

**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



4HK1-TCN

### 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

### 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

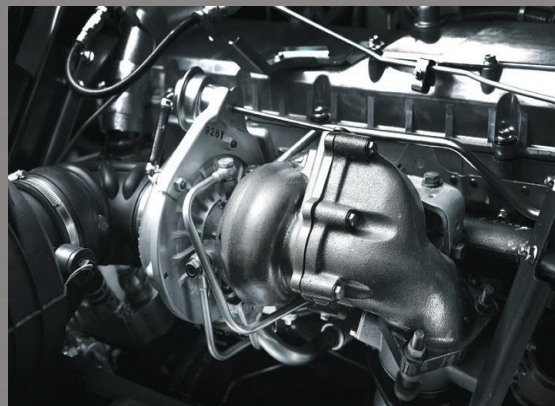
- Displacement 7,790cc
- Max. Output 206kW(280PS)/2,400rpm
- Max. Torque 882N•m(90.0kgf•m) 1,450rpm



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.



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### 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.



# FRR & FVR

Delivering profit to you

## 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

## CHASSIS

Clutch	Type	Dry Single Plate				
	Size [Mm]	14	14	14	14	15
Transmission	Type	MZZ6W	MZZ6N (NEES AMT)	MZZ6W	MZZ6W	MZW6P
	Diameter [mm]	14.5	14.5	14.5	14.5	14.5
Final Gear	Gear Ratio	5.125	5.125	5.125	5.125	4.333
	Type	AOH	AOH	AOH	AOH	AOH
Brake	Parking	Center Brake				
	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					
Tire	Front & Rear	235/75R17.5-132/130				
	Disc Wheel	6STUD 17.5X6.75(137-10)				
Fuel Tank Capacity [Liter]	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

Dry Single Plate					
15	15	15	15	15	
Transmission	MZW6P	MZW6P	MZW6P	MZW6P	
	16.5	16.5	16.5	17.5	
Final Gear	5.571	5.571	5.571	6.143	
	Full Air	Full Air	Full Air	Full Air	
Wheel Park					
Power Assist					
Axle	F063	F063	F063	F063	
	R105	R105	R105	R130	
FR Multi Leaf Suspension & RR Multi Leaf Suspension					
Frame	850mm Straight	850mm Straight	850mm Straight	850mm Straight	
Tire	10.00R20-16PR			295/80R22.5-152/148	
	10STUD 20X7.00T			10STUD 22.5X8.25(165-13)	
Fuel Tank Capacity [Liter]	200L	200L	200L	200L	

# FSR / FVZ / FTS

Delivering  
profit to you



## MAIN SPECIFICATIONS

Class	FSR34N	FVZ34P	FVZ34R
Model	<b>FSR34N22</b>	<b>FVZ34P24</b>	<b>FVZ34R24</b>
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
	Diameter [mm]	14.5	17.5	17.5
Final Gear	Gear Ratio	4.555	6.429	6.429
	Type	AOH	Full Air	Full Air
Brake	Parking	Wheel park	Wheel park	
	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
<b>FVZ34P25</b>	<b>FVZ34R25</b>	<b>FTS34L22</b>
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





**ISUZU**

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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.