

Isuzu The
World's Choice

Trucks for life
ISUZU
**F-SERIES
FORWARD**
Medium-duty Trucks GVW 11.0-26.5ton



World-renowned ISUZU Engine

The world-renowned ISUZU diesel engine with improved power, durability and fuel efficiency will lead your business to the next stage.

Engine Variation



4 CYLINDER

4HK1-TCN Direct-injection OHC, diesel

- Displacement 5,193cc
- Max. Output 140kW(190PS)/2,600rpm
- Max. Torque N•m(52.0kgf•m) 1,600rpm

4HK1-TCC/-TCS

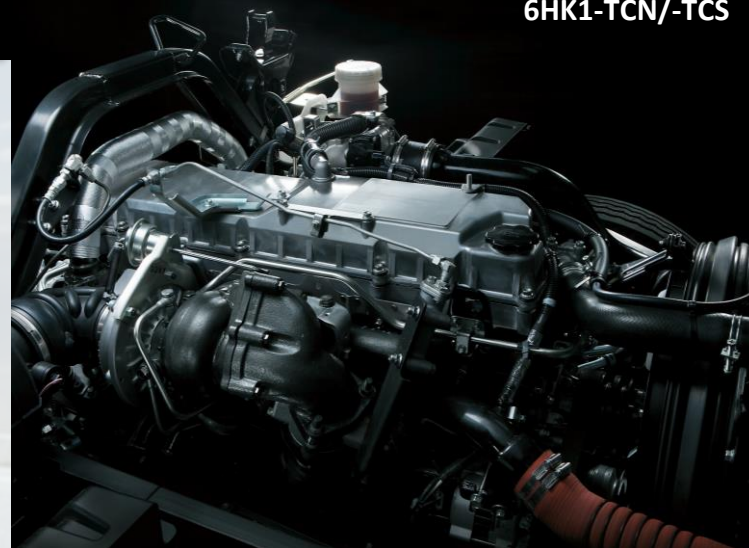
6 CYLINDER

6HK1-TCN Direct-injection OHC, diesel

- Displacement 7,790cc
- Max. Output 176kW(240PS)/2,400rpm
- Max. Torque 706N•m(72.0kgf•m) 1,450rpm

6HK1-TCS Direct-injection OHC, diesel

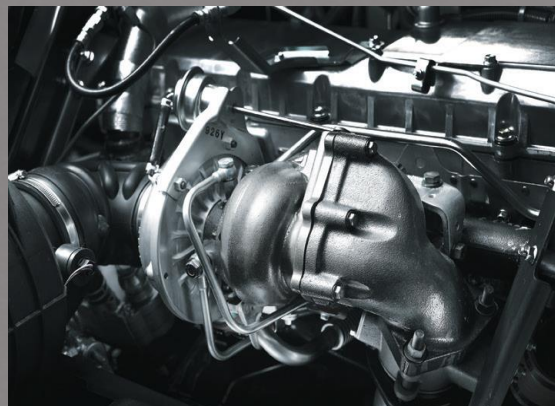
- Displacement 7,790cc
- Max. Output 206kW(280PS)/2,400rpm
- Max. Torque 882N•m(90.0kgf•m) 1,450rpm



6HK1-TCN/-TCS

Turbocharger

The turbocharger releases 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, environment performance and fuel economy. Every FORWARD model takes full advantage of cutting-edge Isuzu electronic control.



Isuzu The
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Choice



Ever improving ISUZU earns high evaluation around Middle East

Diversity

ISUZU continues to improve by collecting user needs from Middle East countries and using them for next vehicle model development.

Customizability

Different kinds of vehicles specifications are lined up to match various body customizations.

Practicality

Thanks to its performance and durability, 40 thousand units are sold annually in the Middle East area.

Reasons Why FORWARD is High Quality

Engineering

Light-weight, compact, and high-power output engines that are precisely designed using the latest multi-dimensional CAD.

Quality Control

Established the manufacturing structure which prevents defects from going through to the next process by setting multiple check points at each process.

Manufacturing

Distributed around the world, our production know-how, which we have cultivated over many years and expanded our homogenized products and services globally.





MAIN SPECIFICATIONS

Class	FRR90M	FRR90M	FRR90N	FRR90Q	FRR34N
Model	FRR90M22	FRR90M2N	FRR90N22	FRR90Q22	FRR34N22
Suffix Code	FRR90SL-MASN	FRR90SL-MASN	FRR90SL-NCSN	FRR90SL-QASN	FRR34SL-NCSA
Rear Tire	Dual	Dual	Dual	Dual	Dual
G.V.W. [Kg]	11,000	11,000	11,000	11,000	11,000
Type	Cab Chassis	Cab Chassis	Cab Chassis	Cab Chassis	Cab Chassis
Seating Capacity	3	3	3	3	3

ENGINE

Model	4HK1-TCN	4HK1-TCN	4HK1-TCN	4HK1-TCN	6HK1-TCN
Type	Direct Injection, OHC, Diesel				
Emission Level	Euro II	Euro III	Euro II	Euro II	Euro II
No. of cylinders	4	4	4	4	6
Displacement [cc]	5,193	5,193	5,193	5,193	7,790
Max. Output [PS/rpm]	190/2600	190/2600	190/2600	190/2600	190/2600
Max. Torque [Kgfm/rpm]	52/1600	52/1600	52/1600	52/1600	52/1600
Starter	4.5kW	4.5kW	4.5kW	4.5kW	5.0kW

MASS (kg)

Cab Chassis / Vehicle Mass	3325	3395	3390	3,395	3615
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CHASSIS

Clutch	Type	Dry Single Plate				
	Size [Mm]	14	14	14	14	15
Transmission	Type	MZZ6W	MZZ6N (NEES AMT)	MZZ6W	MZZ6W	MZW6P
Final Gear	Diameter [mm]	14.5	14.5	14.5	14.5	14.5
	Gear Ratio	5.125	5.125	5.125	5.125	4.333
Brake	Type	AOH	AOH	AOH	AOH	AOH
	Parking	Centre Brake				
Steering	Type	Power Assist				
Axle	Front	F036	F036	F036	F036	F036
	Rear	R077	R077	R077	R077	R077
Suspension		FR Multi Leaf Suspension & RR Multi Leaf Suspension				
Frame		840mm Straight	840mm Straight	840mm Straight	840mm Straight	840mm Straight
Tire	Front & Rear	235/75R17.5-132/130				
Disc Wheel	Front & Rear	6STUD 17.5X6.75(137-10)				
Fuel Tank Capacity [Liter]		200L	200L	200L	200L	200L

FVR34L	FVR34P	FVR34Q	FVR34L	FVR34Q
FVR34L22	FVR34P22	FVR34Q22	FVR34L24	FVR34Q24
FVR34UL-LDSN	FVR34UL-PDSN	FVR34UL-QDSN	FVR34UL-LDSN	FVR34UL-QDSN
Dual	Dual	Dual	Dual	Dual
16,000	16,000	16,000	18,000	18,000
Cab Chassis	Cab Chassis	Cab Chassis	Cab Chassis	Cab Chassis
3	3	3	3	3

6HK1-TCN	6HK1-TCN	6HK1-TCN	6HK1-TCN	6HK1-TCN
Direct Injection, OHC, Diesel				
Euro II	Euro II	Euro II	Euro II	Euro II
6	6	6	6	6
7,790	7,790	7,790	7,790	7,790
240/2400	240/2400	240/2400	240/2400	240/2400
72/1450	72/1450	72/1450	72/1450	72/1450
5.0kW	5.0kW	5.0kW	5.0kW	5.0kW

4,970	5010	5090	5280	5450
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Dry Single Plate				
15	15	15	15	15
MZW6P	MZW6P	MZW6P	MZW6P	MZW6P
16.5	16.5	16.5	17.5	17.5
5.571	5.571	5.571	6.143	6.143
Full Air	Full Air	Full Air	Full Air	Full Air
Wheel Park				
Power Assist				
F063	F063	F063	F063	F063
R105	R105	R105	R130	R130
FR Multi Leaf Suspension & RR Multi Leaf Suspension				
850mm Straight	850mm Straight	850mm Straight	850mm Straight	850mm Straight
10.00R20-16PR			295/80R22.5-152/148	
10STUD 20X7.00T			10STUD 22.5X8.25(165-13)	
200L	200L	200L	200L	200L

FSR / FVZ / FTS

Delivering
profit to you



MAIN SPECIFICATIONS

Class	FSR34N	FVZ34P	FVZ34R
Model	FSR34N22	FVZ34P24	FVZ34R24
Suffix Code	FSR34SL-NCSN	FVZ34UL-PDSS	FVZ34UL-RDSS
Rear Tire	Dual	Dual	Dual
G.V.W. [Kg]	13,500	26,500	26,500
Type	Cab Chassis	Cab Chassis	Cab Chassis
Seating Capacity	3	3	3

ENGINE

Model	6HK1-TCN	6HK1-TCS	6HK1-TCS
Type	Direct Injection, OHC, Diesel		
Emission Level	Euro II	Euro II	Euro II
No. of cylinders	6	6	6
Displacement [cc]	7,790	7,790	7,790
Max. Output [PS/rpm]	240/2400	280/2400	280/2400
Max. Torque [Kgf·m/rpm]	72/1450	90/1450	90/1450
Starter	5.0kW	5.0kW	5.0kW

MASS (kg)

Cab Chassis / Vehicle Mass	4,005	7,100	7,230
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CHASSIS

Clutch	Type	Dry Single Plate		
	Size [Mm]	15	15	15
Transmission	Type	MZW6P	ZF9S1110 TO	ZF9S1110 TO
Final Gear	Diameter [mm]	14.5	17.5	17.5
	Gear Ratio	4.555	6.429	6.429
Brake	Type	AOH	Full Air	Full Air
	Parking	Wheel park	Wheel park	
Steering	Type	Power Assist		
Axle	Front	F050	F063	F063
	Rear	R090	R210	R210
Suspension		FR Multi Leaf Suspension & RR Multi Leaf Suspension		
Frame		840mm Straight	850mm Straight	850mm Straight
Tire	Front & Rear	265/70R19.5-140/138	295/80R22.5-152/148	
Disc Wheel	Front & Rear	8STUD 19.5X6.75(147-12)	10STUD 22.5X8.25(165-13)	
Fuel Tank Capacity	[Liter]	200L	200L	200L

FVZ34P	FVZ34R	FTS34L
FVZ34P25	FVZ34R25	FTS34L22
FVZ34UL-PDSS	FVZ34UL-RDSS	FTS34SL-LDSN
Dual	Dual	Dual
26,500	26,500	13,000
Cab Chassis	Cab Chassis	Cab Chassis
3	3	3

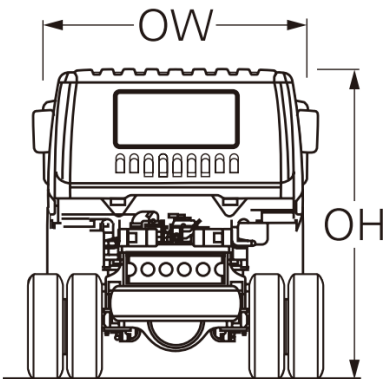
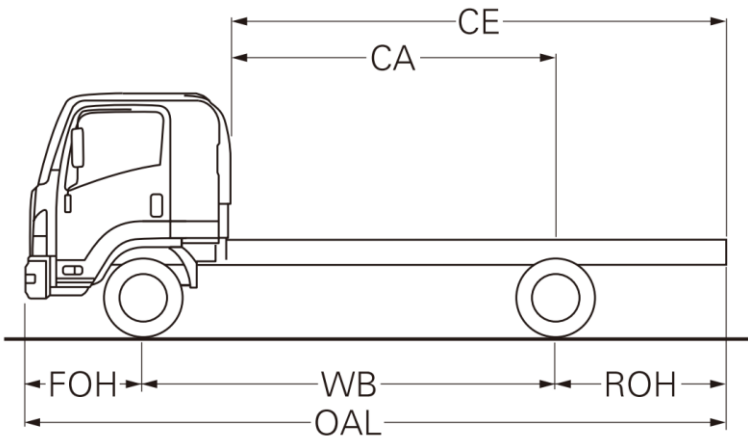
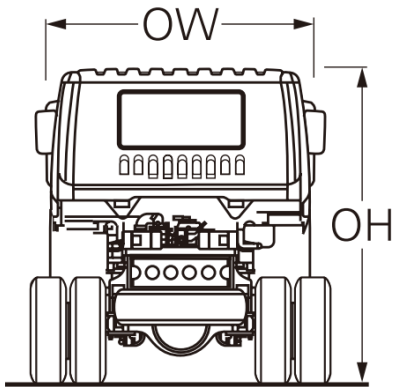
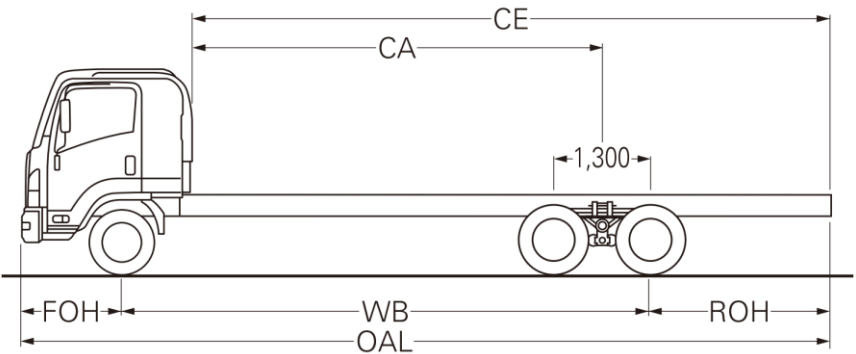
6HK1-TCS	6HK1-TCS	6HK1-TCN
Direct Injection, OHC, Diesel		
Euro III	Euro III	Euro II
6	6	6
7,790	7,790	7,790
300/2400	300/2400	240/2400
100/1450	100/1450	72/1450
5.0kW	5.0kW	5.0kW

7,100	7,230	5,130
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Dry Single Plate		
15	15	15
ZF9S1110 TO	ZF9S1110 TO	MZW6P
17.5	17.5	15.5
6.429	6.429	5.571
Full Air	Full Air	AOH
Wheel park	Wheel park	Center brake
Power Assist		
F063	F063	FD047
R210	R210	R092
FR Multi Leaf Suspension & RR Multi Leaf Suspension		
850mm Straight	850mm Straight	850mm Straight
295/80R22.5-152/148		9.00R-20-14PR
10STUD 22.5X8.25(165-13)		8STUD 20X6.50T (152-11)
200L	200L	200L

DIMENSIONS

FR / FV / FS / FT



The photo doesn't reflect the actual dimensions of all the models



Unit:mm

MODEL	FRR90M22	FRR90M2N	FRR90N22	FRR90Q22	FRR34N22	FSR34N22	FVR34L22	FVR34P22
REAR TIRE	Dual	Dual	Dual	Dual	Dual	Dual	Dual	Dual
TYPE	Cab Chassis	Cab Chassis	Cab Chassis	Cab Chassis	Cab Chassis	Cab Chassis	Cab Chassis	Cab Chassis
OAL	8035	8035	8315	8785	8315	8315	7775	8725
OW	2200	2200	2200	2220	2220	2220	2400	2400
AW (CAB)	1795	1795	1795	1795	1795	1800	1970	1970
CW	1660	1660	1660	1660	1660	1705	1850	1850
BW	2170	2170	2170	2170	2170	2240	2460	2460
FOH	1170	1170	1170	1170	1170	1170	1440	1440
WB	4660	4660	4860	5320	4860	4860	4250	5050
ROH (Frame end)	2045	2045	2125	2135	2125	2125	1865	2015
CA	4104	4104	3964	4764	3964	3964	3624	4424
CE	6149	6149	6089	6899	6089	6089	5489	6439
OH	2510	2510	2515	2510	2565	2605	2815	2815
FR Axle to cab end	556	556	896	556	896	896	626	626

Unit:mm

MODEL	FVR34Q22	FVR34L24	FVR34Q24	FVZ34P24	FVZ34R24	FVZ34P25	FVZ34R25	FTS34L22
REAR TIRE	Dual	Dual	Dual	Dual	Dual	Dual	Dual	Dual
TYPE	Cab Chassis	Cab Chassis	Cab Chassis	Cab Chassis	Cab Chassis	Cab Chassis	Cab Chassis	Cab Chassis
OAL	9475	7775	9475	7825	9540	7825	9540	7630
OW	2400	2400	2400	2400	2400	2400	2400	2400
AW	1970	1970	1970	1965	2965	1965	1965	1965
CW	1850	1850	1850	1850	1850	1850	1850	1790
BW	2460	2475	2475	2475	2475	2475	2475	2335
FOH	1440	1440	1440	1440	1440	1440	1440	1255
WB	5550	4250	5550	5060	5850	5060	5850	4250
ROH (Frame end)	2265	1865	2265	1325	2160	1325	2160	2125
CA	4924	3624	4924	4434	5224	4434	5224	3439
CE	7189	5489	7189	5539	7164	5539	7164	5339
OH	2815	2820	2820	2815	2820	2815	2820	2930
FR Axle to cab end	626	626	626	626	626	626	626	811



ISUZU

ISUZU MOTORS INTERNATIONAL FZE

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ISUZU MOTORS LIMITED reserves the right to change specifications and equipment without notice.
Details of specifications and equipment are also subject to change to meet local conditions and government requirements.
Please inquire at your local ISUZU representative for more complete details of any such changes that may be required.