



HYUNDAI

2.5T Diesel Forklift – 25D-9E
SPECIFICATION SHEET



Technical Data

| Machine Specifications | Standard |
|--|------------------|
| Service Weight | 3888 kg |
| Axle Load, With Load, Front / Rear | 5567 kg / 822 kg |
| Axle Load, Without Load, Front / Rear | 1600 / 2288 kg |
| Load Capacity (standard) Rated Load | 2500 kg |
| Load Center Distance | 500 mm |
| Load distance, center of drive axle to forks | 468 mm |
| Wheelbase | 1650 mm |

| Dimensions | |
|------------------------|--------------------|
| Overall Length | 3657 mm |
| Total Width (overall) | 1200 mm |
| Fork Dimensions | 1050 x 100 x 45 mm |
| Height (mast lowered) | 2175 mm |
| Height (mast extended) | 4485 mm |
| Height of Seat | 1187 mm |
| Lifting Height | 3305 mm |
| Free Lift | 155 mm |

| Performances | |
|-----------------------------------|----------------|
| Travel speed, unloaded | 18.5 km/h |
| Lift speed, loaded / unloaded | 560 / 640 mm/s |
| Lowering Speed, loaded / unloaded | 500 / 450 mm/s |
| Drawbar pull, loaded | 2686 kg |
| Gradient performance, loaded | 40.7% |
| Service Brake | FOOT |

| Engines | |
|------------------------------------|--------------------------|
| Manufacturer / Type of Engine | Kubota V3307 |
| Engine Power Acc. To ISO 1585 | 50 (68 ps) / 2300 kW/rpm |
| Maximum Torque | 23.3 / 1500 kg.f.m / rpm |
| No. of Cylinder / Cubic Capacity | 4 / 3331 EA/cc |
| Fuel Consumption Acc. To VDI cycle | 3.2 L/H |

Identification

| | | |
|-----|--|-------------|
| 1.1 | Manufacturer | |
| 1.2 | Type | 25D-9 |
| 1.3 | Drive: electric (battery or mains), diesel, petrol, fuel gas, manual | DIESEL |
| 1.4 | Type of operation: hand, pedestrian, standing, seated, order-picker | seated |
| 1.5 | Load capacity (standard) / Rated load | Q (kg) 2500 |
| 1.6 | Load center distance | c (mm) 500 |
| 1.8 | Load distance, center of drive axle to forks | x (mm) 468 |
| 1.9 | Wheelbase | y (mm) 1650 |

Weights

| | | | |
|-----|-------------------------------------|----|-------------|
| 2.1 | Service weight | kg | 3888 |
| 2.2 | Axle loading, loaded front / rear | kg | 5567 / 822 |
| 2.3 | Axle loading, unloaded front / rear | kg | 1600 / 2288 |

Wheels, Chassis

| | | | |
|-----|---|----------|--------------|
| 3.1 | Tires : Pneumatic (P), Solid (S), Non-marking (N) | | P |
| 3.2 | Tires size, front | Single | 7.00-12-14PR |
| | | Double | 6.00-15-10PR |
| 3.3 | Tires size, rear | Single | 6.50-10-14PR |
| | | Double | 6.50-10-12PR |
| 3.5 | Number of wheels front / rear (x=driven wheels) | | 2x / 2 |
| 3.6 | Track width, front | Single | b10 (mm) 999 |
| | | Double | 1153 |
| 3.7 | Track width, rear | b11 (mm) | 980 |

¹⁾ integrated sidsifter + 12 mm

²⁾ integrated sidsifter + 15 mm

In accordance with VDI Guideline 2198 this specification sheet provides details of the standard truck only. Non-standard tyres, different masts, optional equipment, etc. may result in different values.

| Basic Dimensions | | | |
|------------------|---|----------------|-------------------|
| 4.1 | Mast / fork carriage tilt forward / backward (α / β) | degrees | 6 / 10 |
| 4.2 | Lowered mast height | h1 (mm) | 2175 |
| 4.3 | Free lift | h2 (mm) | 155 |
| 4.4 | Lift height | h3 (mm) | 3305 |
| 4.5 | Extended mast height | h4 (mm) | 4485 |
| 4.7 | Overhead guard height (cabin) | h5 (mm) | 2160 (2170) |
| 4.8 | Seat height / standing height | h7 (mm) | 1187 |
| 4.12 | Coupling height | h10 (mm) | 295 |
| 4.19 | Overall length | l1 (mm) | 3657 |
| 4.20 | Length to face of forks | l2 (mm) | 2607 |
| 4.21 | Overall width | Single | b1 (mm) |
| | | Double | |
| 4.22 | Fork dimensions (hook type) (L x W x T) | l x e x s (mm) | 1050 x 100 x 45 |
| 4.23 | Fork carriage ISO 2328, class / type A, B | | 2A |
| 4.24 | Fork carriage width | b3 (mm) | 1102 |
| 4.31 | Ground clearance, loaded, under mast | m1 (mm) | 130 |
| 4.32 | Ground clearance, centre of wheelbase | m2 (mm) | 157 |
| 4.33 | Aisle width for pallets 1000 x 1200 crossways (L x W) | Ast (mm) | 4010 |
| 4.34 | Aisle width for pallets 800 x 1200 lengthways (W x L) | Ast (mm) | 4210 |
| 4.35 | Turning radius | Wa (mm) | 2342 |
| 4.36 | Smallest pivot point distance | b13 (mm) | 714 |
| Performance Data | | | |
| 5.1 | Travel speed, unloaded | km/h | 18.5 |
| 5.2 | Lift speed, loaded / unloaded | mm/s | 560 / 640 |
| 5.3 | Lowering speed, loaded / unloaded | mm/s | 500 / 450 |
| 5.5 | Drawbar pull, loaded | kg | 2686 |
| 5.7 | Gradient performance, loaded | % | 40.7 |
| 5.10 | Service brake | | FOOT |
| Engine | | | |
| 6.1 | Engine manufacturer / type | | Kubota v3307 |
| 6.2 | Engine power acc. To ISO 1585 | kW/rpm | 50 (68 ps) / 2300 |
| 6.3 | Maximum Torque | kg.f.m/rpm | 23.3 / 1500 |
| 6.4 | No. of cylinder / cubic capacity | EA/cc | 4 / 3331 |
| 6.5 | Fuel consumption acc. to VDI cycle | ℓ/h | 3.2 |
| Other Details | | | |
| 8.1 | Type of drive control | | PowerShift |
| 8.2 | Operating pressure (system/attachments) | bar | 182 / 162 |
| 8.3 | Hydraulic oil flow (attachments) | ℓ / min | 36 |
| 8.4 | Sound level at driver's ear according to DIN 12053 | db (A) | 80 |
| 8.5 | Trailer coupling, type DIN | | PIN |