a view through the windshield of a sunset or sunrise sky.

MORE SPACE, MORE COMFORT,

Isuzu F-Series trucks are equipped with a spacious cab, to minimize fatigue and create a pleasant and productive working environment for any driver, on any road. With best in class dimension, there is ample room to spread out, with a day cab that has lots of clever storage compartments that help reduce clutter in the cabin.

A spacious sleeper cab with a wider sleeper bed also provides adequate resting place for the crew during long hauls.



EFFORTLESS OPERABILITY

Power steering / adjustable column Power steering and tilt / telescopic column adjustment are standard, helping to reduce driver fatigue. Simple operation Meters are located in the center for superior visibility, surrounding switches are designed for easy control.



High-visibility meters, simple operation

Meters are in the center for superior visibility, allowing drivers to confirm vehicle status at a glance. Surrounding switches are designed for easy control.



Covered overhead shelf

Ideal for communications equipment or long items



Room mirror

Allows driver to check rear of cabin and through rear window



MORE ACCESS

Three steps and hand grips facilitate cab ingress/egress



Smooth and effortless shifting

Refinements to the master cylinder reduce the effort involved in manual shifting and ensure a smooth ride. Reliability and durability are also enhanced.



Cup holders

Holds two cups or cans within easy reach of driver



Door Ashtray



Header Console



AM/FM radio

Produce superior sound quality

MORE VISIBILITY



Better mirror visibility for safer driving

Wide-angle mirrors on the driver's side and co-driver's side as well as front and side under mirrors on the co-driver's side expand visibility, helping to prevent "under run" and contact accidents during turns or merging.

MORE GREEN



Optimal power from Small displacement.

Isuzu engineers pushed the limits of engine technology to develop the common rail diesel engines which delivers unmatched fuel economy and reduced carbon emissions. Technologically advanced engine management features are perfectly complemented with rugged construction to reduce total cost-of-ownership and ensure reliability even in harsh operating conditions. The four-cylinder 4HK1-TCC / TCS provide optimal power required for your everyday deliveries. For long-haul transport and more demanding applications, six-cylinder 6HK1-TCN / TCS offer the ultimate output and torque.

4HK1-TCC Direct-injection OHC
•Displacement 5,193cc
•Max. Output 140kW (190PS) / 2,600rpm (net)
•Max. Torque 510N•m (52kg•m) / 1,600rpm (net)

4HK1-TCS Direct-injection OHC
•Displacement 5,193cc
•Max. Output 154kW (210PS) / 2,600rpm (net)
•Max. Torque 637N•m (65kg•m) / 1,600rpm (net)
706N•m (72kg•m) / 1,600rpm (net)

6HK1-TCN Direct-injection OHC
•Displacement 7,790cc
•Max. Output 177kW (240PS) / 2,400rpm (net)
•Max. Torque 706N•m (72kg•m) / 1,450rpm (net)

6HK1-TCS Direct-injection OHC
•Displacement 7,790cc
•Max. Output 206kW (280PS) / 2,400rpm (net)
•Max. Torque 882N•m (90kg•m) / 1,450rpm (net)



Turbocharger

The turbocharger realizes high output from small displacement. The result is improved fuel economy and reduced emissions.

Common-rail fuel injection system

Electronic control injects fuel at extremely high pressure in 1/1000 second units and determines optimal injection amounts, reducing NOx and particulate matter.

Electronic control technologies

Proprietary ISUZU electronic control technologies are the key to precise regulation of combustion in order to deliver peak power, environmental performance and fuel economy. Every F-Series model takes full advantage of cutting-edge ISUZU electronic control.



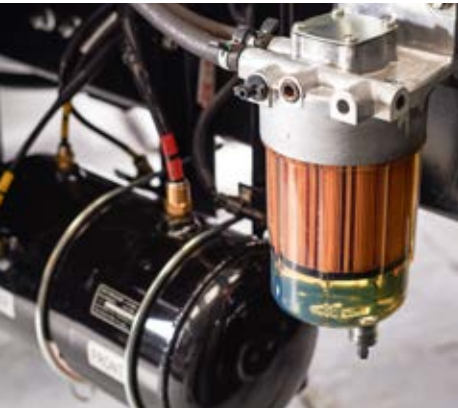
Designed for easy maintenance

When there is a big job, FORWARD will be ready. The quick access front panel facilitates routine replenishment of clutch and washer fluids as well as brake valve maintenance.



Cleaning the windshield is a snap

A full-length bumper step and hand grips take the hard work out of cleaning the windshield. The bumper step and grips also offer steady support for adjustment of mirrors. For remote adjustment from inside the cab, power mirrors are available.



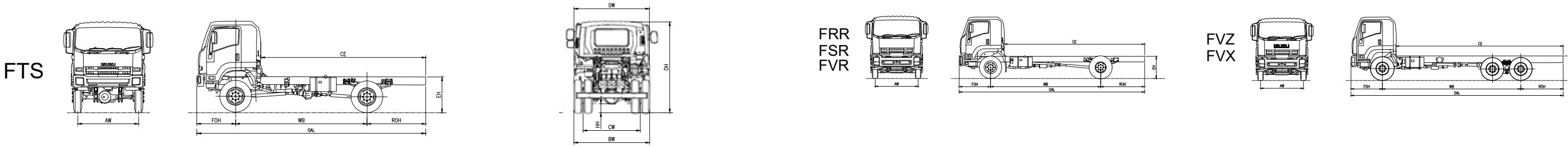
Simplified fluid inspection and other service work

Checking fluids is simple. An engine oil inspection port is located at the back of the cab, along with brake fluid and long-life coolant reservoirs. The relay box is also conveniently placed at the back of the cab for straightforward inspection. Even fuse replacement inside the cab below the instrument panel is easy, thanks to a cartridge-type fuse box.

MODEL	GVW	DRIVE SYSTEM	ENGINE
FRR	11,000	4*2	4HK1-TCC
FTR	13,500/14,200	4*2	4HK1-TCC/S
FTS	13,000	4*4	6HK1-TCN
FVR	18,000	4*2	6HK1-TCN
FVZ	26,000	6*4	6HK1-TCS



F-SERIES TECHNICAL SPECIFICATIONS



MODEL	FRR90N	FTR90L LSD	FTR90L non LSD	FTS34L	FVR34P	FVZ34T, Cargo truck Chassis	FVZ34T, Tipper Chassis
ENGINE							
Model	4HK1-TCC	4HK1-TCC	4HK1-TCS	6HK1-TCN	6HK1-TCN	6HK1-TCS	6HK1-TCS
Type	Diesel 4 cylinder , Common Rail Turbocharged with Intercooler			Diesel 6 cylinder , Common Rail Turbocharged with Intercooler			
Displacement(L)	5193	5193	5193	7790	7790	7790	7790
Max Output kW (hp) @ rpm	140(190) @ 2,600	140(190) @ 2,600	154(210) @ 2,600	177 (240)@ 2,400	177 (240)@ 2,400	206(280) @ 2,400	206(280) @ 2,400
Max Torque Kgm (Nm) @ rpm	52(510) @ 1,600	52(510) @ 1,600	72(705) @ 1,600	(72)706 @ 1,450	(72)706 @ 1,450	90(882)@ 1,450	90(882)@ 1,450
Pre-air cleaner & high air intake pipe	Standard						
Fuel water sedimentors	Standard						
Heavy duty radiator	Standard						
Emission	Euro 2						
CLUTCH							
Type	Type: Dry Single Plate Operation: Hydraulic Control, Air Assist						
Diameter (mm/ inch)	350/14"	350/14"	350/14"	380/15"	380/15"	380/15"	380/15"
TRANSMISSION	6 Speed over drive, 1 reverse	6 Speed over drive, 1 reverse	6 Speed direct drive, 1 reverse	6 Speed over drive, 1 reverse	9 Speed manual, direct drive, 1 reverse	9 Speed manual, direct drive, 1 reverse	9 Speed manual, direct drive, 1 reverse
SUSPENSION	Front: Multi Leaf Spring Shock Absorbers - Double acting Rear: Multi Leaf Spring with Helper Spring						
BRAKES							
System	Air Over Hydraulic Dual Circuit			AOH, with auto brake lining adjustment	Full Air Dual Circuit, with air dryer and auto brake lining adjustment		
Park Brake	Center Drum Parking	Center Drum Parking	Center Drum Parking	Center Drum Parking	Rear Wheel Parking	Rear Wheel Parking	Rear Wheel Parking
Front& Rear	Drum	Drum	Drum	Drum	Drum	Drum	Drum
Auxiliary	Exhaust Brake	Exhaust Brake	Exhaust Brake	Exhaust Brake	Exhaust Brake	Exhaust Brake	Exhaust Brake
Speed limiter	80km/h	80km/h	80km/h	80km/h	80km/h	80km/h	80km/h
STEERING							
Operation	Power						
CAB							
Type	Tilt Cabin Construction						
Sleeper Cab	Standard						
Seat belt	3 point x 2 for driver & Assistant, 2 Point x 1 for center seat						
CD player w/ USB	Standard	Standard	Standard	Standard	Standard	Standard	Standard
WHEELS & TYRES							
Tyre Size	235/75 R17.5 Tubeless	11R22.5-16PR Tubeless	11R22.5-16PR Tubeless	9.00R20-14PR	12.00R22.5 Tubeless	12.00R22.5 Tubeless	12.00R22.5 Tubeless
Rim Size	17.5x6.00	7.5x22.5	7.5x22.5	7.0x20	8.25x22.5	8.25x22.5	8.25x22.5
FUEL TANK							
Capacity (Litres)	200	200	200	200	200	370	370
Final Drive Ratio (:1)	5.571	6.833	6.833	5.571	6.143	6.143	6.143
WEIGHT (kg)							
Gross vehicle weights (GVW) (Kgs)	11000	13500	14200	13000	18000	26000	26000
Cab chassis mass (Kgs)	3120	4560	4560	5140	5130	7155	6500

DIMENSIONS (mm)	Overall Length	Overall Width	Overall Height	Wheel base	Front Over hang	Rear Over hang	Rear Axle Width	Front Track	Rear Track	Chassis Rear Height at Axle	Front Chassis Width	Rear Chassis Width	Rear Ground Clearance	Cab to Chassis End	Cab to Axle
FRR90N	8155	2200	2600	4860	1170	2125	2165	1790	1660	900	840	840	190	6090	3965
FTR90L LSD	7405	2400	2720	4250	1440	1715	2350	1990	1790	1015	850	850	275	5335	3620
FTR90L non LSD	7405	2400	2720	4250	1440	1715	2350	1990	1790	1015	850	850	275	5335	3620
FTS34L	7405	2400	2910	4250	1255	1900	2350	1965	1790	1120	850	850	275	5335	3435
FVR34P	8505	2400	2860	5060	1440	2015	2445	1970	1845	1250	850	870	245	6435	4420
FVZ34T, Cargo truck Chassis	9730	2400	2905	6335	1440	1940	2445	1970	1845	1220	850	870	265	7660	5070
FVZ34T, Tipper Chassis	7630	2400	2905	4250	1440	1340	2445	1970	1845	1220	850	870	265	5650	3660

A Truck for Every Application

There is a wide variety of rear bodies, application-specific models and modifications to choose from, depending on the specialised needs of your business.



Power Tailgate



Flatbed Recovery Truck



Tipper



Aerial Lift



Wrecker



Tanker



Garbage Compactor



Crane / Cargo



Refrigerated Van



Earth Auger



Exhauster



Road Sweeper

Customized / specialized solutions and designs available.



Trucks for life
ISUZU

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