

K4DEF – 6X4 15TON DUMP-ECO,FAB

Engine

| | |
|-----------------|----------------------------------|
| Model | D.H.I DE12TIS |
| Type | Turbo intercooler, diesel engine |
| Max. Power | 340ps (250kw)/ 2,100rpm |
| Max. Torque | 145kg.m (1421N.m)/ 1,260rpm |
| No. of cylinder | In line 6 cylinder |
| Bore x Stroke | 123×155(mm) |
| Displacement | 11,051cc |
| Controller type | Mechanical |
| Air cleaner | Dry paper elements |

Transmission

| | | |
|---------|--------------|--|
| Model | T15S6 | Service : Full Air Brake. Dual circuit |
| Type | Manual F6/R1 | Drum diameter : 410 mm |
| 1st | 7.263 | Lining Front : 414x155mm |
| 2nd | 4.207 | Rear : 414x203mm |
| 3rd | 2.526 | Material : Non-Asbestos |
| 4th | 1.569 | |
| 5th | 1.000 | Parking : Spring actuator at rear |
| 6th | 0.699 | Wheels |
| Reverse | 6.857 | Auxiliary: Exhaust brake |

Axles

| | |
|-------|---|
| Front | Reverse Elliot "I" beam, Capacity : 6,500 kg |
| Rear | Banjo single reduction Final drive ratio : 6.166, Capacity : 23,000 kg |

Fuel Tank

| | |
|--------------------------|------------------------------|
| Mounted on right-hand | Front : 11.00-20-16, 7.5V×20 |
| Side of the frame | |
| Capacity – 400 liter | Rear : 11.00-20-16, 7.5V×20 |
| Material : Pressed Steel | |

Steering

| | |
|------------------|---|
| Driving position | Lef(Right)t-hand drive only |
| Type | Recirculating ball with integral Power assisted by oil |
| Steering column | Tilt & telescopic |
| Steering wheel | 2-spoke wheel with horn button |

Clutch

| | |
|----------------|--|
| Type | Hydraulic control with air assisted |
| Plate diameter | Dry single plate with diaphragm Out side diameter : 430mm |

Suspension

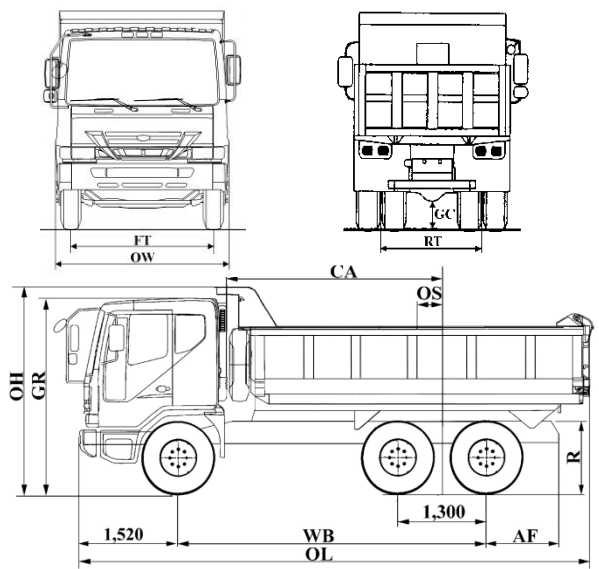
| | |
|------------------|--|
| Front suspension | Type : semi-elliptical leaf spring Size(LxW) : 1,500 x 90(mm) |
| Rear suspension | Type : Semi-elliptical leaf spring Size(LxW) : 1,300 x 90(mm) |

Electrical System

| | |
|------------|------------------|
| Batteries | 12 volt-150Ahx2 |
| Alternator | 24 volt / 60 amp |
| Starter | 24 volt / 6.0kW |

Dumping Deck

| | |
|------------------|---------------------------|
| Mechanism type | Marrel, dumping angle 53° |
| Thickness | Floor 6mm, Side 4mm |
| Dumping capacity | 22ton |



Dimensions (mm)

| | | |
|-----------|--------------------------|-------|
| OL | Overall length | 7,705 |
| OW | Overall width | 2,495 |
| OH | Overall height | 3,060 |
| FR | Tread – front | 2,050 |
| RT | Tread – rear | 1,855 |
| WB | Wheelbase | 4,580 |
| AF | Rear axle to frame | 1,115 |
| GR | Ground to roof | 2,930 |
| R | Frame-ground above bogie | 1,100 |
| CA | Usable cab to axle | 3,170 |
| OS | Deck offset | 330 |
| GC | Min. ground clearance | 270 |
| | Deck Length | 4,900 |
| | Deck Height | 900 |
| | Deck Width | 2,300 |

Weights (kg)

| | | |
|---------------------|-------|--------|
| Chassis weight | Front | 4,280 |
| | Rear | 3,910 |
| | Total | 8,190 |
| Curb weight | | 11,170 |
| Nominal Payload | | 15,000 |
| Axle load | Front | 6,500 |
| | Rear | 23,000 |
| Permissible payload | | 21,310 |
| Permissible G.V.W | | 29,500 |

Calculated Performance

| | |
|-------------------------|------|
| Max. speed(km/h) | 96 |
| Max. gradeability(%) | 39.9 |
| Min. turning radius (m) | 7.5 |

Frame

| | |
|---------------------|-----------------------------|
| Type | Ladder type, Double Channel |
| Size (HxWxT) | 320x90x(8+7) |
| Width at frame rear | 850 |

- Dimension & Weight are approximate.
- Permissible weight includes upper body weight. Always observe national regulations on permissible axle loads and gross weight.