

FVZ 1400 COMPACTOR

ISUZU
TRUCKS
For the long run

ENGINE

| | | |
|--------------------|--------------------|--|
| Model | | 6HK1-TCS |
| 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) | 206 @ 2 400 |
| Output | (hp @ r/min) | 276 @ 2 400 |
| Torque | (Nm @ r/min) | 882 @ 1 450 |
| 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 | | ZF9S1110 |
| Type | | 9 Speed synchromesh |
| Controls | | Manual Gearshift |
| Crawler Gear Ratio | (:1) | 9.479 |
| 1st Gear Ratio | (:1) | 6.580 |
| 2nd Gear Ratio | (:1) | 4.700 |
| 3rd Gear Ratio | (:1) | 3.480 |
| 4th Gear Ratio | (:1) | 2.620 |
| 5th Gear Ratio | (:1) | 1.890 |
| 6th Gear Ratio | (:1) | 1.350 |
| 7th Gear Ratio | (:1) | 1.000 |
| 8th Gear Ratio | (:1) | 0.750 |
| Reverse Gear Ratio | (:1) | 8.970 |

PERFORMANCE

| | | |
|--|--------|-------|
| Maximum Speed (Calculated) | (km/h) | 110 |
| Gradeability @ V in 1st Gear (low range) | (%) | 27.22 |

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 | | FULL AIR |
| Park Brake | | REAR WHEELS |
| Front | | DRUM |
| Rear | | DRUM |
| ABS | | STANDARD |
| ASR | | NO |
| Auxillary | | EXHAUST BRAKE |
| Auto Slack adjusters | | STANDARD |
| Total Friction Area Front | (cm2) | 2679 |
| Total Friction Area Rear | (cm2) | 3014 |

STEERING

| | | |
|---------------------|------|-------|
| Operation | | POWER |
| Ratio | (:1) | 22.4 |
| 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) | | 295/80R22.5 |
| Tyre Size (Rear) | | 295/80R22.5 |
| Wheel Size (Front) | | 8.25x22.5 |
| Wheel Size (Rear) | | 8.25x22.5 |
| No. of Studs | | 10 |

FUEL TANK (Lockable)

| | | |
|------------------------|----------|-----|
| Capacity | (Litres) | 400 |
| Lockable Fuel Tank Cap | | Yes |

FRONT AXLE

| | | |
|--------------------------------|--|------|
| Model | | F071 |
| Type : Reverse “Elliot” I-Beam | | Yes |

REAR AXLE

| | | |
|---|------|-------|
| Model | | RT210 |
| Type : Single banjo, Full Floating, Integral Shaft & Drive Flange | | Yes |
| Final Drive Ratio | (:1) | 6.143 |

ELECTRICAL SYSTEM

| | | |
|----------------|-----|---------------|
| System Voltage | (V) | 24 |
| Alternator | Amp | 60 |
| Starter Motor | kW | 5 |
| Batteries | | 2 X 12V 110Ah |

AIR INTAKE

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

| DIMENSIONS | | (mm) |
|--|---|--------------------------|
| OL – Overall Length | | 9 730 |
| OW – Overall Width | | 2 400 |
| OH – Overall Height | | 2 790 |
| WB – Wheelbase | | 5 700 |
| FOH – Front Overhang | | 1 440 |
| ROH – Rear Overhang | | 2 590 |
| BW – Rear Axle Width | | 2 460 |
| FT – Front Track | | 1 975 |
| RT – Rear Track | | 1 845 |
| EH – Chassis Rear End Height | | 1 075 |
| CWF - Front Chassis Width | | 850 |
| CWR – Rear Chassis Width | | 850 |
| HH – Rear Ground Clearance | | 245 |
| CE – Cab to Chassis End | | 7 664 |
| CA – Cab to Axle | | 5 074 |
| GP – Minimum Body Gap | | 74 |
| Turning Circle (curb to curb) | | 20.94 |
| MASS DATA | | (kg) |
| Manufacturer's GVM | | 26 000 |
| Permissible Gross Mass (V) | | 26 000 |
| Manufacturer's GCM | | 36 000 |
| Permissible Combination Mass (D/T) | | 36 000 |
| Front Axle Tare Mass | | 3 340 |
| Rear Axle Tare Mass | | 3 950 |
| Total Tare Mass | | 7 290 |
| Gross Axle Mass Load - Front (GA1) | | 7 100 |
| Gross Axle Mass Load - Rear (GA2) | | 10 500 |
| Permissible Axle Load - Front (A1) | | 7100 |
| Permissible Axle Load - Rear (A2) | | 20400 |
| Tyre Capacity - Front | | 7 100 |
| Tyre Capacity - Rear | | 25 200 |
| Approx. Body & Payload | | 18 710 |
| 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.

January 2013