




# FUSO FIGHTER

	Fighter FK617KHL Drive system : 4x2 Chassis-Cabin	Fighter FM657LL Drive system : 4x2 Chassis-Cabin
		
<b>Dimensions (mm) :</b>		
Wheelbase	4 760	5 080
Overall Length	8 175	8 705
Overall width	2 370	2 425
Overall Height approx.	2 550	2 690
Tread Front	1 790	1 925
Tread rear	1 665	1 820
Ground Clearance approx.	270	265
Cab to rear axle	4 015	4 335
Cab to end of frame	6 105	6 635
Frame width	840	840
Front Overhang	1 245	1 245
Rear Overhang	2 090	2 300
<b>Weights (kgs) :</b>		
Kerb weight	3 320	4 230
Max G.V.W.	11 000	15 100
<b>Calculated Performance :</b>		
Max. speed km/h	112	96
Max. gradeability %	30.0	25.0
Min. turning radius m	8.5	8.5
<b>Engine</b>		
Model	Mitsubishi Fuso 6D16-1A	Mitsubishi Fuso 6D16-1A
Type	4 stroke-cycle, water cooled direct injection diesel engine	4 stroke-cycle, water cooled direct injection diesel engine
No of cylinders	6 in line	6 in line
Piston displacement	7.545 L	7.545 L
Max. output	140 kw (190 PS) at 2 900 rpm	140 kw (190 PS) at 2 900 rpm
Max. torque	520 N-m at 1 400 rpm	520 N-m at 1 400 rpm
Air Cleaner	Cyclonic dry paper element, 218.9 mm outside dia. With air restriction indicator	Cyclonic dry paper element, 218.9 mm outside dia. With air restriction indicator
Alternator	24 Volt, 35 Amp.	24 Volt, 35 Amp.
<b>Drive Line</b>		
Clutch	Hydraulic control, coil spring, single dry plate with power cylinder	Hydraulic control, coil spring, single dry plate with power cylinder
Transmission	5 forward and 1 reverse speed, 2nd to 5th synchromesh, 1st and rev. Constantmesh gears	5 forward and 1 reverse speed, 2nd to 5th synchromesh, 1st and rev. Constantmesh gears
gear ratio	6.875-4.189-2.311-1.409-1.000, Rev 6.875	6.875-4.189-2.460-1.542-1.000, Rev 6.875
Final reduction gear (front & rear) ratio (front & rear)	Single reduction, Hypoid gear 4.875	Single reduction, Hypoid gear 6.166
<b>Chassis</b>		
Axle Front	Reverse Elliot, "I" beam	Reverse Elliot, "I" beam
Axle rear	Full floating type	Full floating type
Tire Front	Single, 8.25R20-14PR	Single, 10.00R20-16PR
Tire Rear	Dual, 8.25R20-14PR	Dual, 10.00R20-16PR
Steering	Ball-nut type with integral type hydraulic power booster, Telescopic and tilt steering column with steering lock	Ball-nut type with integral type hydraulic power booster, Telescopic and tilt steering column with steering lock
Suspension	Semi-elliptic, laminated leaf springs	Semi-elliptic, laminated leaf springs
Shock absorbers	Hydraulic single acting telescopic type in front axle	Hydraulic single acting telescopic type in front axle
Brake Service	Air over hydraulic, dual circuit	Air over hydraulic, dual circuit
Brake parking	Internal expanding type on propeller shaft at rear of transmission	Internal expanding type on propeller shaft at rear of transmission
Brake exhaust	Air operated butterfly vale type	Air operated butterfly vale type
Fuel tank capacity L	100	200
Electrical system-batteries	24 Volt, regulated control-12 Volt x 2,65 Ah (234kC) at 20 hr rate (65D23R) - 52 Ah (187kC) at 5 hr rate (65D23R)	24 Volt, regulated control-12 Volt x 2,65 Ah (234kC) at 20 hr rate (65D23R) - 52 Ah (187kC) at 5 hr rate (65D23R)
<b>Cabin</b>		
Construction	Tilt type with torsion bar, all steel welded construction	Tilt type with torsion bar, all steel welded construction