

K7CEF-16TON CARGO SHORT

Engine

Model	Doosan Infracore, DE12TIS
Type	Turbo intercooler, diesel
Max. Power	340ps(250kW) @ 2,100 rpm
Max. Torque	145kg.m(1421Nm) @ 1,260 rpm
No. of cylinder	In line 6 cylinder
Bore x Stroke	123 x 155 (mm)
Displacement	11,051 (cc)
Controller type	Mechanical
Air cleaner	Dry paper elements

Transmission

Model	T15S6
Type	F6/R1
1st	6.744
2nd	4.207
3rd	2.526
4th	1.569
5th	1.000
6th	0.746
Reverse	6.857

Brakes

Service : Full Air Brake
Drum diameter : 410 mm
Lining Front : 415x155mm
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 : 5.571 Capacity : 23,000 kg

Fuel Tank

Mounted on right-hand Side Under the frame
Capacity – 400 liter

Wheels & Tires

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

Steering

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

Clutch

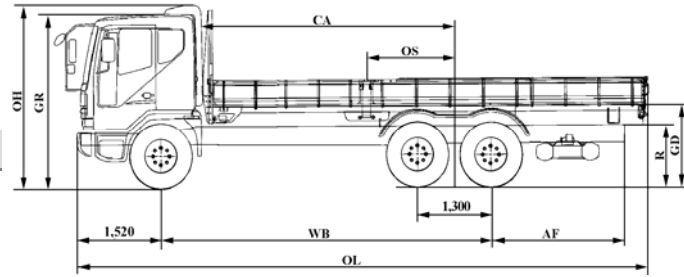
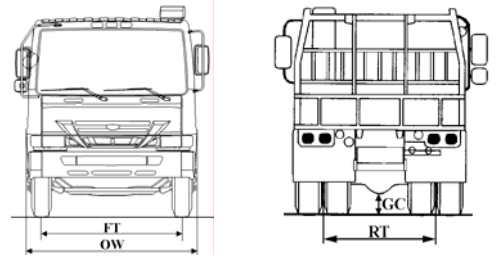
Type	Hydraulic control with air assisted Dry single plate with diaphragm
Plate diameter	Out side diameter : 430mm

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



Dimensions (mm)

OL	Overall length	9,995
OW	Overall width	2,490
OH	Overall height	3,080
FR	Tread – front	2,050
RT	Tread – rear	1,855
WB	Wheelbase	5,800
AF	Rear axle to frame	2,510
GR	Ground to roof	2,935
R	Frame-ground above bogie	1,110
CA	Usable cab to axle	4,400
OS	Deck offset	570
GD	Ground to deck floor	1,435
GC	Min. ground clearance	270
	Deck inside length	7,460
	Deck inside width	2,350
	Deck inside height	450

Weights (kg)

Chassis weight	Front	3,980
	Rear	3,820
	Total	7,800
Curb weight		9,570
Nominal Payload		16,000
Axle load	Front	6,500
	Rear	23,000
Permissible payload		21,610
Permissible G.V.W		29,500

Calculated Performance

Max. speed(km/h)	99
Max. gradeability(%)	36.9
Min. turning radius (m)	9.1

Frame

Type	Ladder type, single channel
Size (HxVxt)	320 x 90 x 8 (mm)
Towing hook	Equipped front & rear

* Dimension & Weight are approximate;
* Permissible weight includes upper body weight

M8AEF-21TON CARGO

Engine

Model	Doosan Infracore, DE12TIS
Type	Turbo intercooler, diesel
Max. Power	340ps(250kW) @ 2,100 rpm
Max. Torque	145kg.m(1421Nm) @ 1,260 rpm
No. of cylinder	In line 6 cylinder
Bore x Stroke	123 x 155 (mm)
Displacement	11,051 (cc)
Controller type	Mechanical
Air cleaner	Dry paper elements

Transmission

Model	ZF16S151
Type	F16/R2
1st	13.86/11.59
2th	9.52/7.96
3th	6.56/5.48
4th	4.58/3.83
5th	3.02/2.53
6th	2.08/1.74
7th	1.43/1.02
8th	1.00/0.84
Reverse	12.97/10.85

Brakes

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

Axles

Front	Reverse elliot "I" beam Capacity : 7,500 kg
Pusher	Air spring Capacity : 7,500 kg
Rear	Banjo single reduction Final drive ratio : 5.571 Capacity : 23,000 kg

Fuel Tank

Mounted on	right-hand
Side	Under the frame
Capacity	- 400 liter

Wheels & Tires

Front	: 315/80R22.5-18PR, 9.0x22.5
MD	: 315/80R22.5-20PR, 9.0x22.5
Rear	: 12R22.5-16, 8.25Vx22.5

Steering

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

Clutch

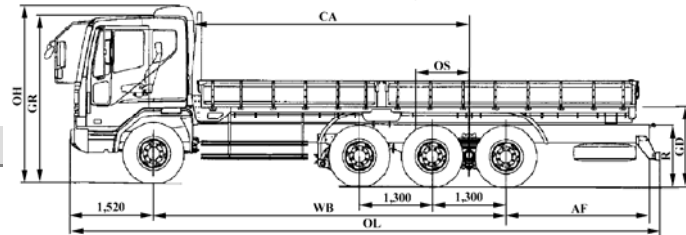
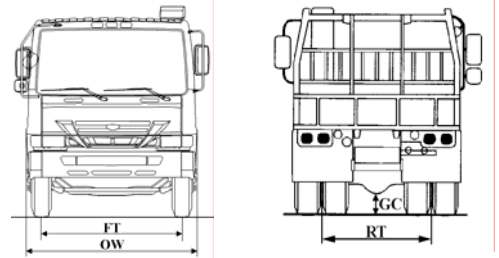
Type	Hydraulic control with air assisted Dry single plate with diaphragm
Plate diameter	Out side diameter : 430mm

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



Dimensions (mm)

OL	Overall length	10,445
OW	Overall width	2,490
OH	Overall height	3,080
FR	Tread – front	2,050
RT	Tread – rear	1,855
WB	Wheelbase	6,250
AF	Rear axle to frame	2,510
GR	Ground to roof	2,925
R	Frame-ground above bogie	1,110
CA	Usable cab to axle	4,875
OS	Deck offset	960
GD	Ground to deck floor	1,430
GC	Min. ground clearance	270
	Deck inside length	7,620
	Deck inside width	2,350
	Deck inside height	450

Weights (kg)

Chassis weight	Front	4,770
	Rear	4,800
	Total	9,570
Curb weight		10,870
Nominal Payload		21,000
Axle load	Front	7,500
	Pusher	7,500
	Rear	23,000
Permissible payload		28,430
Permissible G.V.W		38,000

Calculated Performance

Max. speed(km/h)	101
Max. gradeability(%)	48.2
Min. turning radius (m)	10.2

Frame

Type	Ladder type, single channel
Size (HxVxt)	320 x 90 x 8 (mm)
Towing hook	Equipped front & rear

* Dimension & Weight are approximate;
* Permissible weight includes upper body weight