



FUSO TRUCKS AND BUSES

WORK ENGINEERED BUSINESS DRIVEN



FH 215J					
MODEL		FH215JBRB11			
DIMENSIONS (mm)					
Wheelbase		4.610			
Overall length		7.745			
Overall width		2,170			
Overall height, approx		2,400			
Cab to rear axle		4,150			
Cab to end of frame		6,100			
Ground clearance		190			
WEIGHTS (kg)					
Kerb weight		2,935			
Gross vehicle weight		9,900			
CALCULATED PERFORMAN	ICE				
Max. speed		106 km/h			
Max. gradeability		29.0%			
Min. turning radius		7.3m			
ENGINE					
Model		Mitsubishi 6D14 - 3A			
Туре	4	stroke-cycle, water cooled direct injection, diesel engine			
No. of cylinders		6 in line			
Piston displacement		6,557 cc			
Max. output		160PS/3,000rpm			
Max. torque		430Nm/1,800rpm			
DRIVE LINE					
Clutch	Hyd	Hydraulic control, coil spring type, single dry plate with power cylinder			
Transmission	5	5 forward and 1 reverse, 2nd to 5th synchromesh, 1st & Rev. constantmesh gears			
CHASSIS					
Axle	front	Reverse Elliot, "I" beam type			
	rear	Full floating type			
Tire	front	Single, 9.5R17.5			
	rear	Dual, 9.5R17.5			
Steering		Ball nut type. Super wide-span tilt steering column with steering lock			
Suspension		Semi elliptical, laminated leaf springs			
Shock absorbers		Hydraulic sincle acting telescopic on front axle			
BRAKE					
Parking	Н	ydraulic with vacuum servo assistance, single circuit with safety cylinders			
Exhaust		Internal expanding type oon propeller shaft at rear of transmission			
Service		Vacuum operated, butterfly valve type			
Fuel tank capacity		100 litres x 2			
Electrical system - batteries		24 volt, regulated control-12 volt, 65 ah at 20 hr rate			

Cab to rear axle/Cab to end of frame WEIGHTS (kg) Kerb weight Max. GVW CALCULATED PERFORMANCE Max. gradeability Max. gradeability Model Mitsubishi 6D16 - 2AT Type Model Mitsubishi 6D16 - 2AT Type A stroke-cycle, water cooled direct injection, turbo charged diesel engine No. of cylinders For Max. output Max. output Max. output Max. output Max. output Max. output/Max torque (IIS) Air compressor Generator/Alternator Drive Line Clutch Clutch CHASSIS Front axle Rear Parking Parking Parking Auxilliary Electrical System 12 volt x 2,65 ah at 20 hr rate 12 volt x 2,65 ah at 20 hr rate Parking Auxilliary Electrical System 12 volt x 2,65 ah at 20 hr rate	FM657				
Wheelbase 5,080 Overall length, 8,705 Overall width 2,420 Overall height, approx. 2,680 Tread 1,925 (front) - 1,815 (rear) Cab to rear axle/Cab to end of frame 6,635 WEIGHTS (kg) WEIGHTS (kg) Kerb weight 4,690 Max. GVW 15,100 CALCULATED PERFORMANCE 88 km/h Max. gradeability 27,5% Min. turning radius 9.3 m ENGINE Mitsubishi 6D16 - 2AT Model Mitsubishi 6D16 - 2AT Type 4 stroke-cycle, water cooled direct injection, turbo charged diesel engine No. of cylinders 6 in line Piston displacement 7,545 cc Max. output Max. output 220P5/2,800rpm Max. output/Max torque (JIS) 626Nm/1,400rpm Air compressor Reiprocating type, single cylinder Generator/Alternator 24 volts, AC, 35 amp / 24 volt, 35 amp Drive Line Hydraulic control, coil spring type, single dry plate, Cerametallic, 350 mm Transmission 6 Forward and 1 reverse speed 2nd to 6th; Sychromesh gears 1st & Rev. Constantmesh gears CHASSIS Reverse Elliot, "I" beam type Front axle Fill floating type Rear Aule Full floating type	MODEL		FM657LSRB12		
Overall length, 8,705 Overall width 2,420 Overall height, approx. 2,680 Tread 1,925 (front) - 1,815 (rear) Cab to rear axle/Cab to end of frame 8 WEIGHTS (kg) Kerb weight 4,690 Max. GWW 15,100 CALCULATED PERFORMANCE Max. speed 88 km/h Max. gradeability 27,5% Min. turning radius 9.3 m ENGINE 1000 Woodel Mitsubishi 6D16 - 2AT Type 4 stroke-cycle, water cooled direct injection, turbo charged diesel engine 6 in line 9 Piston displacement 7,545 cc Max. output 220P5/2,800rpm Max. output/Max torque (JIS) Air compressor 6 Reciprocating type, single cylinder Generator/Alternator 24 volts, AC, 35 amp / 24 volt, 35 amp Drive Line 14 Hydraulic control, coil spring type, single dry plate, Cerametallic, 350 mm Transmission 6 Forward and I reverse speed 2nd to 6th; Sychromesh gears 1st & Rev. Constantmesh gears CHASSIS Front axle Rear Dual, 11R22,5-16PR Rear axle Front Single, 11R22,5-16PR Right hand steering. Sul through with shock absorbers Suspension 12 volt x 2,656 ah at 20 hr rate Electrical System 12 volt x 2,656 ah at 20 hr rate Electrical System 12 volt x 2,656 ah at 20 hr rate Electrical System 12 volt x 2,656 ah at 20 hr rate	DIMENSIONS (mm)				
Overall width 2,420 Overall height, approx. 2,680 Tread 1,925 (front) - 1,815 (rear) Cab to rear axle/Cab to end of frame WEIGHTS (kg) Kerb weight 4,690 Max. GWW 15,100 CALCULATED PERFORMANCE Max. speed 88 km/h Max. gradeability 9,3 m ENGINE Min. turning radius 9,3 m ENGINE Model Mitsubishi 6D16 - 2AT Type 4 stroke-cycle, water cooled direct injection, turbo charged diesel engine 6 in line 7,545 cc Max. output 220P5/2,800rpm Max. output/Max torque (JIS) Air compressor Reciprocating type, single cylinder Generator/Alternator Drive Line 14 Clutch Cerametallic, 350 mm Transmission 6 Forward and 1 reverse speed 2nd to 6th; Sychromesh gears 1st & Rev. Constantmesh gears Tres & Wheels Front Single, 11R22.5-16PR Rear axle Fill floating type Trent Laminated leaf springs with shock absorbers Laminated leaf springs with shock absorbers Rear Laminated leaf springs with shock absorbers Laminated leaf springs with shock absorbers Front Laminated leaf springs with shock absorbers Rear Auxilliary Exhaust brake Electrical System 12 volt x 2,65 ah at 20 hr rate	Wheelbase		5,080		
Overall height, approx. Tread 1,925 (front) - 1,815 (rear) 6,635 WEIGHTS (kg) WEIGHTS (kg) Max. GWW 15,100 CALCULATED PERFORMANCE Max. speed Max. speed Max. speed Max. speed Max. gradeability 27,5% Min. turning radius BNGINE No. of cylinders Piston displacement Max. output Max. output Max. output As coutput Max. output Max. output Max. output Max. output As troke-cycle, water cooled direct injection, turbo charged diesel engine 6 in line Piston displacement 7,545 cc Max. output Max. output Max. output Max. output Max. output As troke-cycle, water cooled direct injection, turbo charged diesel engine 6 in line Piston displacement 7,545 cc Max. output Max. output Max. output Max. output, application of the piston displacement Max. output, application of the piston displacement Max. output, application of the piston displacement Max. output Max. output Max. output Max. output About piston displacement 7,545 cc Max. output Max. output Max. output About piston displacement As coutput About piston displacement As coutput About piston displacement As troke-cycle, water cooled direct injection, turbo charged diesel engine A to a line A treverse line Hydraulic control, coil spring type, single cylinder Generator/Alternator Drive Line Hydraulic control, coil spring type, single dry plate, Cerametallic, 350 mm CHASSIS Front and I reverse speed 2nd to 6th; Sychromesh gears 1st & Rev. Constantmesh gears CHASSIS Front Single, 11R22.5-16PR Rear Dual, 11R22.5-16PR Right hand steering, Ball nut type with integral type hydraulic booster SUSPENSIONS Front Laminated leaf springs with shock absorbers Front Laminated leaf springs with shock absorbers Laminated leaf springs with shock absorbers Laminated leaf springs with shock absorbers	Overall length,		8.705		
Tread Cab to rear axle/Cab to end of frame BYEIGHTS (kg) Kerb weight Max. GVW CALCULATED PERFORMANCE Max. speed Max. speed Model Missubishi 6D16 - 2AT Type A stroke-cycle, water cooled direct injection, turbo charged diesel engine No. of cylinders Piston displacement Max. output/Max torque (JIS) Air compressor Generator/Alternator Drive Line Clutch Transmission CHASSIS Front axle Rear Steering Brakes Front Laminated leaf springs WEIGHTS (kg) A,690 A,	Overall width		2,420		
Tread Cab to rear axle/Cab to end of frame BYEIGHTS (kg) Kerb weight Max. GVW CALCULATED PERFORMANCE Max. speed Max. speed Model Missubishi 6D16 - 2AT Type A stroke-cycle, water cooled direct injection, turbo charged diesel engine No. of cylinders Piston displacement Max. output/Max torque (JIS) Air compressor Generator/Alternator Drive Line Clutch Transmission CHASSIS Front axle Rear Steering Brakes Front Laminated leaf springs WEIGHTS (kg) A,690 A,	Overall height, approx.		2.680		
Cab to rear axle/Cab to end of frame WEIGHTS (kg) Kerb weight Max. GYW CALCULATED PERFORMANCE Max. speed Max. gradeability Model Mitsubishi 6D16 - 2AT Type Model Misubishi 6D16 - 2AT Type A stroke-cycle, water cooled direct injection, turbo charged diesel engine 6 in line Piston displacement Max. output Max. output Max torque (JIS) Air compressor Generator/Alternator Drive Line Clutch Clutch Clutch Charges Front axle Rear Asle Front Rear Parking Brakes Front Laminated leaf springs Fuel air, dual circuit, fixed 5 cam with maxi-chambers on rear wheels by hand control valve Laminate Laminate Laminated leaf springs Fuel air, dual circuit, fixed 5 cam with maxi-chambers on rear wheels Parking Auxilliary Electrical System 12 volt x 2,65 ah at 20 hr rate 12 volt x 2,65 ah at 20 hr rate Laminated leaf springs Final can be find a frame of the control of the c	Tread		1.925 (front) - 1.815 (rear)		
WEIGHTS (kg) Kerb weight Max. GVW CALCULATED PERFORMANCE Max. gradeability Max. gradeability Min. turning radius EMOINE Model Mitsubishi 6D16 - 2AT Type A stroke-cycle, water cooled direct injection, turbo charged diesel engine Fiston displacement Max. output Max. output Max. output Max. output Max. output/Max torque (JIS) Air compressor Generator/Alternator Drive Line Clutch Clutch Clutch Charges Front axle Rear Asle Front Rear Parking Front Laminated leaf springs Fund account of the wash of the cool of the control valve Lethaus to Auxilliary Electrical System 12 volt x 2,65 ah at 20 hr rate Lethaus to Ree Rear Auxilliary Electrical System 12 volt x 2,65 ah at 20 hr rate Laminated leaf springs Front ear wheels by hand control valve Electrical System 12 volt x 2,65 ah at 20 hr rate	Cab to rear axle/Cab to				
Kerb weight Max, GVW CALCULATED PERFORMANCE Max. gradeability Max. gradeability Min. turning radius FNGINE Model Missubishi 6D16 - 2AT Type Model Missubishi 6D16 - 2AT Type Model Missubishi 6D16 - 2AT Type A stroke-cycle, water cooled direct injection, turbo charged diesel engine A stroke-cycle, water cooled direct injection, turbo charged diesel engine A stroke-cycle, water cooled direct injection, turbo charged diesel engine A stroke-cycle, water cooled direct injection, turbo charged diesel engine A stroke-cycle, water cooled direct injection, turbo charged diesel engine A stroke-cycle, water cooled direct injection, turbo charged diesel engine A stroke-cycle, water cooled direct injection, turbo charged diesel engine A stroke-cycle, water cooled direct injection, turbo charged diesel engine A stroke-cycle, water cooled direct injection, turbo charged diesel engine A stroke-cycle, water cooled direct injection, turbo charged diesel engine A stroke-cycle, water cooled direct injection, turbo charged diesel engine A stroke-cycle, water cooled direct injection, turbo charged diesel engine A stroke-cycle, water cooled direct injection, turbo charged diesel engine A stroke-cycle, water cooled direct injection, turbo charged diesel engine A stroke-cycle, water cooled direct injection, turbo charged diesel engine A stroke-cycle, water cooled direct injection, turbo charged diesel engine A stroke-cycle, water cooled direct injection, turbo charged diesel engine A stroke-cycle, water cooled direct injection, turbo charged diesel engine A stroke-cycle, water cooled direct injection, turbo charged diesel engine A stroke-cycle, water cooled direct injection, turbo charged diesel engine A stroke-cycle, water cooled direct injection, turbo charged diesel engine A stroke-cycle, water cooled direct injection, turbo charged diesel engine A stroke-cycle, water cooled direct injection, turbo charged diesel engine A stroke-cycle, a stroke engine A stroke-cycle, a stroke engine A stroke-cycle, a stroke engin	end of frame		6,635		
Max. GVW CALCULATED PERFORMANCE Max. speed Max. gradeability 27.5% Min. turning radius 9.3 m ENGINE Model Mitsubishi 6D16 - 2AT Type A stroke-cycle, water cooled direct injection, turbo charged diesel engine No. of cylinders Fiston displacement Max. output Max. output Max. output/Max torque (JIS) Air compressor Reciprocating type, single cylinder Generator/Alternator Drive Line Clutch Hydraulic control, coil spring type, single dry plate, Cerametallic, 350 mm Transmission G Forward and 1 reverse speed 2nd to 6th; Sychromesh gears 1st & Rev. Constantmesh gears CHASSIS Front Rear Reverse Elliot, "I" beam type Rear axle Full floating type Steering Right hand steering, Ball nut type with integral type hydraulic booster Suspensions Front Laminated leaf springs with shock absorbers Rear Laminated leaf springs Fuel air, dual circuit, fixed S cam with maxi-chambers on rear wheels Spring loaded type on rear wheels by hand control valve Auxilliary Exhaust brake Electrical System 12 volt x 2,65 ah at 20 hr rate	WEIGHTS (kg)				
Max. speed	Kerb weight		4,690		
Max. speed Max. gradeability Max. gradeability 9.3 m ENGINE Model Mitsubishi 6D16 - 2AT Type A stroke-cycle, water cooled direct injection, turbo charged diesel engine No. of cylinders Piston displacement Max. output Max. output/Max torque (IIS) Air compressor Generator/Alternator Drive Line Clutch Clutch Hydraulic control, coil spring type, single cylinder Gerametallic, 350 mm Front axle Rear Axle Tires &Wheels Front Rear Front Rear Front Rear Front Rear Brakes Service Parking Auxilliary Exhaust brake Electrical System Mitsubishi 6D16 - 2AT A stroke-cycle, water cooled direct injection, turbo charged diesel engine Mitsubishi 6D16 - 2AT A stroke-cycle, water cooled direct injection, turbo charged diesel engine Mitsubishi 6D16 - 2AT A stroke-cycle, water cooled direct injection, turbo charged diesel engine A stroke-cycle, water cooled direct injection, turbo charged diesel engine A stroke-cycle, water cooled direct injection, turbo charged diesel engine A stroke-cycle, water cooled direct injection, turbo charged diesel engine A stroke-cycle, water cooled direct injection, turbo charged diesel engine A stroke-cycle, water cooled direct injection, turbo charged diesel engine A stroke-cycle, water cooled direct injection, turbo charged diesel engine A stroke-cycle, water cooled direct injection, turbo charged diesel engine A stroke-cycle, water cooled direct injection, turbo charged diesel engine A stroke-cycle, water cooled direct injection, turbo charged diesel engine A stroke-cycle, water cooled direct injection, turbo charged diesel engine A stroke-cycle, water cooled die	Max. GVW		15,100		
Min. turning radius ENGINE Model Mitsubishi 6D16 - 2AT Type A stroke-cycle, water cooled direct injection, turbo charged diesel engine 6 in line Piston displacement Aux. output Max. output Max. output Max. output Max. output/Max torque (JIS) Air compressor Generator/Alternator Drive Line Clutch Clutch Hydraulic control, coil spring type, single dry plate, Cerametallic, 350 mm Front axle Rear Axle Front Steering Steering Front Rear Front Rear Brakes Parking Parking Auxilliary Exhaust brake Electrical System Mitsubishi 6D16 - 2AT A stroke-cycle, water cooled direct injection, turbo charged diesel engine A stroke-cycle, water cooled direct injection, turbo charged diesel engine A stroke-cycle, water cooled direct injection, turbo charged diesel engine A stroke-cycle, water cooled direct injection, turbo charged diesel engine A stroke-cycle, water cooled direct injection, turbo charged diesel engine A stroke-cycle, water cooled direct injection, turbo charged diesel engine A stroke-cycle, water cooled direct injection, turbo charged diesel engine A stroke-cycle, water cooled direct injection, turbo charged diesel engine A stroke-cycle, water cooled diesel engine A	CALCULATED PERFORMANO	E			
Min. turning radius ENGINE Model Mitsubishi 6D16 - 2AT Type A stroke-cycle, water cooled direct injection, turbo charged diesel engine 6 in line Piston displacement Aux. output Max. output Max. output Max. output Max. output/Max torque (JIS) Air compressor Generator/Alternator Drive Line Clutch Clutch Hydraulic control, coil spring type, single dry plate, Cerametallic, 350 mm Front axle Rear Axle Front Steering Steering Front Rear Front Rear Brakes Parking Parking Auxilliary Exhaust brake Electrical System Mitsubishi 6D16 - 2AT A stroke-cycle, water cooled direct injection, turbo charged diesel engine A stroke-cycle, water cooled direct injection, turbo charged diesel engine A stroke-cycle, water cooled direct injection, turbo charged diesel engine A stroke-cycle, water cooled direct injection, turbo charged diesel engine A stroke-cycle, water cooled direct injection, turbo charged diesel engine A stroke-cycle, water cooled direct injection, turbo charged diesel engine A stroke-cycle, water cooled direct injection, turbo charged diesel engine A stroke-cycle, water cooled direct injection, turbo charged diesel engine A stroke-cycle, water cooled diesel engine A	Max. speed		88 km/h		
Min. turning radius ENGINE Model Mitsubishi 6D16 - 2AT Type 4 stroke-cycle, water cooled direct injection, turbo charged diesel engine No. of cylinders Piston displacement 7,545 cc Max. output 220P5/2,800rpm Max. output/Max torque (JIS) Air compressor Generator/Alternator Drive Line Clutch Hydraulic control, coil spring type, single dry plate, Cerametallic, 350 mm Transmission 6 Forward and 1 reverse speed 2nd to 6th; Sychromesh gears 1st & Rev. Constantmesh gears CHASSIS Front axle Rear Full floating type Tires &Wheels Front Rear Dual, 11R22.5-16PR Right hand steering. Ball nut type with integral type hydraulic booster Suspensions Front Laminated leaf springs with shock absorbers Rear Parking Parking Auxilliary Exhaust brake 12 volt x 2,65 ah at 20 hr rate	<u> </u>		27.5%		
Model Mitsubishi 6D16 - 2AT Type 4 stroke-cycle, water cooled direct injection, turbo charged diesel engine No. of cylinders 6 in line Piston displacement 7,545 cc Max. output 220P5/2,800rpm Max. output/Max torque (JIS) Reciprocating type, single cylinder Generator/Alternator 24 volts, AC, 35 amp / 24 volt, 35 amp Drive Line Clutch Hydraulic control, coil spring type, single dry plate, Cerametallic, 350 mm Transmission 6 Forward and 1 reverse speed 2nd to 6th; Sychromesh gears 1st & Rev. Constantmesh gears CHASSIS Front axle Reverse Elliot, "I" beam type Rear axle Full floating type Tires &Wheels Front Single, 11R22.5-16PR Rear Dual, 11R22.5-16PR Steering Rear Dual, 11R22.5-16PR Steering Right hand steering. Ball nut type with integral type hydraulic booster SUSPENSIONS Front Laminated leaf springs with shock absorbers Laminated leaf springs Fuel air, dual circuit, fixed 5 cam with maxi-chambers on rear wheels Spring loaded type on rear wheels by hand control valve Auxilliary Exhaust brake Electrical System 12 volt x 2,65 ah at 20 hr rate					
Model Mitsubishi 6D16 - 2AT Type	ENGINE				
Type A stroke-cycle, water cooled direct injection, turbo charged diesel engine 6 in line Piston displacement Ax. output Max. output/Max torque (JIS) Air compressor Generator/Alternator Drive Line Clutch Hydraulic control, coil spring type, single dry plate, Cerametallic, 350 mm Transmission 6 Forward and 1 reverse speed 2nd to 6th; Sychromesh gears 1st & Rev. Constantmesh gears CHASSIS Front axle Rear Front Steering Front Rear Front Rear Front Rear Front Steering Front Rear Brakes Parking Parking Auxilliary Exhaust brake Electrical System 6 Fine in line 6 Forward and 1 reverse speed 2nd to 6th; Sychromesh gears 1st & Rev. Constantmesh gears Front Single, 11R22.5-16PR Right hand steering. Ball nut type with integral type hydraulic booster Fuel air, dual circuit, fixed S cam with maxi-chambers on rear wheels Spring loaded type on rear wheels by hand control valve Exhaust brake Electrical System	Model		Mitsubishi 6D16 - 2AT		
Charged diesel engine			4 stroke-cycle, water cooled direct injection, turbo		
Piston displacement Max. output Max. output/Max torque (JIS) Air compressor Generator/Alternator Drive Line Clutch Clut	Type				
Piston displacement Max. output Max. output/Max torque (JIS) Air compressor Generator/Alternator Drive Line Clutch Clut	No. of cylinders		6 in line		
Max. output/Max torque (JIS) Air compressor Generator/Alternator Drive Line Clutch Transmission Transmission CHASSIS Front axle Rear Brakes Front Steering Front Steering Brakes Front Front Front Suspension Front Single, 11R22.5-16PR Rear Dual, 11R22.5-16PR Rear Auminated leaf springs with shock absorbers Rear Service Fuel air, dual circuit, fixed S cam with maxi-chambers on rear wheels Parking Auxilliary Exhaust brake Electrical System 626Nm/1,400rpm			7.545 cc		
Max. output/Max torque (JIS) Air compressor Generator/Alternator Drive Line Clutch Clutch Clutch Transmission CHASSIS Front axle Rear Rear Rear Right hand steering. Ball nut type with integral type hydraulic booster Steering Brakes Front Service Front Service Front Rear Full floating swith shock absorbers Rear Full floating type with maxi-chambers on rear wheels Parking Auxilliary Exhaust brake Spring loaded type on rear wheels Spring Land 100 type Exhaust brake Electrical System 6 Forward and 1 reverse speed 2nd to 6th; Sychromesh gears 1st & Rev. Constantmesh gears Promat A to 6 Forward and 1 reverse speed 2nd to 6th; Sychromesh gears 1st & Rev. Constantmesh gears Electrical System 6 Forward and 1 reverse speed 2nd to 6th; Sychromesh gears 1 Feverse speed 2nd to 6th; Sychromesh gears 1 Feverse speed 2nd to 6th; Sychromesh gears 1 Full floating type Fornt Single, 11R22.5-16PR Right hand steering. Ball nut type with integral type hydraulic booster Laminated leaf springs with shock absorbers Rear Fuel air, dual circuit, fixed S cam with maxi-chambers on rear wheels Spring loaded type on rear wheels by hand control valve Auxilliary Exhaust brake Electrical System	· ·		·		
(JIS) Air compressor Reciprocating type, single cylinder Generator/Alternator Drive Line Clutch Hydraulic control, coil spring type, single dry plate, Cerametallic, 350 mm Transmission Generator/Alternator Transmission Generator/Alternator Front ask Reverse Elliot, "I" beam type Rear ask Full floating type Tires &Wheels Front Rear Dual, 11R22.5-16PR Rear Steering Reight hand steering, Ball nut type with integral type hydraulic booster SUSPENSIONS Front Laminated leaf springs with shock absorbers Rear Laminated leaf springs Full air, dual circuit, fixed S cam with maxi-chambers on rear wheels Parking Auxilliary Exhaust brake Electrical System 12 volt x 2,65 ah at 20 hr rate	<u> </u>		· •		
Generator/Alternator Drive Line Clutch Hydraulic control, coil spring type, single dry plate, Cerametallic, 350 mm 6 Forward and 1 reverse speed 2nd to 6th; Sychromesh gears 1st & Rev. Constantmesh gears CHASSIS Front axle Rear axle Fill floating type Tires &Wheels Front Rear Right hand steering. Ball nut type with integral type hydraulic booster Rear Brakes Front Laminated leaf springs with shock absorbers Rear Brakes Service Fuel air, dual circuit, fixed 5 cam with maxi-chambers on rear wheels Parking Auxilliary Exhaust brake 12 volt x 2,65 ah at 20 hr rate	(JIS)		626Nm/1,400rpm		
Drive Line Clutch Hydraulic control, coil spring type, single dry plate, Cerametallic, 350 mm 6 Forward and 1 reverse speed 2nd to 6th; Sychromesh gears 1st & Rev. Constantmesh gears CHASSIS Front axle Rear axle Full floating type Tires &Wheels Front Rear Dual, 11R22.5-16PR Right hand steering. Ball nut type with integral type hydraulic booster SUSPENSIONS Front Laminated leaf springs with shock absorbers Rear Laminated leaf springs Rear Laminated leaf springs Fruel air, dual circuit, fixed 5 cam with maxi-chambers on rear wheels Parking Auxilliary Exhaust brake Electrical System Full floating type Full floating type	Air compressor		Reciprocating type, single cylinder		
Clutch Hydraulic control, coil spring type, single dry plate, Cerametallic, 350 mm 6 Forward and 1 reverse speed 2nd to 6th; Sychromesh gears 1st & Rev. Constantmesh gears CHASSIS Front axle Rear axle Full floating type Tires &Wheels Front Rear Dual, 11R22.5-16PR Rear Dual, 11R22.5-16PR Rear Right hand steering. Ball nut type with integral type hydraulic booster SUSPENSIONS Front Laminated leaf springs with shock absorbers Rear Laminated leaf springs Fuel air, dual circuit, fixed S cam with maxi-chambers on rear wheels Parking Spring loaded type on rear wheels by hand control valve Auxilliary Exhaust brake Electrical System 12 volt x 2,65 ah at 20 hr rate	Generator/Alternator		24 volts, AC, 35 amp / 24 volt, 35 amp		
Cerametallic, 350 mm Transmission 6 Forward and 1 reverse speed 2nd to 6th; Sychromesh gears 1st & Rev. Constantmesh gears CHASSIS Front axle Reverse Elliot, "I" beam type Rear axle Full floating type Tires &Wheels Front Rear Dual, 11R22.5-16PR Steering Right hand steering. Ball nut type with integral type hydraulic booster SUSPENSIONS Front Laminated leaf springs with shock absorbers Rear Laminated leaf springs Fuel air, dual circuit, fixed 5 cam with maxi-chambers on rear wheels Parking Parking Auxilliary Exhaust brake Electrical System 6 Forward and 1 reverse speed 2nd to 6th; Sychromesh gears Full floating type Full floating type Full floating type Slight hand steering. Ball nut type with integral type hydraulic booster Front Laminated leaf springs Fuel air, dual circuit, fixed 5 cam with maxi-chambers on rear wheels Spring loaded type on rear wheels by hand control valve Auxilliary Exhaust brake	Drive Line				
Transmission gears 1st & Rev. Constantmesh gears	Clutch				
CHASSIS Front axle Rear axle Full floating type Tires &Wheels Front Rear Steering Steering Front Front Rear Laminated leaf springs Rear Laminated leaf springs Front Rear Steering Brakes Front Front Front Front Front Laminated leaf springs with shock absorbers Rear Laminated leaf springs Fuel air, dual circuit, fixed S cam with maxi-chambers on rear wheels Parking Auxilliary Fyring loaded type on rear wheels Fyring loaded type on rear wheels Spring loaded type on rear wheels Fuel air, dual circuit, fixed S cam with maxi-chambers on rear wheels Spring loaded type on rear wheels by hand control valve Auxilliary Exhaust brake Electrical System	Transmission		6 Forward and 1 reverse speed 2nd to 6th; Sychromesh		
Rear axle Tires &Wheels Front Rear Single, 11R22.5-16PR Dual, 11R22.5-16PR Right hand steering. Ball nut type with integral type hydraulic booster SUSPENSIONS Front Rear Laminated leaf springs with shock absorbers Rear Laminated leaf springs Brakes Service Fuel air, dual circuit, fixed S cam with maxi-chambers on rear wheels Parking Parking Auxilliary Exhaust brake 12 volt x 2,65 ah at 20 hr rate	CHASSIS				
Tires &Wheels Front Single, 11R22.5-16PR Rear Dual, 11R22.5-16PR Steering Right hand steering. Ball nut type with integral type hydraulic booster SUSPENSIONS Front Laminated leaf springs with shock absorbers Rear Laminated leaf springs Brakes Service Fuel air, dual circuit, fixed S cam with maxi-chambers on rear wheels Parking Spring loaded type on rear wheels by hand control valve Auxilliary Exhaust brake Electrical System 12 volt x 2,65 ah at 20 hr rate	Front axle		Reverse Elliot, "I" beam type		
Tires &Wheels Front Single, 11R22.5-16PR Rear Dual, 11R22.5-16PR Steering Right hand steering. Ball nut type with integral type hydraulic booster SUSPENSIONS Front Laminated leaf springs with shock absorbers Rear Laminated leaf springs Brakes Service Fuel air, dual circuit, fixed S cam with maxi-chambers on rear wheels Parking Spring loaded type on rear wheels by hand control valve Auxilliary Exhaust brake Electrical System 12 volt x 2,65 ah at 20 hr rate	Rear axle		7.		
Rear Dual, 11R22.5-16PR Steering Right hand steering. Ball nut type with integral type hydraulic booster SUSPENSIONS Front Laminated leaf springs with shock absorbers Rear Laminated leaf springs Brakes Service Fuel air, dual circuit, fixed S cam with maxi-chambers on rear wheels Parking Spring loaded type on rear wheels by hand control valve Auxilliary Exhaust brake Electrical System 12 volt x 2,65 ah at 20 hr rate	Tires &Wheels	Front	- 7·		
Steering Right hand steering. Ball nut type with integral type hydraulic booster SUSPENSIONS Front Laminated leaf springs with shock absorbers Rear Laminated leaf springs Brakes Service Fuel air, dual circuit, fixed S cam with maxi-chambers on rear wheels Parking Spring loaded type on rear wheels by hand control valve Auxilliary Exhaust brake Electrical System 12 volt x 2,65 ah at 20 hr rate		Rear	Dual, 11R22.5-16PR		
Front Laminated leaf springs with shock absorbers Rear Laminated leaf springs Brakes Service Fuel air, dual circuit, fixed S cam with maxi-chambers on rear wheels Parking Spring loaded type on rear wheels by hand control valve Auxilliary Exhaust brake Electrical System 12 volt x 2,65 ah at 20 hr rate	Steering				
Front Laminated leaf springs with shock absorbers Rear Laminated leaf springs Brakes Service Fuel air, dual circuit, fixed S cam with maxi-chambers on rear wheels Parking Spring loaded type on rear wheels by hand control valve Auxilliary Exhaust brake Electrical System 12 volt x 2,65 ah at 20 hr rate	SUSPENSIONS				
Rear Laminated leaf springs Brakes Service Fuel air, dual circuit, fixed S cam with maxi-chambers on rear wheels Parking Spring loaded type on rear wheels by hand control valve Auxilliary Exhaust brake Electrical System 12 volt x 2,65 ah at 20 hr rate		Front	Laminated leaf springs with shock absorbers		
Brakes Service Fuel air, dual circuit, fixed S cam with maxi-chambers on rear wheels Parking Spring loaded type on rear wheels by hand control valve Auxilliary Exhaust brake Electrical System 12 volt x 2,65 ah at 20 hr rate					
Parking Spring loaded type on rear wheels by hand control valve Auxilliary Exhaust brake Electrical System 12 volt x 2,65 ah at 20 hr rate	Brakes		Fuel air, dual circuit, fixed S cam with maxi-chambers on		
Parking valve Auxilliary Exhaust brake Electrical System 12 volt x 2,65 ah at 20 hr rate			100		
Electrical System 12 volt x 2,65 ah at 20 hr rate		Parking	valve		
		Auxilliary			
Fuel Tank 130 litres x 2	Electrical System		12 volt x 2,65 ah at 20 hr rate		
	Fuel Tank		130 litres x 2		

FN				
MODEL	FN627RSRB12			
DRIVE CONFIGURATION	6 x 4			
DIMENSIONS (mm)				
Wheelbase	6,300			
Overall length	9,425			
Overall width	2,460			
Overall height, approx	2,675			
Tread	1,920 (front) - 1,845 (rear)			
WEIGHTS (kg)				
Kerb weight	6,860			
Axle	2,960 (front) - 3,900 (rear)			
GVW	22,000			
Front	5,400			
Rear	16,600			
CALCULATED PERFORMAN	CE			
Max. speed	86 km/h			
Gradeability	33.5%			
Min. turning radius	10m			
ENGINE				
Model	6D 16-2AT2			
Туре	4 stroke-cycle, water cooled direction injection, turbo charged			
No. of cylinders	6 in line			
Capacity	7,545 cc			
Max. output (ps/rpm)	220PS/2,800rpm			
Max. torque (Nm(kgm)/	626Nm/1,400rpm			
rpm)	<u></u>			
Air compressor	Recipricating type, single cylinder, 301 cc air cooled			
Generator	24 volt, AC, 35 amp			
Air cleaner	Dry Paper dual element			
Suction	Snorkel			
Governor	All speed type			
Change air cooler	Air to air			
TRANSMISSION				
Туре	10 forward & 1 reverse			
Clutch	350mm HYD, control coil SPR.S.D.P			
Final reduction gear	Single reduction, hypoid gear			
Diff. model	D10HT/D10H			
Diff. gear ratio	6,666/2 reverse			
OTHER FEATURES				
Steering	R.H.D. with steering lock			
Service brake	Air over Hydraulic with dual circuit			
Parking brake	Internal expanding type on propeller shaft			
Auxilliary	Exhaust brakes			
Front suspension	Larn leaf SPR. with double			
	Acting shock absorbers			
D .	1,400mmx80mmx12mm-9			
Rear suspension	Inv and lam leaf SPR, with turn base radius rods			
Tyres	11R22.5-14PR			
Battery	12Vx2, 56AH at 5hr/70Ah at 20hr			
A-C generator	24 volt, AC, 35 amp			
Fuel tank capacity	200x2			



FJ TIPPER			
MODEL			
DRIVE CONFIGURAT	ION		
DIMENSIONS (mm)			
Wheelbase		4,950	
Overall length		7,160	
Overall Width		2,490	
Overall Height, appr	ox	2.975	
Tread	Front	2,040	
	Rear	1,804	
WEIGHTS (kg)			
Kerb weight *		8,040	
Max. GVW		25,000	
CALCULATED PERFO	RMANCE		
Max. Speed	Km/h	90	
Max. Gradability	(tan θ) %	43.5% (Crawler)	
ENGINE			
Model		6S20, 6.37-liter, 3-valve per Cyl.	
Туре		4-stroke cycle, water cooled direct injection, turbocharged diesel engine	
Max. Output		230PS/2,200rpm	
Max. Torque		810Nm/1,200rpm to 1600rpm	
Alternator		28V/80A	
DRIVE LINE			
Clutch		Hydraulic control, diaphram spring, single dry plate with concentric slave cylinder (CSC)	
Transmission		9/-speed manual transmission	
Gear ratios		9.48-6.64-8.82-3.67-2.59-1.81-1.32-1.0-Rev 13.86-(Crawler 14.57)	
Final reduction gear		Full floating, topoid gears	
Ratio		4.778	
CHASSIS			
Axle Capacity (kg)	Front	6,000	
	Rear	(1st+2nd) 19,000(10,200+8,800)	
Tire	Front	Tubeless 12R22.5	
Rear		Tubeless 12R22.5	
Suspension		Front: parabolic, Rear: semi-elliptic, bogie	
Brake	Service	Full air, S-Cam, dual circuit	
	Parking	Spring actuated, pneumatically operated with hand brake valve	
	Exhaust	Standard	
Fuel tank capacity		250L	
Electrical System - b	atteries	(24V) Batteries 2x12V, 120Ah	

FITIPPER				
MODEL	FIV2PFX2R			
DRIVE CONFIGURATION	4x2			
DIMENSIONS (mm)				
Wheelbase		3,760		
Overall length		6,035		
Overall width		2,135		
Overall height, approx		2,455		
Tread	Front	1,790		
	Rear	1,695		
WEIGHTS (kg)				
Kerb weight		3,910		
Max. GW		13,000		
CALCULATED PERFORMAN	CE			
Max. Speed	km/h	104		
Max.greadeability	(tanθ)%	33.8%		
ENGINE				
Model	4D37, 3.907 -litre, 4-valve per Cyl.			
Туре	4-stroke	4-stroke cycle, water cooled direct injection, turbocharged diesel engine		
Max.output	170PS/2,500rpm			
Max.torque	520Nm/1,500rpm			
Alternator	24V/50A			
DRIVE LINE				
Clutch	Single dry plate, diaphragm spring, hydraulic contrl with air assisted booster			
Transmission	6-speed manual transmission			
Gear ratios	6.696-3.806-2.289-1.480-1.000-0.728-Rev: 6.294			
Final reduction gear	Full floating type single reduction, hypoid			
Gear ratio	6.33			
CHASSIS				
Axle capacity kg	front	4,700		
	rear	8,300		
Tire	front	Single, 8.25-20-16PR		
	rear Dual, 8.25-20-16PR			
Supension		Semi-elliptic, laminated leaf springs		
Brake service		Full air, S-cam, dual circuit		
parking		Spring actuated, pneumatically operated with hand brake valve		
exhaust	Standard			
Fuel tank capacity	160L			
Electrical system- batteries	2x12V, 75Ah			

FZ TRACTOR					
MODEL		FZ3WJR2R			
DRIVE CONFIGURATION		6x4			
DIMENSIONS (mm)					
Wheelbase		4,650			
Overall length		6,865			
Overall width		2,490			
Overall height, approx		2,975			
Tread	Front	2,040			
	Rear	1,805			
WEIGHTS (kg)					
Kerb weight		8,480			
Max. GVW		25,000			
Max. GCW		49,000			
CALCULATED PERFORMANC	E				
Max. Speed	km/h	90			
Max.greadeability	(tanθ)%	27.27% (Crawler)			
ENGINE					
Model		6S20, 6.37 -litre, 3-valve per Cyl.			
Туре	4-stro	4-stroke cycle, water cooled direct injection, turbocharged diesel engine			
Max.output		280PS/2,200 rpm			
Max.torque		1,100Nm/1,200rpm to 1,600rpm			
Alternator		24V/80A			
DRIVE LINE					
Clutch	C	Dry - Single plate, Hydraulic actuated control with servo assistance			
Transmission		9-speed manual transmission			
Final reduction gear		Full floating, topoid gears			
CHASSIS					
Axle capacity kg	front	6,000			
	rear	19,000			
Tire	front	Single, 295/80R22.5			
	rear	Dual, 295/80R,22.5			
Supension		Front: parabolic Rear: Inverted semi-elliptic (bogie)			
Brake service		Full air, S-cam, dual circuit			
parking		Spring actuate, pneumatically operated with hand brake valve			
exhaust and engine		Standard			
Fuel tank capacity		380L (additional fuel tank of 200L as option)			
Electrical system-batteries		2x12V, 120Ah			
Fifth wheel coupling mm					
Height		242 (with mounting bracket)			
Optimum King pin offset		325			





FJ RIGID 6×2



FJ CONCRETE MIXER				
MODEL	FJX3WK2R			
DRIVE CONFIGURATION	N 6x4			
DIMENSIONS (mm)				
Wheelbase		4,275		
Overall length		8,530		
Overall width		2,500		
Tread	front	2,040		
	rear	1,805		
WEIGHTS (kg)				
Kerb weight *		11,740		
Max. GVW		25,000		
CALCULATED PERFORM	IANCE			
Max.speed	km/h	90		
Max.gradeability	(tanθ)%	62.7%		
ENGINE				
Model		6S20, 6.37-liter, 3-valve per Cyl.		
Туре	4-stroke cycle, water cooled direct injection, turbocharged diesel engine			
Max.output	280PS/2,200rpm			
Max.torque	1100Nm/1,200rpm to 1,600rpm			
Alternator	28V/80A			
DRIVE LINE				
Clutch	Dry - Single plate, Hydraulic actuated control with servo assistance, 395mm			
Transmission	9/-speed manual transmission			
Final reduction gear		Full floating, hypoid gears		
CHASSIS				
Axle Capacity kg	front	6,000		
	rear(1st+2nd)	19,000(10,200+8,800)		
Tire	front	Single, 12R22.5		
	rear	Dual, 12R22.5		
Suspension	front	Parabolic – Multi leaf spring with Anti – roll bar		
	rear	Inverted Semi elliptic (Bogie)- Multi leaf spring		
Brake	service	Pneumatic ,Foot operated, Dual line acting on all wheels		
	parking	Pneumatically operated Spring brake actuator acting on rear axle		
	exhaust	Standard		
Fuel tank capacity	250L			
r der turik capacity				

MODEL	FJY1WN1R			
DRIVE CONFIGURATION	6x2			
DIMENSIONS (mm)				
Wheelbase	5,850			
Overall length		9,867		
Overall width		2,490		
Overall height, approx.		2,960		
Tread	front	2,040		
	rear	1,804		
WEIGHTS (kg)				
Kerb weight *		7,180		
Max. GVW		25,000		
CALCULATED PERFORMANCE				
Max.speed	km/h 105			
Max.gradeability	(tanθ)% 23%			
ENGINE				
Model		6S20, 6.37-liter, 3-valve per Cyl.		
Туре	4-stro	ke cycle, water cooled direct injection, turbocharged diesel engine		
Max.output	230PS/2,200rpm			
Max.torque	810Nm/1,200rpm to 1,600rpm			
Alternator	28V/80A			
DRIVE LINE				
Clutch	Hydraulic control, diaphragm spring, single dry plate with concentric slave cylinder (CSC)			
Transmission	6-speed manual transmission			
Final reduction gear	Full floating, hypoid gears			
CHASSIS				
Axle Capacity kg	front	6,000		
	rear (1st+2nd)	19,000(10,200+8,800)		
Tire	front	Single, 10.00-20-16PR		
	rear Dual, 10.00-20-16PR			
Suspension	Front: parabolic Rear: semi-elliptic, balancer			
Brake	service Full air, S-cam, dual circuit			
	parking Spring actuated, pneumatically operated with hand brake valve			
	exhaust Standard			
Fuel tank capacity	370L			
Electrical system - batteries	2x12V, 120Ah			

CANTER				
MODEL	FE71CBN4RB11	FE84CE6RB11	FE85CG6RB11	
DIMENSIONS mm (inch)				
Wheelbase	2,500 mm (98.4)	3,350 mm (131.9)	3,850 mm (151.6)	
Overall length	4,630 mm (182)	6,030 mm (237.4)	6,750mm (265.7)	
Overall height, approx	1,995 mm (78.5)	2,220mm (86.6)	2,210 mm (87.0)	
DIMENSIONS (mm)				
Cab to rear axle	2,030 mm (80.0)	2,825 mm (111.2)	3,325 mm (130.9)	
Cab to end frame	3,190 mm (125.6)	4,305 mm (169.5)	5,025 m (197.8)	
WEIGHTS kg (lb)				
Max G.V.W	4,700 kg (10, 340)	6,200 kg (13,640)	7,200 kg (15,840)	
Kerb weight, aprox	1,905 kg (4,147)	2,320 kg (5,016)	2,455kg (5,401)	
CALCULATED PERFORMACE				
Max speed (km/h)	116 km/h	110 km/h	115 kmh	
Max gradeability (tanθ)%	58.0%	40.5%	34.50%	
Mi. turning radius (m)	5.1m	6.0m	6.8m	
ENGINE				
Model		4D33-6A		
Туре	4 S	ΓORKE -Direct injecti	on	
No. of cylinders		4- Inline		
Piston displacement		4,214cc		
Max. output		113PS/3,200rpm		
Max. torque		304Nm/1,600rpm		
Alternator		24 Volt Ac, 50 Amp		
DRIVE LINE				
Clutch	Hydraulic control, Singl	e dry plate – (Woven	1)	
Transmission	5 forward &1 reverse, 1s constant mesh gear	t to 5 th synchromesh	gears. Rev	
CHASSIS				
Axle (front)	Rev	erse Elliot "I" beam ty	rpe	
Axle (rear)	Full floating type			
Tyres ALL RADIAL TYRES. (front)	700 R16/12PR	700 R16/12PR	750R16/12PR	
Tyres ALL RADIAL TYRES. (back)	700 R16/12PR	700 R16/12PR	750R16/12PR	
Steering	Ball nut type integral type hydraulic Power Booster			
Suspension (Front Stabilizer bar)	Laminated Leaf Springs with Shock Absorbers			
Shock Absorbers				
Brakes (service)	Hydraulic with Vacuum Servo assistance, dual circuit			
Brakes (parking)	Internal expanding type on propeller shaft			
Brakes (exhaust)		Exhaust brake		
Fuel Tank Capacity	70 litres 100 + 70 litres			
Electrical system (batteries)	24 volts			





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