Amazing power, yet substantially
"Number one lowest height vehicle in the

Improved Drawbar Pull
and Gradeability

Max. Drawbar Pull

119kN (12,100kgf) (26,680lbf)
(FD180-2 with load)

Gradeability at 1.6km/h (1mph)
20% (11.5° slope)
(FD180-2 with load)
Three Speed Automatic Transmissions
By automated speed control, you can comfortably drive the truck just same as passenger cars.

A. Finger Touch Shift Lever
Soft touch lever changes, achieved by magnetic valves.

B. Easy Drive Mode Selections
Interchangeable by simple switch operations between power mode (1st → 2nd → 3rd gear) and economy mode (2nd → 3rd gear)

C. Constant Travel Speed
By a dial switch, able to get the most suitable speed you require.
(1st, 2nd, and automatic changing speeds)

D. Combined Type Switch Lever
(Lighting and Turn Signal)
Turn-signal with self-cancelling mechanism

New Integrated Instrument Panel

Sufficient Fuel Tank
One time refueling able to achieve longtime operation.
Tank capacity increased to 400 liters from 300 liters.

Deluxe Multi-Functional Driver Seat with Suspension (Optional)
Forward and backward slidings, up and down as well as turnable functions.

Large Capacity Air Conditioner (Optional)
4000kcal/h
Improved Visibility by Pillor-less Cabin (Optional)

No front nor rear pillars secure wider visibility. Front visibility improved by 10 percent.
(compared to conventional models)

No pillar cabin substantially contributes to increasing safety at cargo handlings as well as when traveling.

Excellent visibility 115°

Improved Rear Visibility

Rear visibility improved by newly designed counter balance weight.

New Electric Parking Brake

Brake to be easily on by soft-touch electric switch - only 0.5kg.

Dependable Wet-Disc Parking Brake

No pad adjustments substantially contribute to saving of annual maintenance cost.

Brake Line with an Air Dryer as Standard Equipment.

Dry pressurized air prevents malfunctioning of machines as well as freezing brake-line.
The Newly Innovated Engine.

It's clearing the second stage emission controls in three major industrial regions in the world (the U.S., Europe & Japan)

Powerful Engine

125kW(170PS)/2200r.p.m
(SAE GROSS 172HP/2200r.p.m)
TCM retains the right to change these products and specifications without incurring any obligation relating to such changes.
Those products and specifications are subject to change without notice.
Photos and illustrations may or may not include optional equipment and accessories.
### Wide View Mast

<table>
<thead>
<tr>
<th>Mast Model</th>
<th>Capacity</th>
<th>Max. Fork Height</th>
<th>Overall Mast Height (lowered)</th>
</tr>
</thead>
<tbody>
<tr>
<td>VM300</td>
<td>kg</td>
<td>lbs</td>
<td>kg</td>
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<tr>
<td>VM350</td>
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<tr>
<td>VM600</td>
<td>14000</td>
<td>31000</td>
<td>15000</td>
</tr>
</tbody>
</table>

### Standard Equipment and Accessories

#### Equipment
- Adjustable suspension seat with seat belt
- Air dryer for brake line
- Cartridge type air, fuel, engine oil, converter oil and hydraulic filters
- Coolant recovery system
- Cyclopak type double element air cleaner
- Cylinder type bonnet latch
- Drawbar pin
- Durable overhead guard
- Electrically-controlled parking brake
- Engine after glow system
- Engine auto glow system
- Engine oil dipstick
- Fork positioner (manual type)
- Front dual drive wheels
- Full hydrostatic power steering
- Hydraulic oil gauge (view level)
- ISUZU diesel engine with turbo-charger
- Lift circuit cut-off valve
- Load check valve
- Overhead exhaust system
- Pneumatic tires
- Power brake booster
- TCM automatic 3-speed powershift transmission
- Tilt adjustable steering post
- Tilt lock valve
- Torque converter oil dipstick
- Wide view mast
- 1830mm forks (FD160/FD180/FD200)
- 2440mm forks (FD230)

#### Accessories
- Back-up buzzer
- Electric horn
- Head lights
- Operator tool kit
- Rear combination lights (turn signal, tail, stop, back-up and side lights)
- Rear reflectors
- Rear under-view mirror
- Rear view mirrors
- Seat adjust lever
- Turn signal lights (front)

#### Switch & Controls
- Automatic transmission mode select switch (power mode / economy mode)
- Electrically-controlled direction change lever (inc. Neutral safety lock device)
- Electrically-controlled parking brake switch
- Lift lever
- Light switch
- Preheater switch (inc. starter, main switch)
- Speed change hold switch
  (1st fixed / 2nd fixed / Automatic speed shift)
- Tilt lever
- Turn signal lever

### Optional Equipment and Accessories

#### Equipment
- Fork positioner (hydraulic motor type)
- CFC free air-conditioner
- Exhaust purifying muffler
- Heater & defroster

#### Accessories
- High mast
- Long forks
- Side shifting device
- Steel cabin

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