



**TATA** INTERNATIONAL KENYA

# DAEWOO TRUCKS

## TRACTOR 12-SP SERIES



**DAEWOO TRUCKS**



30T Payload



Full Air Brake



6L Cylinder



335Hp Engine



# EQUIPMENT SALES KENYA LTD

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## DAEWOO NOVUS – TRACTOR HEAD

### SPECIFICATIONS

#### Engine

Model	DE12TI
Type	Turbo inter cooler, diesel engine
Max. Power	340ps (250kw)/ 2,100rpm
Max. Torque	135kg.m (1324N.m)/ 1,260rpm
No. of cylinder	In line 6 cylinder
Bore x Stroke	123x155(mm)
Displacement	11,051cc
Controller type	Mechanical
Air cleaner	Dry paper elements
Emissions	Euro II

#### Transmission

Model	DW9S 150 TO
Type	Manual F9/R1
Crawler	12.57
1st/2nd	7.47 / 5.28
3rd/4th	3.82 / 2.79
5th/6th	1.95 / 1.38
7th/8th	1.00/ 0.73
Reverse	13.14
Drive	6x4

#### Brakes

Service	: Full Air Brake. Dual circuit
Drum diameter	: 410 mm
Lining Front	: 155mm
Rear	: 220mm
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	Banjo single reduction Final drive ratio : 5.571, Capacity : 23,000 kg ( Option: 4.625, 4.875, 5.571)

#### Fuel Tank

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

#### Fuel Tank

Front : 12 R22.5-16 PR, 8.25 x 22.5
Rear : 12 R22.5-16, 8.25 x 22.5
(Option : 315 / 80 R 22.5, 12.00 R 24)

#### 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 coil spring Out side diameter : 430mm

#### Suspension

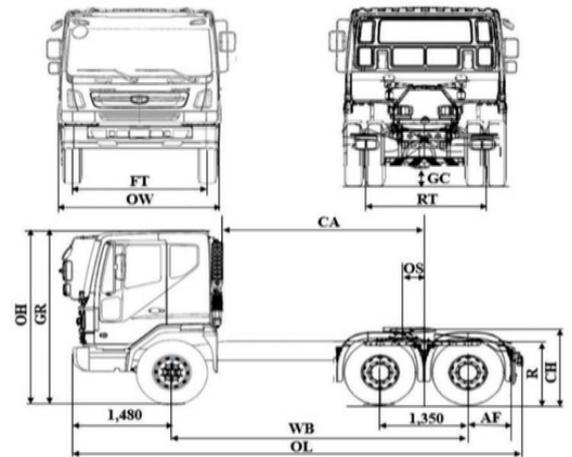
Front suspension	Type : Semi-elliptical leaf spring Size(LxW) : 1,500 x 90(mm)
Rear suspension+	Type : Semi-elliptical leaf spring Size(LxW) : 1,300 x 90(mm)

#### Electrical System

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

#### Coupler

Make and Type	Rollingless 2"
Loading capacity	25ton (Option : Rollintless 3.5" universeal 2" / 3.5")



#### Dimensions (mm)

OL	Overall length	6,885
OW	Overall width	2,495
OH	Overall height	2,905
FT	Tread – front	2,080
RT	Tread – rear	1,855
WB	Wheelbase	4,565
AF	Rear axle to frame	685
GR	Ground to roof	2,905
R	Frame-ground above bogie	1,070
CA	Usable cab to axle	3,110
OS	Deck offset	270
CH	Coupler height	1,290
GC	Min. ground clearance	260
	Swing radius	Forward 2,480 Rearward 2,070

#### Weights (kg)

Curb weight	Front	4,230
	Rear	4,300
	Total	8,800
Nominal Payload		16,500
Axle load	Front	6,500
	Rear	23,000
Permissible payload		21,250
Permissible G.C.W		55,000

#### Calculated Performance

Max. speed(km/h)	107
Max. gradeability(%)	28.1
Min. turning radius (m)	7.2

#### Frame

Type	Ladder type, Single channel
Size (HxWxt)	286 x 90 x 7
Width at frame rear	850

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