

NEW Mixer Truck 6x4

FD290MT



1


TAHUN
GARANSI

**TANPA BATASAN
KILOMETER**




CABIN		
Type	J5M V2.0 - Cab over engine - ECE R29 Certification, full floating, All metal closed.	
Seats	2	
Accessories	Standard Air Conditioner (AC), Radio Tape + USB MP3, Sleeper Bed, Driver seat with cooler and electrical adjuster + Power window.	
MASS		
Curb Weight (Kg)	11.900	
Gross Vehicle Weight - GVW (Kg)	24.500	
Axle Load Distribution (Kg)	Front	6.500
	Rear	2 x 9.000
PERFORMANCE		
Min.Turning Radius (m)	7,2	
Max.Speed (Km/h)	85	
Max.Gradeability (%)	40	
Fuel Consumption (Liter/100Km)	31,6	
Fuel Tank Capacity (Liter)	300	
TRANSMISSION		
Model	CA9TB160M	
Torque	1.600Nm	
Forward Gear Ratio	9 Speed Forward, 1 Speed Reverse (C= 14,393. 1= 10,04. 2= 7,10. 3= 5,05. 4= 3,71. 5= 2,70. 6= 1,92. 7= 1,36. 8= 1,00)	
Reverse Gear Ratio	R = 14,414	
CLUTCH		
Type	Dry type, single plate, diaphragm spring cluth, hydraulic controlled and air auxiliary power supply.	
Driven Plate Diameter (mm)	Ø430	
AXLE CONSTRUCTIONS		
Front	Type	I-Section Beam heavy duty
	Axle Load Capacity (Kg)	7.000
Middle & Rear	Type	457, Single Reduction
	Reduction Ratio	5,286
	Axle Load Capacity (Kg)	2 x 13.000
Gross Vehicle Weight (Kg)	33.000	
DIFFERENTIAL LOCK		
Inter Axle Differential Lock	Yes	
Inter Wheel Differential Lock	Yes	
FRAME		
Type	Side rails, Punching and Riveted construction.	
Main Rail Section (mm)	280 x 80 x 8	
Auxiliary Rail Section (mm)	264 x 70 x 5	
POWER STEERING		
Model	Integrated recirculation, Hydraulic power steering.	
ELECTRICAL SYSTEM		
Type	Singe line, Negative Grounded	
Voltage (V)	24	
Battery (V/Ah)	2 x 12/150	
WHEEL		
Rim	8.0-20	
	Model	11.00R20 18PR
Type	Air Pressure (Psi)	125 ± 10


INTERIOR




Air Conditioner system with automatic control, audio system and USB Port.



Driver's seat with Air Suspension system for driver's comfort with cooler and electrical adjuster.




Equipped with Multi Information Display for easy monitoring, maintenance and identify initial problem with the vehicle.




ECE-R29 is a Technology that Uses specified cabin impact limits to ensure passenger protection based on Anthropomorphic Test Devices.


FEATURES AND BENEFITS



The concrete mixer used is of the highest quality to transport ready mix concrete from the concrete mixing site to your project location.



The combination of Selective Catalytic Reduction technology and AdBlue creating an environment friendly vehicle. AdBlue is a liquid containing 32.5% of urea to neutralize the harmful Nitrogen Oxides (NOx) into water and nitrogen.



Multi State Switch Load system to control fuel consumption according to the weight load for the result of maximum fuel efficiency.

ENGINE

Model	CA6DL1.29E5 6-cylinder in-line, Common Rail, Turbo charger & Intercooler	
Displacement	7.700 cc	
Max.Output Power	290HP / 2.300 Rpm	
Max.Torque	1.150Nm / (1.300 - 1.600 Rpm)	
Standard Emission	Euro 5 Standard (<i>Beyond Euro 4 Compliance</i>)	

BRAKE

Driving Brake	Full air brake, Double circuit air brake, Auto slack adjuster (<i>ABS Optional</i>)	
Parking Brake	Spring energy storage type	
Auxiliary Brake	Exhaust brake & Engine brake	

DIMENSIONS

Overall Dimensions	Length - L (mm)	8.300
	Width - W (mm)	2.485
	Height - H (mm)	3.870
Wheel Base - WB (mm)	3.520 + 1.325	
Wheel Track	Front - FR (mm)	2.040
	Rear - RR (mm)	1.860
Min.Ground Clearance (<i>Under Rear Axle</i>)	250	
Approach Angle (°)	20	
Departure Angle (°)	30	
Front Overhang - FO (mm)	1.365	
Rear Overhang - RO (mm)	2.090	

MIXER SPECIFICATION

Range of agitating capacity (m³)	(Ops.1) 8	(Ops.2) 5
Range of max mixing capacity (m³)	(Ops.1) 7.5	(Ops.2) 4.5
Drum diameter (based on range of capacity)	2.305 mm	
Drum length (based on range of capacity)	4.600 mm	
Charging speed (m³ / min)	2 at 12 Rpm	
Discharging speed (m³ / min)	2	
Hydraulic motor merk/type	PMP-PMH M90	
Pump type	PMP-PMP P90	
Reducer gear type	PMP type PMB 6-R100	
Inclination (°)	14	
Rotary speed (rpm)	0 to 18	
Min charging spout size (mm)	600	
Water supply	Air pressure water tank / DC water pump	
Water tank capacity	600	
Remaining rate	< 0,2%	

*The specification can change without prior notice. Performance data depend on operational conditions.

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