



Smooother

AMT

| ISUZU F-SERIES | | FRR 500 AMT | FSR 800 AMT | FSR 750 CREW AMT | FTR 850 AMT |
|---|--------------------|----------------------------|----------------------------|----------------------------|----------------------------|
| ENGINE | | | | | |
| Model | | 4HK1-TCS | 6HK1-TCN | 6HK1-TCN | 6HK1-TCN |
| Type | | Turbocharged & Intercooled | Turbocharged & Intercooled | Turbocharged & Intercooled | Turbocharged & Intercooled |
| Fuel Injection | | Common Rail | Common Rail | Common Rail | Common Rail |
| Emission Standard | | Euro 3 | Euro 3 | Euro 3 | Euro 3 |
| No. of Cylinders | | 4 | 6 | 6 | 6 |
| Bore x Stroke | (mm) | 115 x 125 | 115 x 125 | 115 x 125 | 115 x 125 |
| Displacement | (cm ³) | 5,193 | 7,790 | 7,790 | 7,790 |
| Compression Ratio | (:1) | 17.5 | 16.8 | 16.8 | 16.8 |
| Output | (kW @ r/min) | 154 @ 2 600 | 176 @ 2 400 | 176 @ 2 400 | 176 @ 2 400 |
| Output | (hp @ r/min) | 206 @ 2 600 | 236 @ 2 400 | 236 @ 2 400 | 236 @ 2 400 |
| Torque | (Nm @ r/min) | 637 @ 1 600 | 706 @ 1 450 | 706 @ 1 450 | 706 @ 1 450 |
| CLUTCH | | | | | |
| NO DRIVER OPERATED CLUTCH | | | | | |
| Operation: Hydraulic Fluid Coupling | | | | | |
| TRANSMISSION | | | | | |
| Make / Model | ISUZU | MZW6P | MZW6P | MZW6P | MZW6P |
| 1st Gear Ratio | (:1) | 6.615 | 6.615 | 6.615 | 6.615 |
| 2nd Gear Ratio | (:1) | 4.095 | 4.095 | 4.095 | 4.095 |
| 3rd Gear Ratio | (:1) | 2.358 | 2.358 | 2.358 | 2.358 |
| 4th Gear Ratio | (:1) | 1.531 | 1.531 | 1.531 | 1.531 |
| 5th Gear Ratio | (:1) | 1.000 | 1.000 | 1.000 | 1.000 |
| 6th Gear Ratio | (:1) | 0.722 | 0.722 | 0.722 | 0.722 |
| Reverse Gear Ratio | (:1) | 6.615 | 6.615 | 6.615 | 6.615 |
| PERFORMANCE | | | | | |
| Maximum Speed | (km/h) | 116 | 120 | 120 | 118 |
| Gradeability @ V in 1st Gear (low range) | (%) | 45.1 | 36.3 | 36.3 | 34.59 |
| SUSPENSION | | | | | |
| Front : Multi Leaf Spring | | Yes | Yes | Yes | Yes |
| Stabiliser bar | | Yes | Yes | Yes | Yes |
| Shock Absorbers - Double acting | | Yes | Yes | Yes | Yes |
| Rear : Multi Leaf Main Spring with Helper Spring | | Yes | Yes | Yes | Yes |
| BRAKES | | | | | |
| System | | AOH | AOH | AOH | FULL AIR |
| Park Brake | | Rear Wheels | Rear Wheels | Rear Wheels | Rear Wheels |
| Front | | Drum | Drum | Drum | Drum |
| Rear | | Drum | Drum | Drum | Drum |
| ABS | | Standard | Standard | Standard | Standard |
| Auxillary | | Exhaust Brake | Exhaust Brake | Exhaust Brake | Exhaust Brake |
| STEERING | | | | | |
| Lock to Lock | No of turns | 4.5 | 4.5 | 4.5 | 4.5 |
| Operation | | Power | Power | Power | Power |

ISUZU F-SERIES**FRR
500
AMT****FSR
800
AMT****FSR
750
CREW
AMT****FTR
850
AMT**

| CAB | | | | | |
|------------------------------------|----------|--|-------------|-------------|--------------|
| Control | | Forward | Forward | Forward | Forward |
| Tilt Torsion Bar Assistance | | Yes | Yes | Yes | Yes |
| Tilt Electro Hydraulic | | No | No | Yes | No |
| WHEELS & TYRES | | | | | |
| Type | | Radial | Radial | Radial | Radial |
| Tubeless | | Yes | Yes | Yes | Yes |
| Tyre Size (Front) | | 235/75R17.5 | 265/70R19.5 | 265/70R19.5 | 11R22.5-16PR |
| Tyre Size (Rear) | | 235/75R17.5 | 265/70R19.5 | 265/70R19.5 | 11R22.5-16PR |
| Wheel Size (Front) | | 17.5x6.00 | 19.5x6.75 | 19.5x6.75 | 8.25x22.5 |
| Wheel Size (Rear) | | 17.5x6.00 | 19.5x6.75 | 19.5x6.75 | 8.25x22.5 |
| FUEL TANK (lockable) | | | | | |
| Capacity | (Litres) | 200 | 200 | 200 | 200 + 200 |
| FRONT AXLE | | | | | |
| Model | | F036 | F050 | F050 | F063 |
| Type | | Reverse Elliot I-Beam | | | |
| REAR AXLE | | | | | |
| Model | | R077 | R090 | R090 | R092 |
| Type | | Single Reduction Banjo Type, Fully Floating, Integral Shaft & Drive Flange | | | |
| Final Drive Ratio | (:1) | 4.875 | 4.555 | 4.555 | 5.875 |
| ELECTRICAL SYSTEM | | | | | |
| System Voltage | (V) | 24 | 24 | 24 | 24 |
| Alternator | Amps | 60 | 60 | 60 | 60 |
| DIMENSIONS (mm) | | | | | |
| OL – Overall Length | | 7,425 | 8,605 | 9,155 | 9,255 |
| OW – Overall Width | | 2,120 | 2,120 | 2,200 | 2,400 |
| OH – Overall Height | | 2,530 | 2,610 | 2,690 | 2,790 |
| WB – Wheelbase | | 4,360 | 5,160 | 5,560 | 5,550 |
| FOH – Front Overhang | | 1,170 | 1,170 | 1,170 | 1,440 |
| ROH – Rear Overhang | | 1,895 | 2,275 | 2,425 | 2,265 |
| BW – Rear Axle Width | | 2,170 | 2,225 | 2,225 | 2,426 |
| FT – Front Track | | 1,790 | 1,810 | 1,810 | 1,975 |
| RT – Rear Track | | 1,660 | 1,700 | 1,700 | 1,820 |
| EH – Chassis Rear End Height | | 955 | 930 | 928 | 1,080 |
| CWF – Front Chassis Width | | 840 | 840 | 840 | 850 |
| CWR – Rear Chassis Width | | 840 | 840 | 840 | 850 |
| HH – Rear Ground Clearance | | 186 | 221 | 221 | 275 |
| CE – Cab to Chassis End | | 5,699 | 6,539 | 6,398 | 7,189 |
| CA – Cab to Axle | | 3,804 | 4,264 | 3,973 | 4,924 |
| GP – Minimum Body Gap | | 90 | 90 | 125 | 90 |
| Turning Circle (curb to curb) | | 13.56 | 17.65 | 19.8 | 18.44 |
| MASS DATA (kg) | | | | | |
| Manufacturer's GVM | | 11,000 | 13,500 | 13,500 | 15,000 |
| Permissible Gross Mass (V) | | 11,000 | 13,500 | 13,500 | 15,000 |
| Manufacturer's GCM | | 16,000 | 18,000 | 18,000 | 24,000 |
| Permissible Combination Mass (D/T) | | 16,000 | 18,000 | 18,000 | 24,000 |
| Front Axle Tare Mass | | 2,020 | 2,380 | 2,650 | 3,080 |
| Rear Axle Tare Mass | | 1,200 | 1,470 | 1,520 | 1,810 |
| Total Tare Mass | | 3,220 | 3,850 | 4,170 | 4,890 |
| Gross Axle Mass Load - Front (GA1) | | 3,600 | 5,000 | 5,000 | 6,300 |
| Gross Axle Mass Load - Rear (GA2) | | 7,700 | 9,000 | 9,000 | 9,200 |
| Gross Axle Mass Load - Rear (GA3) | | NA | NA | NA | NA |
| Permissible Axle Load - Front (A1) | | 3,600 | 5,000 | 5,000 | 6,300 |
| Permissible Axle Load - Rear (A2) | | 7,600 | 9,000 | 9,000 | 9,000 |
| Permissible Axle Load - Rear (A3) | | NA | NA | NA | NA |
| Tyre Capacity - Front | | 4,000 | 5,000 | 5,000 | 6,300 |
| Tyre Capacity - Rear | | 7,600 | 9,440 | 9,440 | 11,600 |
| Approx. Body & Payload | | 9,800 | 12,030 | 11,980 | 13,190 |

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E&OE.

