

# F-SERIES

## Specification Sheet

# FTR 850 TIPPER



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# ISUZU

*With you, for the long run*

# FTR 850 TIPPER

## AXLE LAYOUT

## 4X2

## CONTROL

## FORWARD

| MASS                                   |  |
|--|--|
| Permissible Body + Payload (kg)        | 10 660                                 |
| Tare Total (T) (kg)                    | 4 640                                  |
| Front Tare (kg)                        | 3 030                                  |
| Rear Tare (kg)                         | 1 610                                  |
| GVM (kg)                               | 15 500                                 |
| V (kg)                                 | 15 300                                 |
| GCM (kg)                               | 24 000                                 |
| D/T (kg)                               | 24 000                                 |
| Front Axle - GA/GAU (kg)               | 6 300                                  |
| Front Axle - A/AU (kg)                 | 6 300                                  |
| Rear Axle - GA/GAU (kg)                | 9 200                                  |
| Rear Axle - A/AU (kg)                  | 9 000                                  |
| Litres of Fuel Tank 1 Included in Tare | 15                                     |
| Litres of Fuel Tank 2 Included in Tare | 0                                      |
| Tools Included in Tare                 | Jack, Warning Triangle, Basic Tool Kit |
| Spare Wheel Included in Tare           | Yes                                    |
| PERFORMANCE                            |  |
| Gradeability @ V (%)                   | 35                                     |
| Gradeability @ D/T (%)                 | 22                                     |
| Max. Geared Road Speed (Without SLD)   | 118                                    |
| Max. Allowable Speed (SLD for SA)      | 80                                     |
| MAJOR DIMENSIONS                       |  |
| Overall Length                         | 6 755                                  |
| Overall Width (mm)                     | 2 400                                  |
| Wheelbase (mm)                         | 3 900                                  |
| CA - Cab to Bogie / Rear Axle (mm)     | 3 274                                  |
| CE - Cab to End of Chassis (mm)        | 4 689                                  |
| OH - Overall Height (mm)               | 2 610                                  |
| FOH - Front Overhang (mm)              | 1 440                                  |
| ROH - Rear Overhang (mm)               | 1 415                                  |
| Rear Axle Bogie Spacing (mm)           | N/A                                    |
| 1/2 Rear Axle Bogie Spacing (mm)       | N/A                                    |
| EH - Chassis Rear End Height (mm)      | 1 080                                  |
| HH - Ground Clearance (mm)             | 275                                    |
| Rear Chassis Width (mm)                | 850                                    |
| Turning Radius - Curb to Curb (mm)     | 9 000                                  |
| Turning Radius - Wall to Wall (mm)     | 9 950                                  |

| ENGINE                    |                                      |
|---------------------------|--------------------------------------|
| Make                      | Isuzu                                |
| Model                     | 6HK1-TCN                             |
| Capacity (cm³)            | 7 790                                |
| Layout                    | Diesel Inline-6                      |
| Type                      | Turbocharged Intercooled Common Rail |
| Power @ r/min (kW)        | 176 @ 2 400                          |
| Torque @ r/min (Nm)       | 706 @ 1 450 – 2 400                  |
| Standard Emissions        | Euro 2                               |
| CLUTCH                    |                                      |
| Make                      | Exedy                                |
| Model                     | 380                                  |
| Type                      | Single                               |
| Diameter (mm)             | 381                                  |
| Operation                 | Hydraulic Air-Assisted               |
| TRANSMISSION              |                                      |
| Make                      | Isuzu                                |
| Model                     | MZW6P                                |
| Type                      | Synchromesh                          |
| Shift                     | Manual Gearshift                     |
| No. of Gears Forward      | 6                                    |
| First Gear Ratio : 1      | 6.615                                |
| Top Gear Ratio : 1        | 0.722                                |
| Permanant 4x4             | No                                   |
| Central Differential lock | No                                   |
| Limited Slip differential | No                                   |
| PTO (Power Take-Off)      | Optional                             |
| DRIVE AXLE                |                                      |
| Make                      | Isuzu                                |
| Axle Model - Front        | F063                                 |
| Drive Axle Model - Rear   | R092                                 |
| Reduction Type            | Standard                             |
| Final Ratio : 1           | 5.875                                |
| SUSPENSION                |                                      |
| Front                     | Multi-Leaf Springs                   |
| Rear                      | Multi-Leaf Springs                   |
| Shock Absorbers           | Front                                |
| Stabilisers               | Front                                |

| STEERING                       |                 |
|--------------------------------|-----------------|
| Operation                      | Power           |
| BRAKES                         |                 |
| System Type                    | Full Air        |
| Front                          | Drums           |
| Rear                           | Drums           |
| Anti-Lock Braking System (ABS) | Standard        |
| Park / Emergency System        | Spring          |
| Exhaust Brake                  | Standard        |
| Engine Brake                   | No              |
| Retarder                       | No              |
| ELECTRICAL & FUEL              |                 |
| Fuel Tank 1 Capacity (Litres)  | 200             |
| Fuel Tank 2 Capacity (Litres)  | 0               |
| TYRES                          |                 |
| Size & Ply Rating - Front      | 11 R22.5 - 16PR |
| Size & Ply Rating - Rear       | 11 R22.5 - 16PR |
| CAB & EXTRAS                   |                 |
| Type                           | Medium          |
| Roof                           | Low             |
| No. of Bunks                   | 0               |
| No. of Seats                   | 3               |
| Air-Conditioning               | Optional        |
| Radio / CD / Speakers          | Optional        |
| Central Locking                | Standard        |
| Electric Windows               | Standard        |
| Tachograph                     | Optional        |
| On-Board Computer              | No              |
| Tilt Cab                       | Yes             |