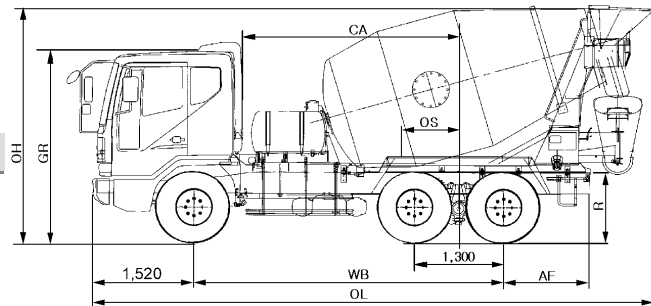
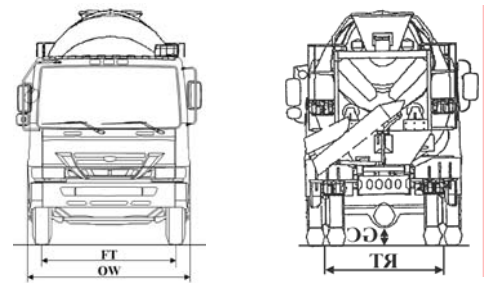


# K4MVF – 6X4 CONCRETE MIXER(6m<sup>3</sup>)



## Dimensions (mm)

<b>OL</b>	Overall length	8,275
<b>OW</b>	Overall width	2,495
<b>OH</b>	Overall height	3,720
<b>FR</b>	Tread – front	2,050
<b>RT</b>	Tread – rear	1,855
<b>WB</b>	Wheelbase	4,580
<b>AF</b>	Rear axle to frame	1,110
<b>GR</b>	Ground to roof	2,930
<b>R</b>	Frame-ground above bogie	1,070
<b>CA</b>	Usable cab to axle	3,205
<b>OS</b>	Deck offset	420
<b>GC</b>	Min. ground clearance	270
	Mixing Drum Total Volume(m <sup>3</sup> )	10.7
	Max.Loading Vol(m <sup>3</sup> )	6

## Engine

Model	Doosan Infracore DV15TIS
Type	Turbo intercooler, diesel engine
Max. Power	390ps (287kw)/ 2,100rpm
Max. Torque	160kg.m (1569N.m)/ 1,200rpm
No. of cylinder	Vee 8 cylinder
Bore x Stroke	128×142(mm)
Displacement	14,618cc
Controller type	Mechanical
Air cleaner	Dry paper elements

## Transmission

Model	T16S6
Type	Manual F6/R1
1st	7.263
2nd	4.207
3rd	2.526
4th	1.569
5th	1.000
6th	0.699
Reverse	6.857

## Brakes

Service	: Full Air Brake. Dual circuit
Drum diameter	: 410 mm
Lining Front	: 414x155mm
Rear	: 414x203mm
Material	: Non-Asbestos
Parking	: Actig 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 : 6.143, Capacity : 23,000 kg

## Fuel Tank

Mounted on right-hand Side of the frame	Capacity – 300 liter
Material	: Pressed Steel

## Wheels & Tires

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

## Steering

Driving position	Left-hand drive only
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-150Ahx2
Alternator	24 volt / 60 amp
Starter	24 volt / 7.0kW

## Additional Equipment

Hyd. Motor	Daikin, Displacement 69.8 cc/rev
Reduction Gear	Okubo, Max Torque 4,000 kg.m
Water Tank	350Liter

## Weights (kg)

Chassis weight	Front	4,500
	Rear	4,000
	Total	8,500
Curb weight		11,420
Nominal Payload		15,000
Axle load	Front	6,500
	Rear	23,000
Permissible payload		21,000
Permissible G.V.W		29,500

## Calculated Performance

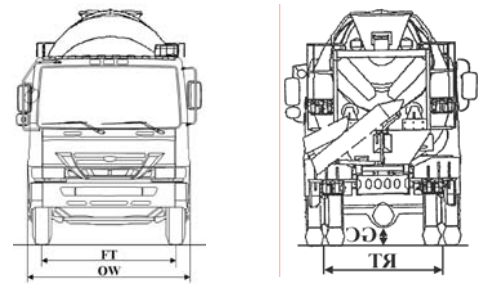
Max. speed(km/h)	95
Max. gradeability(%)	40.0
Min. turning radius (m)	7.5

## Frame

Type	Ladder type, Double Channel
Size (HxWxt)	320x90x(8+7)
Width at frame rear	850

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

# K4MVF – 6X4 CONCRETE MIXER(8m<sup>3</sup>)



## Engine

Model	Doosan Infracore, DV15TIS
Type	Turbo intercooler, diesel engine
Max. Power	390ps (287kw)/ 2,100rpm
Max. Torque	160kg.m (1569N.m)/ 1,200rpm
No. of cylinder	Vee 8 cylinder
Bore x Stroke	128×142(mm)
Displacement	14,618cc
Controller type	Mechanical
Air cleaner	Dry paper elements

## Transmission

Model	T16S6
Type	Manual F6/R1
1st	7.263
2nd	4.207
3rd	2.526
4th	1.569
5th	1.000
6th	0.699
Reverse	6.857

## 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 : 6,500 kg
Rear	Banjo single reduction Final drive ratio : 6.143, Capacity : 26,000 kg

## Fuel Tank

Mounted on right-hand	Side of the frame
Capacity – 300 liter	Material : Pressed Steel

## Wheels & Tires

Front	: 12:00R20-18, 8.5V×20
Rear	: 12:00R20-18, 8.5V×20

## Steering

Driving position	Left-hand drive only
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

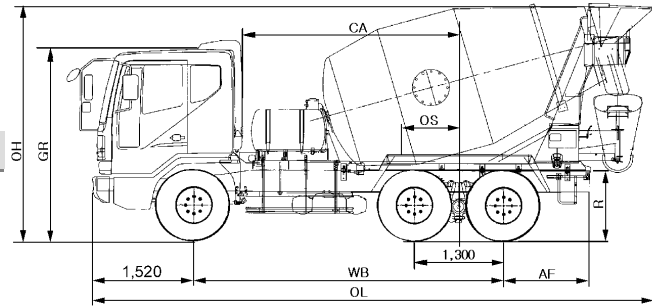
Front suspension	Type : semi-elliptical leaf spring Size (LxW) : 1,500 x 90(mm)
Rear suspension	Type : Semi-elliptical leaf spring Size (LxW) : 1,300 x 90(mm)

## Electrical System

Batteries	12 volt-150Ahx2
Alternator	24 volt / 60 amp
Starter	24 volt / 7.0kW

## Additional Equipment

Hyd. Motor / Pump	Daikin, Displacement 69.8 cc/rev
Reduction Gear	Okubo, Max Torque 5,000 kg.m
Water Tank	350Liter



## Dimensions (mm)

<b>OL</b>	Overall length	8,790
<b>OW</b>	Overall width	2,490
<b>OH</b>	Overall height	3,870
<b>FR</b>	Tread – front	2,050
<b>RT</b>	Tread – rear	1,855
<b>WB</b>	Wheelbase	4,580
<b>AF</b>	Rear axle to frame	1,675
<b>GR</b>	Ground to roof	2,930
<b>R</b>	Frame-ground above bogie	1,120
<b>CA</b>	Usable cab to axle	3,080
<b>OS</b>	Deck offset	320
<b>GC</b>	Min. ground clearance	270
	Mixing Drum Total Volume(m <sup>3</sup> )	13.4
	Max.Loading Vol(m <sup>3</sup> )	8

## Weights (kg)

Chassis weight	Front	4,500
	Rear	4,000
	Total	8,500
Curb weight		11,340
Nominal Payload		19,600
Axle load	Front	6,500
	Rear	26,000
Permissible payload		24,000
Permissible G.V.W		32,500

## Calculated Performance

Max. speed(km/h)	96
Max. gradeability(%)	40.0
Min. turning radius (m)	7.5

## Frame

Type	Ladder type, Double Channel
Size (HxWxt)	320x90x(8+7)
Width at frame rear	850

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