

6x4 Tractor



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- Permissible weight includes upper body weight. Always observe national regulations on permissible axle loads and gross weight.

V4T4F-NOVUS EURO II 6X4 TRACTOR (420PS,16S,HUB)

Engine

Model	DX12TIS (Euro II)
Type	Turbo intercooler, diesel engine
Max. Power	420ps(309kw) / 1,900rpm
Max. Torque	187kg.m(1834Nm) / 1,200rpm
No. of cylinder	In line 6 cylinder
Bore x Stroke	123×155(mm)
Displacement	11,051(cc)
Controller type	Mechanical
Air cleaner	Dry paper elements

Transmission

Model	ZF16S1830TO Type
	Manual F16/R2 1st/2nd
	13.80/11.54 3rd/4th
	9.49/7.93 5th/6th
	6.53/5.46 7th/8th
	4.57/3.82 9th/10th
	3.02/2.53 11th/12th
	2.08/1.74 13th/14th
	1.43/1.20 15th/16th
	1.00/0.84 Reverse

Brakes

Service	: Full air brake. Dual circuit
Drum diameter	: 410 mm
Lining width Front	: 155 mm
Rear	: 220 mm
Material	: Non-Asbestos
Parking	: Acting on spring actuator at rear wheels
Auxiliary	: Exhaust brake (option : ABS&ASR)

Axles

Front	Reverse Elliot "I" beam, Capacity : 6,500 kg
Rear	Hub reduction
	Final drive ratio : 5.92, Capacity : 26,000 kg

Fuel Tank

Mounted on right-hand side of the frame
Capacity – 400 liter
Material : Pressed Steel (option : 400+400L)

Wheels & Tires

Front	: 12.00R24-18PR, 8.5V×24
Rear	: 12.00R24-18PR, 8.5V×24 (option : 315/80R22.5, 12R22.5)

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

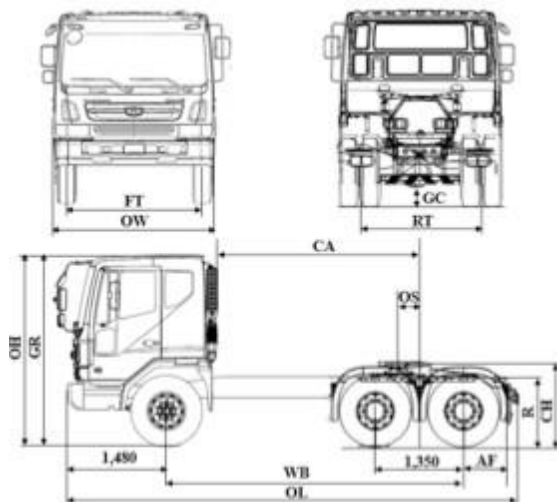
Front suspension	Type : Semi-elliptical leaf spring Size(LxW) : 1,500 x 90(mm)
Rear suspension	Type : Semi-elliptical leaf spring Size(LxW) : 1,300 x 90(mm)

Electrical System

Batteries	12 volt-120Ahx2
Alternator	24 volt / 60 amp
Starter	24 volt / 6.0kW

Coupler

Make and Type	Universal 2"
Loading capacity	25ton
	(option : rollingless 2" / 3.5" universal 3.5")



Dimensions (mm)

OL	Overall length	6,885
OW	Overall width	2,495
OH	Overall height	2,980
FT	Tread – front	2,050
RT	Tread – rear	1,910
WB	Wheelbase	4,650
AF	Rear axle to frame	685
GR	Ground to roof	2,980
R	Frame-ground above bogie	1,135
CA	Usable cab to axle	3,195
OS	Deck offset	300
CH	Coupler height	1,500
GC	Min. ground clearance	310
	Swing radius Forward	2,500
	Rearward	2,080

Weights (kg)

Curb weight	Front	4,600
	Rear	5,070
	Total	9,670
Axle load	Front	6,500
	Rear	26,000
Permissible G.C.W		85,000

* Selection of other types of tire can affect permissible G.V.W

Calculated Performance

Max. speed(km/h)	85
Max. gradeability(%)	27.4
Min. turning radius (m)	8.3

Frame

Type	Ladder type, Single channel
Size (HxWxt)	286x90x7
Width at frame rear	850

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