

# V3TXF – 6X4 TRACTOR W/CUMMINS ISX

Special purpose for GCC country

## Engine

Model	Cummins ISX
Type	Turbo intercooler, diesel engine
Max. Power	481ps (354kw)/ 2,000rpm
Max. Torque	228kg.m (2237N.m)/1,200rpm
No. of cylinder	In-line 6 cylinders
Bore x Stroke	137 x 169 (mm)
Displacement	14,946 (cc)
Controller type	Electronic
Air cleaner	Dry paper elements(Double filter)

## Transmission

Model	ZF16S2520TO
Type	Manual F16/R2
1 <sup>st</sup>	13.80 / 11.54
2 <sup>nd</sup>	9.490 / 7.930
3 <sup>rd</sup>	6.530 / 5.460
4 <sup>th</sup>	4.570 / 3.820
5 <sup>th</sup>	3.020 / 2.530
6 <sup>th</sup>	2.080 / 1.740
7 <sup>th</sup>	1.430 / 1.200
8 <sup>th</sup>	1.000 / 0.840
Reverse	12.92/10.80

## Brakes

Service	: Full Air Brake. Dual circuit
Drum diameter	: 410 mm
Lining Front	: 414x155mm
Rear	: 414x203mm
Material	: Non-Asbestos
Parking	: Acting on spring actuator at rear wheels
Auxiliary	: Engine brake

## Axles

Front	Reverse Elliot "I" beam, Capacity : 7,500 kg
Rear	Hub reduction Final drive ratio : 5.648, Capacity : 26,000 kg

## Fuel Tank

Mounted on left & right-hand side of the frame  
Capacity – 800 liter  
Material : Pressed Steel

## Wheels & Tires(Optional)

Front : 12.00R24-18PR,  
8.5VX24  
Rear : 12.00R24-18PR,  
8.5VX24

## 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
Plate diameter	Dry single plate with diaphragm Out side diameter : 430mm

## Suspension

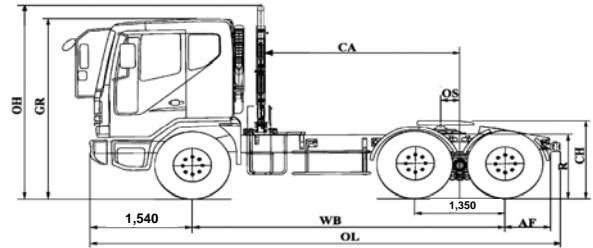
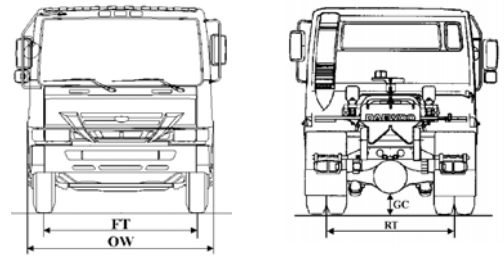
Front suspension	Type : Multi leaf spring Sizw(LxW) : 1,500 x 90(mm)
Rear suspension	Type : Multi leaf spring Sizw(LxW) : 1,350 x 90(mm)

## Electrical System

Batteries	12 volt-150Ahx2
Alternator	24 volt / 80 amp
Starter	24 volt / 7.0kW

## Coupler (Option)

Make and Type	Jost Rollingless 3.5"
Loading capacity	36ton



## Dimensions (mm)

<b>OL</b>	Overall length	6,885
<b>OW</b>	Overall width	2,590
<b>OH</b>	Overall height	3,165
<b>FR</b>	Tread – front	2,050
<b>RT</b>	Tread – rear	1,900
<b>WB</b>	Wheelbase	4,565
<b>AF</b>	Rear axle to frame	685
<b>GR</b>	Ground to roof	3,105
<b>R</b>	Frame-ground above bogie	1,145
<b>CA</b>	Usable cab to axle	2,810
<b>OS</b>	Deck offset	320
<b>CH</b>	Coupler height	1,480
<b>GC</b>	Min. ground clearance	325
	Swing radius Forward	2,100
	Rearward	2,095

## Weights (kg)

Chassis weight	Front	5,310
	Rear	4,430
	Total	9,740
Curb weight		10,410
Max. Axle load	Front	7,500
	Rear	26,000
Permissible payload		23,760
Permissible G.C.W		100,000

## Calculated Performance

Max. speed(km/h)	94
Max. gradeability(%)	27
Min. turning radius (m)	7

## Frame

Type	Ladder type, Single channel, Web mounting
Size (HxWxt)	286x90x7
Width at frame rear	850
Side rail	ATOS 80

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