



DAEWOO TRUCKS TRACTOR SERIES

TATA AFRICA HOLDINGS (TANZANIA) LTD

Plot No. 1 & 2, Vingunguti,
Nyerere Road, P.O.Box 40207,
Dar es salaam, Tanzania



NOVUS

Outstanding driving and handling characteristics, superb comfort and convenience that begin with a spacious interior, a powerful and rugged power train, impressive hauling capability including hill climbing performance. Moreover, it is built to handle around-the-clock high speed operations that will enhance your bottom line. Equipped with a powerful, dependable engine, this tractor leads the way in performance and features.

Steering Wheel

Large size & Soft grip 2 spoke wheel with horn button



Combination Switch

Turn Signal Lamp, Windshield Wiper, Exhaust Break, Hazard warning flasher



Transmission

Manual (Standard) Automated Transmission(Optional) / Automatic Transmission(Optional)



- 01. Instrument Clusters
- 02. Audio(Standard) & Aircon Controller(Optional)
- 03. ON/OFF Type Parking Brake(Gradual Type: Optional)
- 04. Fuse Box



NOVUS Cabin Instyle

The NOVUS Cab interior gives a cozy appearance in a light gray color scheme. The dashboard and other Interior features have smooth contours and provide an independent space for both the driver and passenger.

Driver Seat Arm Rest

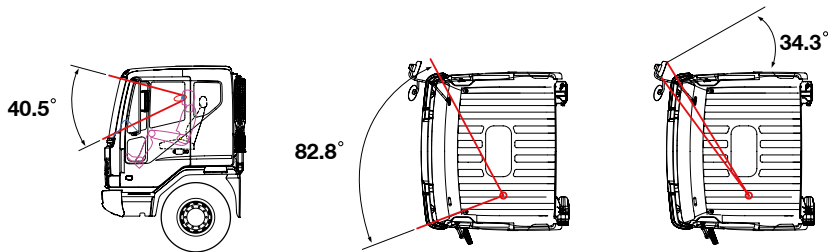
Lumbar support

Heating

Air Suspension Seat (Optional)

The air suspension seat offers ideal driving position from pneumatic lumbar support and side contour adjustment for fatigue free driving





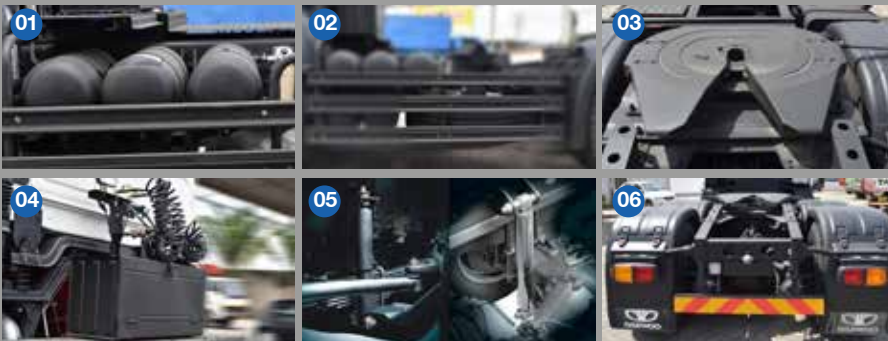
Ultra-Large Front Windscreen

Ultra-large front windscreen gives the cab a 40.5 degrees field of view. A combination of ergonomics and optical engineering were used to determine the optimal size and position of the side mirrors which offer a 34.3 degree field of vision. This wide vision enables the driver to see all around the vehicle and to have a good view of the traffic as well.



Electric Cab Tilting

Cab tilt device opens up to 52 degrees. The cab tilt system is fitted with an operation switch on the center console which enables / disables the cab tilting.



01. Air Tanks

02. Battery & Spare Tire

03. Coupler - Jost or GF

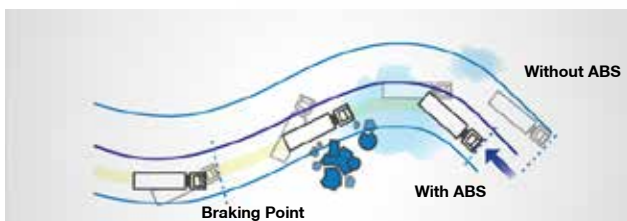
04. Trailer Connector & Working Lamp

05. Front & Rear shock absorber

06. Rear Protector & Lamp

ABS AND ASR (Optional)

ABS brings the vehicle to a safe, controlled stop and is particularly advantageous while driving under slippery road conditions. With ABS/ASR, the driver can maintain full directional stability of the vehicle at all times and avert potentially dangerous situations.



NOVUS 340HP



Engine



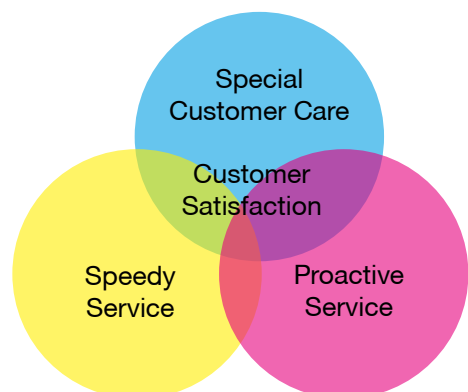
Doosan DE12

L-6 type
123x155mm
11L
340ps/135kg.m(Euro1)
340ps/145kg.m(Euro2)
350ps/135kg.m(Euro2)

World Class Quality Assurance

Established an automated system, creating top quality and top value as a global brand.

TATA Daewoo Customer Care System



Specifications

340 HP (V3TGF - 6X4 TRACTOR)

Engine	
Model	Doosan Infracore DE12TI
Type	Turbo intercooler, diesel engine
Max. Power	340ps (240kw / 2,100rpm)
Max. Torque	135kg.m (1324N.m) / 1,260rpm
No. of cylinder	In line 6 cylinder
Bore x Stroke	123 x 155(mm)
Displacement	11,051cc
Controller type	Mechanical
Air Cleaner	Dry paper elements

Transmission		Brakes	
Model	T14S10	Service	Full Air Brake. Dual Circuit
Type	Manual F10/R2	Drum diameter	410mm
1 st	9.555/7.428	Lining Front	414 x 155mm
2 nd	4.664/3.625	Rear	414 x 203mm
3 rd	2.730/2.122	Material	Non-asbestos
4 th	1.658/1.286	Parking	Acting on spring actuator at rear wheel
5 th	1.000/0.777		
Reverse	7.980/6.204	Auxiliary	Exhaust Brake

Axles	
Front	Reverse elliot "I" beam, Capacity : 6,500kg
Rear	Banjo single reduction Final drive ratio : 5.571, Capacity : 23,000kg

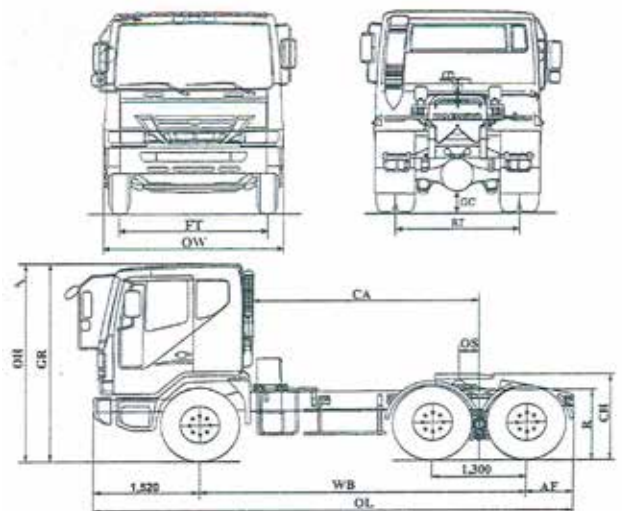
Fuel Tank	
	Mounted on right-hand
	Side Under the frame
	Capacity - 400 liters
	Material : Pressed Steel

Wheels & Tires	
Front	12R22.5-16, 8.25 X 22.5
Rear	12R22.5-16, 8.25 X 22.5

Steering	
Driving position	Right Hand Drive
Type	Recirculating ball with integral power assisted by oil
Steering column	Tilt & telescopic
Steering wheel	2-spoke wheel with horn button

Frame	
Type	Ladder type, Single channel, Flange mounting
Size (HxWxt)	288 x 90 x 7
Width at frame rear	850
Side rail	ATOS 80

Dimensions (mm)		
OL	Overall length	6,840
OW	Overall width	2,490
OH	Overall height	2,910
FR	Tread - front	2,035
RT	Tread - rear	1,855
WB	Wheelbase	4,480
AF	Rear axle to frame	650
GR	Ground to roof	2,910
R	Frame-ground above bogie	1,050
CA	Usable cab to axle	3,105
OS	Deck offset	270
CH	Coupler height	1,345
GC	Min. ground clearance	260
	Swing radius Forward	1,600
	Rearward	2,040



Clutch	
Type	Hydraulic control with air assisted
Plate diameter	Dry single plate with diaphragm Outside 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	
Make and Type	Jost Rolling-less 2"
Loading capacity	20ton

Weight (kg)		
Chassis weight	Front	4,360
	Rear	3,890
	Total	8,250
Curb weight		8,600
Normal 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)	95
Max. gradeability(%)	22.1
Min. turning radius (m)	6.8

Applied Option	
Air Conditioner, Alternator 80A, Seat Driver with Suspension, Wood Grain, Buzzer Back Alarm, Cab Tilting Sys.-Electrical, Decal Side, R/Cassette, Digital Alarm Clock, Tata Logo & Emblem, Lock-Door Electrical, Sunvisor-Exterior, Window 1 touch P/Operated	

NOVUS 420HP



Engine



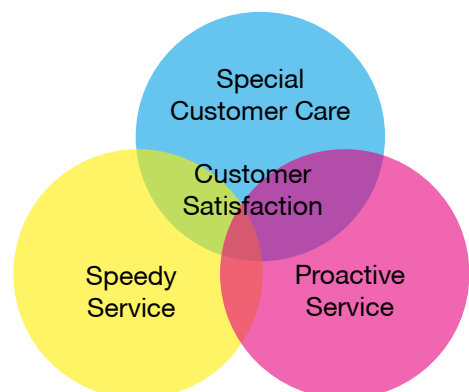
Doosan DV15

V-8 type
123x142mm
15L
340ps/170KG.m(Euro2)

World Class Quality Assurance

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TATA Daewoo Customer Care System



Specifications

420 HP (V3TVF - 6X4 TRACTOR)

Engine	
Model	
Type	Turbo intercooler, diesel engine
Max. Power	420ps (208kw / 2,100rpm)
Max. Torque	170kg.m (1666N.m) / 1,200rpm
No. of cylinder	Vee Type 8 cylinder
Bore x Stroke	128 x 142(mm)
Displacement	14,618(cc)
Controller type	Mechanical
Air Cleaner	Dry paper elements with Pre-filter

Transmission		Brakes	
Model	ZF16S1820T0	Service	Full Air Brake. Dual Circuit
Type	Manual F16/R2	Drum diameter	410mm
1 st	13.86 / 11.59	Lining Front	414 x 155mm
2 nd	9.520 / 7.960	Rear	414 x 203mm
3 rd	6.560 / 5.480	Material	Non-asbestos
4 th	4.580 / 3.830	Parking	Acting on spring actuator at rear wheel
5 th	3.020 / 2.530	Auxiliary	Exhaust Brake
6 th	2.080 / 1.740		
7 th	1.430 / 1.200		
8 th	1.000 / 0.840		
Reverse	12.97 / 10.85		

Axles	
Front	Reverse Elliot "I" beam, Capacity : 7,500kg
Rear	Banjo single reduction Final drive ratio : 4.444, Capacity : 26,000kg

Frame	
Type	Ladder type, Single channel, Flange mounting
Size (HxWxt)	288 x 90 x 7
Width at frame rear	850
Side rail	ATOS 80

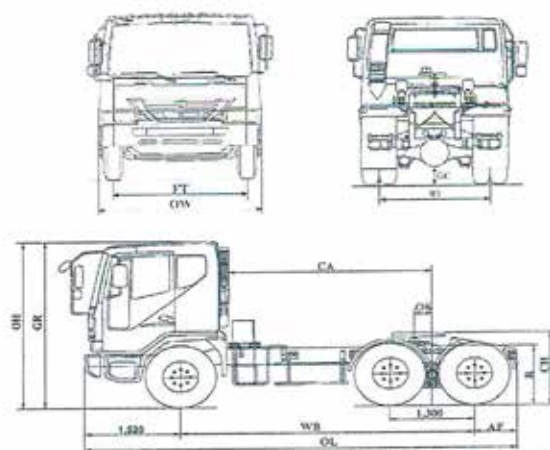
Steering	
Driving position	Right Hand Drive
Type	Recirculating ball with integral power assisted by oil
Steering column	Tilt & telescopic
Steering wheel	2-spoke wheel with horn button

Cluth	
Type	Hydraulic control with air assisted
Plate diameter	Dry single plate with diaphragm Outside 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 / 7.0kW

Fuel Tank		Wheels & Tires	
Mounted on right-hand		Front	315/80R22.5 - 18PR, 9.0X22.5
Side Under the frame		Rear	315/80R22.5 - 18PR, 9.0X22.5
Capacity - 400 liter			
Material : Pressed Steel			



Dimensions (mm)		
OL	Overall length	6,840
OW	Overall width	2,490
OH	Overall height	2,910
FR	Tread - front	2,035
RT	Tread - rear	1,855
WB	Wheelbase	4,480
AF	Rear axle to frame	650
GR	Ground to roof	2,910
R	Frame-ground above bogie	1,050
CA	Usable cab to axle	3,105
OS	Deck offset	270
CH	Coupler height	1,345
GC	Min. ground clearance	260
	Swing radius Forward	1,600
	Rearward	2,040

Weight (kg)		
Chassis weight	Front	4,460
	Rear	3,930
	Total	8,390
Curb weight		8,950
Normal Payload		16,500
Axle load	Front	7,500
	Rear	26,000
Permissible payload		25,110
Permissible G.C.W		55,000

Calculated Performance		
Max. speed(km/h)		112
Max. gradeability(%)		32.8
Min. turning radius (m)		6.8

Coupler	
Make and Type	Jost Rollingless 2"
Loading capacity	20ton

Applied Option	
Air Conditioner, Alternator 80A, Seat Driver with Suspension, Wood Grain, Buzzer Back Alarm, Cab Tilting Sys.-Electrical, Decal Side, R/Cassette, Digital Alarm Clock, Tata Logo & Emblem, Lock-Door Electrical, Sunvisor-Exterior, Window 1 touch P/Operated	

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