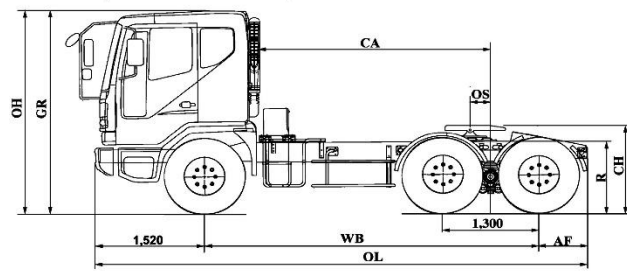
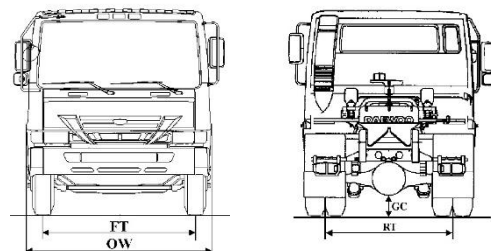


# V3TEF – 6X4 TRACTOR W/DE12TIS(10S)



## Engine

Model	DE12TIS
Type	Turbo intercooler, diesel engine
Max. Power	350ps / 2,100rpm
Max. Torque	150kg.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	T14S10
Type	Manual F10/R2
1 <sup>st</sup>	9.555/7.428
2 <sup>nd</sup>	4.664/3.625
3 <sup>rd</sup>	2.730/2.122
4 <sup>th</sup>	1.658/1.289
5 <sup>th</sup>	1.000/0.777
Reverse	9.668/7.516

## Brakes

Service	: Full Air Brake. Dual circuit
Drum diameter	: 410 mm
Lining Front	: 414x155mm
Rear	: 414x203mm
Material	: Non-Asbestos
Parking	: Acting on spring actuator at rear wheels
Auxiliary	: Exhaust brake

## Axles

Front	Reverse Elliot "I" beam, Capacity : 6,500 kg
Rear	Banjo single reduction Final drive ratio : 6.833, Capacity : 23,000 kg

## Fuel Tank

Mounted on right-hand side of the frame	Capacity – 400 liter
Material	: Pressed Steel

## Wheels & Tires

Front	: 11.00-20-16PR, 7.5V×20
Rear	: 11.00-20-16PR, 7.5V×20

## Steering

Driving position	Left(Right)-hand drive
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 / 80 amp
Starter	24 volt / 6.0kW

## Coupler (Option)

Make and Type	Dong-A Universal 2"
Loading capacity	25ton

## Dimensions (mm)

<b>OL</b>	Overall length	6,925
<b>OW</b>	Overall width	2,495
<b>OH</b>	Overall height	2,900
<b>FT</b>	Tread – front	2,050
<b>RT</b>	Tread – rear	1,855
<b>WB</b>	Wheelbase	4,540
<b>AF</b>	Rear axle to frame	710
<b>GR</b>	Ground to roof	2,900
<b>R</b>	Frame-ground above bogie	1,075
<b>CA</b>	Usable cab to axle	3,140
<b>OS</b>	Deck offset	270
<b>CH</b>	Coupler height	1,360
<b>GC</b>	Min. ground clearance	260
	Swing radius Forward	2,480
	Rearward	2,070

## Weights (kg)

Curb weight	Front	4,500
	Rear	4,300
	Total	8,800
Axle load	Front	6,500
	Rear	23,000
Permissible G.C.W		70,000

## Calculated Performance

Max. speed(km/h)	78
Max. gradeability(%)	23.9
Min. turning radius (m)	6.8

## Frame

Type	Ladder type, Single channel
Size (HxWxt)	286x90x7
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.