### Basic Dimensions

<table>
<thead>
<tr>
<th>Dimension</th>
<th>Hyundai</th>
<th>Mitsubishi S6S-T</th>
<th>Mitsubishi S6S-T Dual Fuel</th>
<th>Hyundai 31-7E</th>
<th>Mitsubishi S6S-T Dual Fuel</th>
</tr>
</thead>
<tbody>
<tr>
<td>Overall length</td>
<td>4.8</td>
<td>4.8</td>
<td>4.8</td>
<td>4.8</td>
<td>4.8</td>
</tr>
<tr>
<td>Overall height</td>
<td>2.5</td>
<td>2.5</td>
<td>2.5</td>
<td>2.5</td>
<td>2.5</td>
</tr>
<tr>
<td>Fork carriage</td>
<td>2.4</td>
<td>2.4</td>
<td>2.4</td>
<td>2.4</td>
<td>2.4</td>
</tr>
<tr>
<td>Mast / fork carriage tilt forward / backward</td>
<td>13.0 / 13.0</td>
<td>13.0 / 13.0</td>
<td>13.0 / 13.0</td>
<td>13.0 / 13.0</td>
<td>13.0 / 13.0</td>
</tr>
</tbody>
</table>

### Weights

<table>
<thead>
<tr>
<th>Weight</th>
<th>Hyundai</th>
<th>Mitsubishi S6S-T</th>
<th>Mitsubishi S6S-T Dual Fuel</th>
<th>Hyundai 31-7E</th>
<th>Mitsubishi S6S-T Dual Fuel</th>
</tr>
</thead>
<tbody>
<tr>
<td>Load capacity / rated load</td>
<td>10,000</td>
<td>10,000</td>
<td>10,000</td>
<td>10,000</td>
<td>10,000</td>
</tr>
<tr>
<td>Service weight</td>
<td>4,000</td>
<td>4,000</td>
<td>4,000</td>
<td>4,000</td>
<td>4,000</td>
</tr>
<tr>
<td>Towing weight</td>
<td>2,000</td>
<td>2,000</td>
<td>2,000</td>
<td>2,000</td>
<td>2,000</td>
</tr>
</tbody>
</table>

### Performance Data

<table>
<thead>
<tr>
<th>Performance</th>
<th>Hyundai</th>
<th>Mitsubishi S6S-T</th>
<th>Mitsubishi S6S-T Dual Fuel</th>
<th>Hyundai 31-7E</th>
<th>Mitsubishi S6S-T Dual Fuel</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gradient performance, loaded / unloaded</td>
<td>12% / 12%</td>
<td>12% / 12%</td>
<td>12% / 12%</td>
<td>12% / 12%</td>
<td>12% / 12%</td>
</tr>
<tr>
<td>Drawbar pull, loaded</td>
<td>175.2</td>
<td>175.2</td>
<td>175.2</td>
<td>175.2</td>
<td>175.2</td>
</tr>
</tbody>
</table>

### Other Details

- **Aisle width for pallets 1,000x1,200 crossways (LxW)**: Hyundai (4.20), Mitsubishi S6S-T (4.20), Mitsubishi S6S-T Dual Fuel (4.20)
- **Ground clearance, centre of wheelbase (in)**: Hyundai (114.2), Mitsubishi S6S-T (114.2), Mitsubishi S6S-T Dual Fuel (114.2)
- **Fork carriage ISO 2328, class / type A, B**: Hyundai, Mitsubishi S6S-T, Mitsubishi S6S-T Dual Fuel
- **Fork dimensions (hook type)**: Hyundai (4.3 x 4.2 x 2.0), Mitsubishi S6S-T (4.3 x 4.2 x 2.0), Mitsubishi S6S-T Dual Fuel (4.3 x 4.2 x 2.0)

**Note:** Some of the photos may include optional equipment.

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**35/40/45DS/50DA-7E**

FORKLIFT TRUCKS  Environmentally - Friendly

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**Contact Information**

**HYUNDAI HEAVY INDUSTRIES CO., LTD.**

HEAD OFFICE (Seoul): 18, Hapjeong-daero 41-gil, Mapo-gu, Seoul 121-743, Korea

EUROPEAN OPERATIONS: Hyundai Heavy Industries Europe N.V., Veldstraat 11, 9940 Geel, Belgium


**Hyundai Forklift Trucks**

**HYUNDAI HEAVY INDUSTRIES CO., LTD.**

**Head Office (Seoul): 18, Hapjeong-daero 41-gil, Mapo-gu, Seoul 121-743, Korea**

**EUROPEAN OPERATIONS: Hyundai Heavy Industries Europe N.V., Veldstraat 11, 9940 Geel, Belgium**


Hyundai introduces a new line of 7E-series diesel forklift trucks. Excellent power and performance make your business more profitable.
Fast and stable performance
Being able to quickly raise and lower the mast, as well as tilt it forward and backward, providing the best operational conditions during unloading. When the truck is fully loaded, mast lowering speed is carefully controlled to ensure safety by the down control valve.

Faster travel speed & gradeability
The powerful high-output engine provides greater acceleration, better gradability and faster travel speed on any tough terrain or slope.

The new master on the job-site!
Smooth running, efficient and ergonomically designed, 35/40/45DS/50DA-7E series are made to meet your needs.

State-of-the-art hydraulic system
The latest large-capacity hydraulic system reacts quickly during operation, and a low-noise control valve increases both efficiency and durability.

Increased mast tilting angle
The mast tilting angle of 8 degrees forward and 10 degrees backward, the operator can safely and rapidly perform loading and unloading jobs.

Wet disc brake system (Option)
The wet disc brake system is virtually maintenance free and is enclosed to protect from dust and water.

Fully hydrostatic power steering
A hydraulic steering system always guarantees smooth and flexible steering, preventing overrun and kick-back.

OPSS (Operator Presence Sensing System)
Control of mast tilting, lifting and lowering is not possible through operation of the appropriate control when the operator is not in the normal position (Option).
Adjustable steering wheel
Steering wheel with horn button can be adjusted by a lever on the right-hand side for the most comfortable operator position.

Easy and safe shift lever
A single lever on the left side of the steering column gives the operator fast and easy controls of the direction.

Multi-function switch lever
Multi-functional switch lever gives easy access to lights and horn.

Quick response of operating control levers
Only minimal operator’s effort is required for precise, safe and productive control.

Ergonomically positioned pedals
Based on human engineering, the accelerator, brake and inching pedals are optimally positioned for convenience while operating the equipment.

Cup holder & console box
Additional storage spaces are located inside the operating space for operator’s convenience.

New high visibility for safe operation
The operator is able to work with increased safety and accuracy due to a wider view mast.

Ergonomically designed with the operator in mind!
A design based on human engineering relieves fatigue and increases operator’s efficiency.

Operator friendly gauges and water-resistant monitor panel

Easily adjustable suspension seat
An attractive and adjustable seat, based on a human engineering design, provides great comfort, safety and durability.

Full floating overhead guard mount
The anti-vibration rubber is installed between the guard and truck frame to reduce the source of vibration and noise while driving. This not only reduces operator’s fatigue but also increases safety.

Comfortable Operation
Expansion bellows
The expansion bellows absorbs vibration and reduces noise generated from the exhaust gas system and also extends the life cycle of exhaust gas system.

Bright, protected headlights
Bright, protected headlights is positioned for exceptional visibility.

Easy access of electrical components
Various electric parts are centralized in dash board resulting in improvement in maintenance.

Ground clearance
The engine and transmission are assembled horizontally and positioned high in the frame to protect expansive components during operation on rugged surface.

Strong overhead guard
The safety overhead guard exceeds EEC and ANSI regulations and protects the operator during hazardous jobs.

Parking brake
Toggle type parking brake requires less efforts from the operator to set.

Highly durable split type drive axle
Powershift transmission provides fast travel speed and quiet travel under any heavy load condition, and boosts work efficiency.

Large footboard & hand grip
Wide "open" step offers convenience and safety when entering and exiting truck.

Heavy duty single unit frame
Heavy duty single unit type frame, designed on the basis of accurate structural analysis, guarantees durability and safety.

Endurance & Safety

Enhanced safety through high durability!
Safety and durability are priorities in the design of the equipment.
Centralized design for easy service!

An ideal arrangement of component parts ensures easy accesses and conveniences for the maintenance.

**Electrically monitored air filter**
Air cleaner sensor alerts the operator of a restricted air filter and allows replacement before damage.

**Easy maintenance oil check**
The T/M oil level can be checked easily without any disassembly.

**Brake fluid reservoir**
Highly visible, easily accessible reservoir makes for quicker daily inspections.

**Easy change air cleaner**
The air filter is readily accessible for cleaning or replacement. (Cyclone Type)

**Portable side cover**
Engine oil check
Fuel cap

**Double battery installation**
With superb protection against heat

**An accessible, compact fuse box for easy inspection**

**Highly visible, easily accessible reservoir makes for quicker daily inspections.**

**Double battery installation**
With superb protection against heat

**Portable side cover**
Engine oil check
Fuel cap

**Aluminum radiator with superb protection against heat**

**Quick and easy engine oil check**

**Key-locking fuel cap**

**Durability Easy Maintenance**

**Mast Specification (35/40/45DS-7E)**

<table>
<thead>
<tr>
<th>Mast Type</th>
<th>Maximum Fork Height (in)</th>
<th>Maximum Reach (in)</th>
<th>Load Capacity (in MSL, 60 G)</th>
<th>Side Shift at 24in LC (lb)</th>
</tr>
</thead>
<tbody>
<tr>
<td>35/40/45DS-7E</td>
<td>600</td>
<td>575</td>
<td>602</td>
<td>2,800</td>
</tr>
<tr>
<td>TF520</td>
<td>100</td>
<td>80</td>
<td>60</td>
<td>1,500</td>
</tr>
<tr>
<td>TF530</td>
<td>100</td>
<td>80</td>
<td>60</td>
<td>1,500</td>
</tr>
<tr>
<td>TF540</td>
<td>100</td>
<td>80</td>
<td>60</td>
<td>1,500</td>
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</tbody>
</table>

**Load Capacity**

- **35DS-7E**
- **40DS-7E**
- **45DS-7E**
- **50DA-7E**

**Mast Specification (50DA-7E)**

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</tr>
<tr>
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<td>80</td>
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</tr>
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**Centralized design for easy service!**
An ideal arrangement of component parts ensures easy accesses and conveniences for the maintenance.