

FRR 550

ISUZU
TRUCKS
For the long run

ENGINE

| | | |
|--------------------|--------------------|------------------------------------------------------|
| Model | | 6HK1-TCN |
| Type | | TURBOCHARGED & INTERCOOLED |
| Fuel Injection | | Common Rail |
| Emmision Standard | | Euro 2 |
| No. of Cylinders | | 6 |
| Bore x Stroke | (mm) | 115 x 125 |
| Displacement | (cm ³) | 7 790 |
| Compression Ratio | (:1) | 16.8 |
| Output | (kW @ r/min) | 176 @ 2 400 |
| Output | (hp @ r/min) | 236 @ 2 400 |
| Torque | (Nm @ r/min) | 706 @ 1 450 - 2 600 |
| Filtration - Fuel: | | PRIMARY FILTER WITH WATER TRAP PLUS SECONDARY FILTER |
| Filtration - oil: | | SINGLE |

CLUTCH

| | | |
|---------------------|--------------------|--------------------------------|
| Diameter | (mm) | 380 |
| Total Friction Area | (cm ²) | 1 363 |
| Operation | | AIR ASSISTED HYDRAULIC CONTROL |

TRANSMISSION

| | | |
|--------------------|------|---------------------|
| Make / Model | | MZW6P |
| Type | | 6 Speed synchromesh |
| Controls | | Manual Gearshift |
| Crawler Gear Ratio | (:1) | N/A |
| 1st Gear Ratio | (:1) | 6.615 |
| 2nd Gear Ratio | (:1) | 4.095 |
| 3rd Gear Ratio | (:1) | 2.358 |
| 4th Gear Ratio | (:1) | 1.531 |
| 5th Gear Ratio | (:1) | 1.000 |
| 6th Gear Ratio | (:1) | 0.722 |
| Reverse Gear Ratio | (:1) | 6.615 |

PERFORMANCE

| | | |
|------------------------------------------|--------|------|
| Maximum Speed (Calculated) | (km/h) | 121 |
| Gradeability @ V in 1st Gear (low range) | (%) | 47.3 |

SUSPENSION

| | |
|---------------------------------------------------------|-----|
| Front : Multi Leaf Spring | YES |
| Stabiliser bar | YES |
| Shock Absorbers - Double acting | YES |
| Rear : Multi Leaf Main Spring with Helper Spring | YES |
| Stabiliser bar | NO |
| Shock Absorbers - Double acting | NO |

BRAKES

| | | |
|---------------------------|-------|---------------|
| System | | AOH |
| Park Brake | | REAR WHEELS |
| Front | | DRUM |
| Rear | | DRUM |
| ABS | | STANDARD |
| ASR | | NO |
| Auxillary | | EXHAUST BRAKE |
| Auto Slack adjusters | | STANDARD |
| Total Friction Area Front | (cm2) | 1608 |
| Total Friction Area Rear | (cm2) | 2915 |
| Retarder | | |

STEERING

| | | |
|---------------------|------|-----------|
| Operation | | POWER |
| Ratio | (:1) | 16.1-18.8 |
| Adjustable Steering | | YES |

CAB

| | | |
|---------------------------------------|--|---------|
| Control | | FORWARD |
| Adjustable Drives Seat | | YES |
| Air Suspension Drive Seat | | YES |
| Fixed Assistants Seat and Centre Seat | | YES |
| Heater and Demister | | YES |
| Cigarette Lighter (24V) | | YES |
| Tilt | | YES |
| Tilt Torsion Bar Assistance | | NO |

WHEELS & TYRES

| | | |
|---------------------------|--|-------------|
| Type | | RADIAL |
| Tubeless single piece rim | | YES |
| Tyre Size (Front) | | 235/75R17.5 |
| Tyre Size (Rear) | | 235/75R17.5 |
| Wheel Size (Front) | | 17.5x6.00 |
| Wheel Size (Rear) | | 17.5x6.00 |
| No. of Studs | | 6 |

FUEL TANK (Lockable)

| | | |
|------------------------|----------|-----|
| Capacity | (Litres) | 200 |
| Lockable Fuel Tank Cap | | Yes |

FRONT AXLE

| | | |
|--------------------------------|--|------|
| Model | | F036 |
| Type : Reverse "Elliot" I-Beam | | Yes |

REAR AXLE

| | | |
|-------------------------------------------------------------------|------|-------|
| Model | | R077 |
| Type : Single banjo, Full Floating, Integral Shaft & Drive Flange | | Yes |
| Final Drive Ratio | (:1) | 4.333 |

ELECTRICAL SYSTEM

| | | |
|----------------|-----|--------------|
| System Voltage | (V) | 24 |
| Alternator | Amp | 60 |
| Starter Motor | kW | 5 |
| Batteries | | 2 X 12V 70Ah |

AIR INTAKE

| | | |
|----------------------|--|-------------|
| Intake | | RR Vertical |
| Primary Air Filter | | YES |
| Secondary Air Filter | | YES |
| Make: | | DONALDSON |
| Service Indicator | | NO |

DIMENSIONS (mm)

| | |
|-------------------------------|-------|
| OL – Overall Length | 7 705 |
| OW – Overall Width | 2 120 |
| OH – Overall Height | 2 530 |
| WB – Wheelbase | 4 660 |
| FOH – Front Overhang | 1 170 |
| ROH – Rear Overhang | 1 875 |
| BW – Rear Axle Width | 2 173 |
| FT – Front Track | 1 790 |
| RT – Rear Track | 1 660 |
| EH – Chassis Rear End Height | 950 |
| CWF - Front Chassis Width | 840 |
| CWR – Rear Chassis Width | 840 |
| HH – Rear Ground Clearance | 186 |
| CE – Cab to Chassis End | 5 639 |
| CA – Cab to Axle | 3 764 |
| GP – Minimum Body Gap | 89 |
| Turning Circle (curb to curb) | 14.49 |

MASS DATA (kg)

| | |
|------------------------------------|--------|
| Manufacturer's GVM | 11 000 |
| Permissible Gross Mass (V) | 11 000 |
| Manufacturer's GCM | 16 000 |
| Permissible Combination Mass (D/T) | 16 000 |
| Front Axle Tare Mass | 2 190 |
| Rear Axle Tare Mass | 1 250 |
| Total Tare Mass | 3 440 |
| Gross Axle Mass Load - Front (GA1) | 3 600 |
| Gross Axle Mass Load - Rear (GA2) | 7 700 |
| Permissible Axle Load - Front (A1) | 3600 |
| Permissible Axle Load - Rear (A2) | 7600 |
| Tyre Capacity - Front | 4 000 |
| Tyre Capacity - Rear | 7 600 |
| Approx. Body & Payload | 7 560 |

WARRANTY

| | |
|---------------|--------------------------|
| New Vehicle | 24 MONTHS / UNLIMITED KM |
| Cab Corrosion | 36 MONTHS / UNLIMITED KM |

OPTIONAL

| | |
|----------------------|---------------------------------------------------------|
| Aircon | AVAILABLE |
| PTO Fail Safe system | Compulsary fitment to any operation that requires a PTO |
| Radio / CD / (24V) | AVAILABLE |
| Techo Graph | AVAILABLE |

MISCELLANEOUS EQUIPMENT

| | |
|----------------------------------------|-----|
| Jack, warning triangle, basic tool kit | YES |
| Owners handbook & service hand booklet | YES |
| Rear Chevron board | YES |

Specifications correct at time of publish. E & OE.