## Specifications

### Identification

<table>
<thead>
<tr>
<th>Model Type</th>
<th>Machine Code</th>
<th>Horizontal</th>
<th>Vertical</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.9 Tonne</td>
<td>1300 T5</td>
<td>1300 T5</td>
<td>1300 T5</td>
</tr>
<tr>
<td>1.4 Tonne</td>
<td>1450 T5</td>
<td>1450 T5</td>
<td>1450 T5</td>
</tr>
<tr>
<td>1.2 Tonne</td>
<td>1800 T5</td>
<td>1800 T5</td>
<td>1800 T5</td>
</tr>
</tbody>
</table>

### Dimensions

<table>
<thead>
<tr>
<th>Dimension</th>
<th>Value</th>
<th>Value</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Overall Width</td>
<td>b1</td>
<td>1,800</td>
<td>1,800</td>
</tr>
<tr>
<td>Overall Length</td>
<td>l1</td>
<td>3,600</td>
<td>3,600</td>
</tr>
<tr>
<td>Lift Height</td>
<td>h3</td>
<td>2,200</td>
<td>2,200</td>
</tr>
<tr>
<td>Free Lift</td>
<td>h2</td>
<td>1,200</td>
<td>1,200</td>
</tr>
<tr>
<td>Lowered Mast Height</td>
<td>h1</td>
<td>900</td>
<td>900</td>
</tr>
<tr>
<td>Mast / Fork Carriage Tilt Forward / Backward</td>
<td>α/β</td>
<td>6 / 10</td>
<td>6 / 10</td>
</tr>
</tbody>
</table>

### Engine Performance Data

<table>
<thead>
<tr>
<th>Performance</th>
<th>Value</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Engine Manufacturer / Type</td>
<td>Hyundai</td>
<td>Diesel</td>
</tr>
<tr>
<td>Engine Power acc. to ISO 1585 kw</td>
<td>50.0</td>
<td>50.0</td>
</tr>
<tr>
<td>Engine Power acc. to DIN 12053 kW</td>
<td>50.0</td>
<td>50.0</td>
</tr>
<tr>
<td>Acceleration Time, Loaded / Unloaded (10m) sec</td>
<td>2.0</td>
<td>2.0</td>
</tr>
<tr>
<td>Gradient Performance, Loaded / Unloaded %</td>
<td>36.9 / 24.5</td>
<td>36.9 / 24.5</td>
</tr>
<tr>
<td>Drawbar Pull, Loaded kg</td>
<td>6.70</td>
<td>6.70</td>
</tr>
<tr>
<td>Lowering Speed, Loaded / Unloaded mm/sec</td>
<td>1,100</td>
<td>1,100</td>
</tr>
<tr>
<td>Lift Speed, Loaded / Unloaded mm/sec</td>
<td>1,100</td>
<td>1,100</td>
</tr>
<tr>
<td>Travel Speed, Unloaded km/h</td>
<td>4.3</td>
<td>4.3</td>
</tr>
<tr>
<td>Sound Level at Driver's Ear According to (DIN 12053) db(A)</td>
<td>72</td>
<td>72</td>
</tr>
<tr>
<td>Fuel Consumption acc. To VDI Cycle</td>
<td>5.2</td>
<td>5.2</td>
</tr>
<tr>
<td>Overhead Guard (Cab) Height</td>
<td>h5</td>
<td>1,000</td>
</tr>
<tr>
<td>Extended Mast Height</td>
<td>h4</td>
<td>1600</td>
</tr>
<tr>
<td>Lift Height</td>
<td>h3</td>
<td>1800</td>
</tr>
<tr>
<td>Free Lift</td>
<td>h2</td>
<td>1000</td>
</tr>
<tr>
<td>Lowered Mast Height</td>
<td>h1</td>
<td>600</td>
</tr>
</tbody>
</table>

### Other Details

- **Type of Drive Control**: Electric (Battery or Mains), Diesel, Petrol, Fuel Gas, Manual
- **Type of Operation**: Hand, Pedestrian, Standing, Seated, Order-Picker
- **Drive**: Electric (Battery or Mains), Diesel, Petrol, Fuel Gas, Manual
- **Manufacturer’s Type Designation**: Hyundai Forklift Truck 15D/18D/20DA-7E
- **Manufacturer**: Hyundai Heavy Industries Co., Ltd.

### Contact Information

Contact your Hyundai dealer for more information. The machine shown may vary according to International standards. All US measurement rounded off to nearest pounds or inches.
Hyundai introduces a new line of 7E-series diesel forklift trucks. Excellent power and performance makes your business more profitable.

**New criterion of Forklift Trucks**

Hyundai introduces a new line of 7E-series diesel forklift trucks. Excellent power and performance makes your business more profitable.

**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)
**Fast and stable performance**

Being able to quickly raise and lower the mast, as well as tilt it forward and backward, provides 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.

### Gradeability

<table>
<thead>
<tr>
<th>15D-7E</th>
<th>18D-7E</th>
<th>20DA-7E</th>
</tr>
</thead>
<tbody>
<tr>
<td>20.3°</td>
<td>19.3°</td>
<td>17.2°</td>
</tr>
</tbody>
</table>

### Travel speed

<table>
<thead>
<tr>
<th>15D-7E</th>
<th>18D-7E</th>
<th>20DA-7E</th>
</tr>
</thead>
<tbody>
<tr>
<td>11.0 km/h</td>
<td>11.0 km/h</td>
<td>11.0 km/h</td>
</tr>
</tbody>
</table>
Comfortable Operation

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, easy control of 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.

Some of the photos may include optional equipment.

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

Operator friendly gauges and water-resistant monitor panel

1. Parking brake lamp
2. Directional indicators
3. Fuel warning lamp
4. Engine oil warning lamp
5. Transmission oil temperature warning lamp
6. Battery charging warning lamp
7. Air cleaner filter warning light
8. Working light indicator
9. Water separator lamp
10. Pre-heater indicator
11. Water temperature gauge
12. Fuel gauge
13. Hour meter
14. Engine check lamp
15. Seat belt warning
16. OPS warning

Ease 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.
**Endurance & Safety**

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

**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.

**Easy access of electrical Components**
Various electric parts are centralized in dashboard 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.

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

**Parking brake**
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, guaranteeing durability and safety.

**Enhanced safety through high durability!**
Safety and durability are priorities in the design of the equipment.

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Durability Easy Maintenance

Centralized design for easy service!
An ideal arrangement of component parts ensures easy access and convenience for maintenance.

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

Rotational battery installation

Aluminum radiator with superb protection against heat

Quick and easy engine oil check

Centralized design for easy service!
An ideal arrangement of component parts ensures easy access and convenience for maintenance.

An accessible, compact fuse box for easy inspection

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

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

Easy Maintenance

15D/18D/20DA-7E Mast Specification

<table>
<thead>
<tr>
<th>Mast Type</th>
<th>Overall Height Covered (mm)</th>
<th>Maximum Fork Height</th>
<th>Free Lift</th>
<th>Load Capacity w/o Side Shift (v300/v370 Single Tire)</th>
<th>Load Capacity w/o Side Shift (v300/v370 Single Tire)</th>
<th>Truck Weight Unload (v300/v370)</th>
</tr>
</thead>
<tbody>
<tr>
<td>TF500</td>
<td>7,035</td>
<td>3,192</td>
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<td>1,750</td>
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<tr>
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<tr>
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<tr>
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</tr>
<tr>
<td>TF900</td>
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<td>1,453</td>
<td>750</td>
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<td>750</td>
</tr>
</tbody>
</table>

Load Capacity

15D-7E

18D-7E

20DA-7E