KEY FEATURES

- Factory 3.6m & 4.0m Length Tipper Body
- Cruise Control
- ABS Brakes
- Easy Start – Take-off Assist
- Brake Lock System
- Drivers SRS Airbag
- Heated & Electrically Operated External Mirrors
- FUP (ADR 84/00 Complied)
- ISRI 6800 Driver seat with integrated Safety Belt

KEY SPECIFICATIONS

- GVM: 10,400kg (Optional derate to 8,000kg)
- GCM: 16,000kg
- Power: 162kW @ 2400 RPM
- Torque: 647Nm @ 1500 RPM
- Transmission: Six-speed synchronmesh
- Wheelbase: 3420mm (Compact – 3.6) 3850mm (Short – 3.6 & 4.0)

* Illustration may contain item not standard to the model

ADR 80/03 Model
4 x 2 Tipper

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**ENGINE**

- Model: Hino J07E-TR
- Max. output (ISO NET): 162kW (220 PS) at 2400 RPM
- Max. output (JIS GROSS): 165kW (225 PS) at 2400 RPM
- Max. torque (ISO NET): 647Nm (51kgf/m) at 1500 RPM
- Max. torque (JIS GROSS): 667Nm (52kgf/m) at 1500 RPM
- Max. engine speed: 2400 RPM
- Engine oil capacity: 11.7L
- Fuel injection system: Electronic control common-rail type
- Coolant capacity: 25L
- Air cleaner: Dual paper elements

**CLUTCH**

- Model: CS-350 series
- Type: Dry single plate with damper springs
- Facing material: Moulded (non-asbestos)
- Facing outside diameter: 350mm
- Control: Hydraulic with air booster

**TRANSMISSION & GEAR RATIOS**

- Model: LX06S Overdrive
- Type: Six forward and one reverse speeds, synchromesh on 2nd to 6th
- Control: Cable with power shift
- 1st: 6.098, 2nd: 3.858, 3rd: 2.340, 4th: 1.422, 5th: 1.000, 6th: 0.761, Rev.: 5.672

**PERFORMANCE**

- Engine RPM @ 100km/h: 2125
- Max theoretical speed (km/h): 112
- Gradeability tan (°) @ GVM: 39.9
- Rear axle ratio: 4.33:1

**BRAKES**

- Type: Hydraulic system with two leading shoes for front and rear acting on all wheels
- Control: Air over hydraulic, dual circuits
- Drum diameter x lining: Front: 320 x 110mm, Rear: 320 x 145mm
- Air dryer: Equipped
- ABS: Equipped
- ASR (Anti Slip Regulator): Equipped
- Brake lock system: Equipped
- Parking brake: Mechanical, internal, expanding acting on transmission output shaft
- Exhaust brake: Electric-pneumatic with valve in exhaust pipe
- Easy Start: Equipped

**AXLE LOAD & TYPE**

- Axle load limit: 3600kg
- Front axle: LF366 series, Reversed Elliot I Beam
- Rear axle: SH13 full-floating, single reduction, single-speed hypoid

**SUSPENSION**

- Front suspension: Semi-elliptic tapered leaf springs with shock absorbers
- Size: 1300 span x 70mm width
- Rear suspension: Semi-elliptic main & auxiliary leaf springs
- Main springs: 1300 span x 70mm width
- Auxiliary springs: 900mm span x 70mm width

**WHEELS & TYRES**

- Wheel type: Six-stud disc wheel (JIS type) PCD 222.25
- Rim size: 6.75 x 17.5 – offset 135mm
- Tyre size: 9.5R17.5-129/127
- Number of tyres: Seven (including one spare tyre)
- Spare tyre carrier: Equipped

**FUEL TANK**

- Capacity: 200L
- Fuel pre-filter & sediment: Equipped
- Fuel tank cap key: Equipped
FC 1022 Tipper
Cab, Instrumentation & Chassis

**CAB DETAILS**

- Type: Forward control, all-steel construction with torsion bar tilt mechanism
- Drivers SRS Airbag: Equipped with Pretensioner Seatbelt
- Seating capacity: Three
- Driver’s seat: ISRI 6800 with urethane foam pads, high-back, lumbar support, multi-adjustable, air suspended, with integrated safety belt
- Side passenger’s seat: Urethane foam pads, high-back and reclining seat with fabric cover and under-tray
- Centre passenger’s seat: Urethane foam pads & foldaway type with seat back tray and fabric cover
- Seat belt: Three-point type on driver’s & side passenger’s seat, 2-point type on centre passenger’s seat
- Sun visor & overhead console: For driver & passenger sides
- Windshield wipers: Electric, dual, intermittent and 2-speed
- Ventilator: Forced type by electric blower
- Rear view mirrors: External: Electric & heated, two flat type, two convex spotter
- Cigarette lighter (24V): Equipped
- Floor mat: Vinyl type
- Front air spoiler: Equipped
- Central locking & keyless entry: Equipped with immobiliser
- Heater & defroster: Standard
- Air conditioner: Standard
- Trim: Full trim type (side, roof and back)
- Cab pockets: Equipped on both door sides
- Power windows: Equipped
- Car audio: DAB AM/FM radio with CD & DVD player and Bluetooth
- Speakers: Driver & passenger sides
- Foot rest: Equipped
- Easy Start: Equipped
- Engine control link: Equipped
- Cup holder: Equipped
- Cruise Control: Equipped

**ELECTRICAL**

- Type: 24V, negative earth
- Batteries: 2 x 12V, series connection. Capacity 65Ah at 20-hour rate
- Alternator type: Brushless with built-in rectifier and voltage regulator. Capacity 24V, 60A
- Starter type: 24V, 4.5kW
- Headlamps: Halogen type including fog lamps
- High/Low beam: Equipped
- Fluorescent reading lamp: Equipped
- Electric horn: Equipped

**POWER & TORQUE CHART (ISO Net) J07E-TR**

**INSTRUMENTS**

1. Meters & gauges
   - Speedometer with trip meter
   - Odometer
   - Tachometer
   - Directional indicator, dimmer
   - Fuel gauge
   - Coolant temperature gauge
   - Air pressure gauge

2. Switches
   - One-key starting-stopping
   - Horn button
   - 12V electric source
   - PTO Engagement switch
   - Tipper control Raise / Hold & Lower lever

3. Warning, pilot lamps & buzzers
   - Oil pressure warning lamp & buzzer

4. Others
   - Engine over-run warning buzzer
   - Coolant level warning lamp & buzzer
   - Brake fluid level warning lamp & buzzer
   - Brake adjustment warning lamp & buzzer
   - High beam indicator lamp
   - Turn signal indicator lamp
   - Parking brake indicator lamp
   - Seat belt warning lamp & buzzer
   - Exhaust brake indicator lamp
   - Engine control system warning lamp
   - Hazard indicator lamp
   - Back-up warning buzzer

**STEERING**

- Type: Telescopic & tilt steering column with locking device. Recirculating ball with Integral Power Steering
- Gear ratio: 18.6:1
- Steering angle: Inside: 50-53°, Outside: 39°

**CHASSIS FRAME / TIPPER PLATING**

- Type: Ladder-shaped channel-section side rails
- Rear chassis width: 820mm
- Max. section (depth x range x thickness): 229.4 x 78 x 5.7mm (Compact)
  - 228.4 x 73 x 5.2 (Short 3.6 & 4.0)
- Tensile strength: 540N/mm² (55kgf/mm²)
- Hooks: Equipped for front & rear
- Steel plate deck thickness: 6.0mm
- Side, front & tailgate: 3.2mm
- Factory FUP: Equipped
**DIMENSIONS**

<table>
<thead>
<tr>
<th>Model</th>
<th>Dimensions (mm)</th>
<th>Capacities</th>
</tr>
</thead>
<tbody>
<tr>
<td>FC 1022 Tipper</td>
<td>-</td>
<td>-</td>
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<td>-</td>
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</tr>
<tr>
<td><strong>Production code</strong></td>
<td><strong>Wheelbase</strong></td>
<td><strong>Engine driven PTO</strong></td>
</tr>
<tr>
<td>FC7JEMA-ANU D</td>
<td>3.6m³</td>
<td>1:108</td>
</tr>
<tr>
<td>FC7JGMA-ANU 4.0 D</td>
<td>3.6m³</td>
<td>1:108</td>
</tr>
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<td>4.0m³</td>
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</tr>
</tbody>
</table>

**GENUINE ACCESSORY OPTIONS**

- Bull bar
- Stoneguard
- Chrome wheel covers
- Sunvisor
- Sat Nav
- Timber dash panel
- Rear vision camera (up to 3)
- Tarp
- Roof scoop
- Engine driven PTO 1:108 step-up
- Side skirts

Please check with your dealer for price, availability & fitment for these options.

**WARRANTY**

New vehicle warranty period

<table>
<thead>
<tr>
<th>Medium Duty Model</th>
<th>Axle configuration</th>
<th>Standard warranty (whichever comes first)</th>
<th>Cab corrosion perforation</th>
</tr>
</thead>
<tbody>
<tr>
<td>500 FC 1022 Tipper</td>
<td>4 x 2</td>
<td>3 years or 150,000km</td>
<td>36 months</td>
</tr>
</tbody>
</table>

Battery warranty – 12 months from date of delivery

Genuine parts or accessories warranty – 3 years unlimited kilometres when fitted by an authorised Hino dealer *

* For conditions, refer to the Hino Parts & Senior warranty brochure

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