

CL4D3-NOVUS EURO V 6x4 DUMP (390PS,9S,10m³)

Engine

Model	DX12 (Euro V)
Type	Turbo intercooler, diesel engine
Max. Power	390ps(286.8kW) @ 1,900 rpm
Max. Torque	160kg.m(1,570Nm) @ 1,200 rpm
No. of cylinder	In line 6 cylinder
Bore x Stroke	123X155 (mm)
Displacement	11,051 (cc)
Controller type	Electronic
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	12.92/10.80

Brakes

Service	Full air brake, dual circuit
Drum diameter	410 mm
Lining width Front	190mm
Rear	203mm
Material	Non-Asbestos
Parking	Acting on spring actuator at rear wheels
Auxiliary	Exhaust brake (option : ABS & ASR)

Axles

Front	Reverse Elliot "I" beam, Capacity : 7,100 kg (option : 8,100kg)
Rear	Banjo single reduction Final drive ratio : 6.166, Capacity : 23,000 kg

Fuel Tank

Mounted on right-hand side of the frame
Capacity – 300 liter
Material : Steel (option : Aluminum 300L)

Wheels & Tires

Front	12R22.5-16PR, 8.25×22.5
Rear	12R22.5-16PR, 8.25×22.5

Steering

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

Clutch

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

Suspension

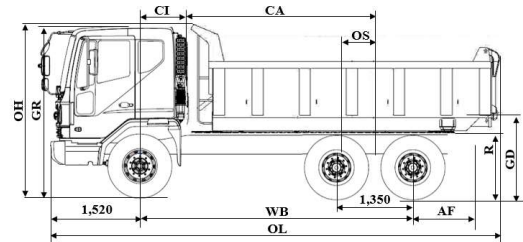
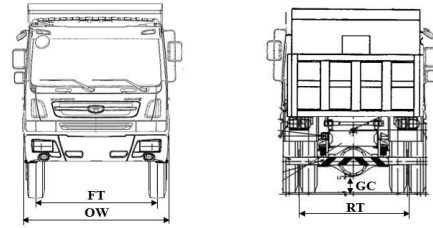
	Type : Semi-elliptical leaf spring Size(LxW) : 1,500 x 90 (mm)
Rear suspension	Type : Semi-elliptical leaf spring Size(LxW) : 1,300 x 90 (mm)

Electrical System

Batteries	12 volt-170Ahx2
Alternator	24 volt / 80 amp
Starter	24 volt / 6.0kW

Dumping Deck

Mechanism type	Marrel, dumping angle 53°
Thickness	Floor 5mm, Side 4mm
Dumping capacity	22ton



Dimension (mm)

OL	Overall length	7,745
OW	Overall width	2,495
OH	Overall height	3,175
FT	Tread – front	2,080
RT	Tread – rear	1,850
WB	Wheelbase	4,705
AF	Rear axle to frame	990
GR	Ground to roof	3,050
R	Frame-ground above bogie	1,105
CA	Usable cab to axle	3,250
OS	Deck offset	390
GD	Ground to deck floor	1,640
GC	Min. ground clearance	245
	Deck inside length	4,900
	Deck inside width	2,300
	Deck inside height	900

Weights (kg)

Chassis weight	Front	4,230
	Rear	3,980
	Total	8,210
Curb weight		11,230
Axle load	Front	7,100
	Rear	23,000
Permissible G.V.W		29,500

Calculated Performance @ Permissible G.V.W)

Max. speed(km/h)	82
Max. gradeability(%)	74.8
Min. turning radius (m)	7.5

Frame

Type	Ladder type, single channel
Size (HxVxt)	320 x 90 x 8 (mm)

Option (rear body)

Deck volume	12m ³ , 15m ³
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- Dimension & Weight are approximate.
- Permissible weight includes upper body weight. Always observe national regulations on permissible axle loads and gross weight.

