



**MODEL CODING SYSTEM** For example : BE637JLMDH

Digit	①	②	③	④	⑤	⑥	⑦	⑧	⑨	⑩
Classification	<b>B</b>	<b>E</b>	<b>6</b>	<b>3</b>	<b>7</b>	<b>J</b>	<b>L</b>	<b>M</b>	<b>D</b>	<b>H</b>
Symbol	BE: 5.2-6.1 ton, 4X2 Diesel		3: Rigid suspension 4: Independent suspension	5: 4D32, 110PS 7: 4D33, 130PS	E: 3490mm G: 3995mm J: 4550mm	L: LHD R: RHD	M: With Cooler	S: Standard U: Custom	H: High roof	

# MITSUBISHI FUSO

# *ROSA*

## BE SERIES

**OPTIONAL EQUIPMENTS**

(★: Installed, -: NOT INSTALLED, ○: Option)

	STANDARD				CUSTOM	REMARKS
	S	MS	SH	MSH	MUH	
<b>INTERIOR</b>						
Cooler	-	★	-	★	★	
Heater & Defroster (Front & Rear)	○	○	○	○	○	
Heater & Defroster (Front Only)	○	○	○	○	○	
Low back passenger seat (Fixed,Vinyl)	★	★	★	★	-	
High back passenger seat (Fixed,Vinyl)	○	○	○	○	-	
High back passenger seat (Fixed,Fabric)	○	○	○	○	-	
High back passenger seat (Reclining,Fabric)	○	○	○	○	★	
High back passenger seat (Reclining,Fabric) + Seat pocket & holder	-	-	-	-	○	
2 X 2 type High back seat<Fixed, Vinyl>(Only for G,J Wheel base)	○	○	○	○	-	
2 X 2 type High back seat<Fixed, Fabric>(Only for G,J Wheel base)	○	○	○	○	-	
Arm rest	○	○	○	○	○	
Passenger seat less	○	○	○	○	○	
Sub seat less (Folding type)	○	○	○	○	○	
Folding type rearmost seat	○	○	○	○	○	
Seat belt for driver (3 POINTS & ELR)	★	★	★	★	★	
Seat belt for passenger (2 POINTS)	○	○	○	○	○	
Spare sunvisor	★	★	★	★	★	
Ashtrays for passengers	○	○	○	○	○	
Grab rail on the ceiling (High roof only)	-	-	○	○	○	
Parcel racks	-	-	○	○	○	
Fire extinguisher	○	○	○	○	○	
Carpet for driver	-	-	-	-	○	
Bottle cooler	-	-	-	-	○	
Curtain	○	○	○	○	○	
<b>EXTERIOR</b>						
Automatic folding type door (Vacuum type)	○	○	○	○	○	
Automatic swing glide door	-	-	-	-	○	
Emergency door (Rear)	○	○	○	○	○	
Black front mask garnish	○	○	○	○	★	
Heat absorbing glass (front, side & rear)	★	★	★	★	★	
Green glass (front, side & rear)	★	★	★	★	-	
Bronze glass (front, side & rear)	○	○	○	○	★	
Privacy dark gray glass (side) + Rear curtain	-	○	-	○	○	
Upper tinted glass (front)	○	○	○	○	○	
Wiper & Washer for rear window	○	○	○	○	★	
Front under view mirror	○	○	○	○	○	
Rear under view mirror	○	○	○	○	○	
Protection bar for windows	○	○	○	○	○	
Touch-up paint	★	★	★	★	★	
<b>ELECTRICAL</b>						
AM Radio with mono speaker	○	○	○	○	-	
AM/FM radio & cassette, for 4 speakers	○	○	○	○	★	
Microphone	-	-	-	-	○	
AM/FM radio & cassette, for 4 speakers + microphone	○	○	○	○	-	
Cigarette lighter	○	○	○	○	★	
Digital clock	○	○	○	○	★	
Reverse warning buzzer	★	★	★	★	★	
Fog lamps	○	○	○	○	○	
Step lamp	○	○	○	○	○	
Tachograph (only for LHD)	○	○	○	○	○	
Heavy duty battery (N70Z x 2) <75D31R x 2>	○	○	○	○	○	
<b>ENGINE</b>						
Aneroid compensator (High altitude engine)	○	○	○	○	○	
Alternator 80A	-	○	-	○	○	STANDARD for J wheelbase models
Glow plugs (Consult your local dealer)	○	○	○	○	○	
Tachometer	○	○	○	○	○	
Center bolt type oil & fuel filter	○	○	○	○	○	
Snorkel type air intake system	○	○	○	○	○	
<b>CHASSIS</b>						
Power steering	★	★	★	★	★	
Radial tires	★	★	★	★	★	
Ply up Tire (Rear)	○	○	○	○	○	
Spare radial tires & tools	★	★	★	★	★	
Exhaust brake system	★	★	★	★	★	
Front disc brake	○	○	○	○	○	
Anti - lock brake system (Consult your local dealer)	○	○	○	○	○	
Mile meter (only for LHD)	○	○	○	○	○	
Lockable fuel tank cap	○	○	○	○	○	
Heavy duty spring (Fr & Rr)	○	○	○	○	○	

Annotation: For optional equipment of -MSH rear swing-out door models, please consult your local dealer.

**NOTE:**

These specifications are subject to change without notice.  
Please contact your local MITSUBISHI FUSO dealer for detailed specifications and equipment available in your market.

4X2 FRONT ENGINE BUS Seating Capacity: 26/30/34



# BE 635 SERIES SPECIFICATIONS

Type	STANDARD ROOF				HIGH ROOF						
Model	Roof	STANDARD ROOF		HIGH ROOF		STANDARD ROOF		HIGH ROOF			
	Grade	STANDARD	STANDARD	STAN	DARD	STANDARD	STANDARD	STANDARD	STANDARD		
	L.H.D.	BE635ELS	BE635ELSH	BE635	ELMSH	BE635GLS	BE635GLSH	BE635GLMSH	BE635GLMSH		
	R.H.D.	BE635ERS	BE635ERSH	BE635	ERMSH	BE635GRS	BE635GRSH	BE635GRMSH	BE635GRMSH		
Seating Capacity (Persons)		26				30					
<b>DIMENSIONS mm(in)</b>											
Wheelbase		3,490 (137.4)				3,995 (157.3)					
Overall length		6,245 (245.9)				6,990 (275.2)					
Overall width						2,010 (79.1)					
Overall height, approx.		2,440 (96.1)		2,630 (103.5)		2,440 (96.1)		2,630 (103.5)			
Tread		front		1,655 (65.2)		rear		1,495 (58.9)			
Ground clearance, approx.		190 (7.5)									
Body inside		length		5,480 (215.7)		width		6,225 (245.1)			
		width		1,845 (72.6)		height		1,860 (73.2)			
Front overhang		1,670 (65.7)		1,860 (73.2)		940 (37.0)					
Rear overhang		1,800 (70.9)				2,040 (80.3)					
<b>WEIGHTS kg(lb)</b>											
Empty vehicle weight*		3,200 (7,055)		3,210 (7,075)		3,310 (7,295)		3,345 (7,375)			
Max. G. V. W.		5,200 (11,465)				3,360 (7,405)		5,600 (12,345)			
3,475 (7,660)											
<b>CALCULATED PERFORMANCE</b>											
Max. speed		km/h(mph)		115 (71.5)		40.5		113 (70.3)			
Max. gradeability		(tanθ)%		38.0		37.0					
Max. turning radius		m(ft)		6.1(20.1)		6.9 (22.7)					
<b>ENGINE</b>											
Model						MITSUBISHI FUSO 4D32-2A					
Type		4 stroke-cycle,				water-cooled direct injection diesel engine					
No. of cylinders						4 in line					
Piston displacement						3,567cc (217.7cu.in.)					
Max. output		81kW (110PS) (JIS),				78kW (106PS) (DIN), 76kW (102hp) (SAE,Gross) at 3,500rpm (58.3r/s)					
Max. torque		255N·m (188lb·ft,26.0kg·m)				(JIS), 251N·m (185lb·ft,25.6kg·m) (DIN), 240N·m (177lb·ft,25.6kg·m) (SAE,Gross) at 1,800rpm (30.0r/s)					
Air cleaner						Dry paper element					
Alternator						24 Volt, 35 Amp., 24 Volt, 50 Amp. (with cooler)					
<b>DRIVE LINE</b>											
Clutch		Hydraulic				control, with power booster, diaphragm single dry plate					
Transmission		type		5 forward		and 1 reverse speed, 1st to 5th, Rev. synchromesh gears					
		gear ratios				5.181-2.865-1.593-1.000-0.739 Rev. 5.181					
Final reduction gear		ratio				5.714		Single reduction, hypoid gear		6.142	
<b>CHASSIS</b>											
Axle		front				Reverse Elliot, "I" beam					
		rear				Full floating type					
Tire		front				Single 7.00R-16-10PR					
		rear				Dual 7.00R-16-8PR					
Steering		Integral type				hydraulic power booster, tilt steering column with steering lock					
Suspensions						Parabolic, laminated leaf spring, with front stabilizer					
Shock absorbers		Hydraulic				double acting telescopic type on front and rear axles					
Brake		service		Drum type brake		(Front & Rear), hydraulic with vacuum servo assistance divided line					
		parking		Internal		expanding type on propeller shaft at rear of transmission					
Fuel tank capacity						100 lits (22.0imp.gals. or 26.4 U.S.gals.)					
Electrical system-batteries		24 Volt, regulated control 12 Volt				×2,60 Ah (216 kC) at 20 hr rate (55D26R), 48 Ah (173 kC) at 5 hr rate (55D26R)					
<b>BODY</b>											
Substructure		Pressed steel				girder construction of crossmember with welded longitudinal sill					
Construction		Pressed steel girder				construction of pillars with spot welded outside panels and roof panel					

## ANNOTATION

- All weights shown are subject to 2.5% variation to allow for production tolerances. Empty vehicle weights include oil, fuel and water.

# BE 637 SERIES SPECIFICATIONS

Type	Model																		
Roof	STANDARD ROOF				HIGH ROOF				STANDARD ROOF				HIGH ROOF				HIGH ROOF (swing-out type rear doors)		
Grade	STANDARD	STANDARD	STANDARD	CUSTOM	STANDARD	STANDARD	STANDARD	STANDARD	CUSTOM	STANDARD	STANDARD	STANDARD	STANDARD	CUSTOM	STANDARD				
L.H.D.	BE637ELS	BE637ELSH	BE637ELMSH	BE637ELMUH	BE637GLS	BE637GLSH	BE637GLMSH	BE637GLMUH	BE637GLMSHJ	BE637JLS	BE637JLSH	BE637JLMSH	BE637JLMUH	BE637JLMSHJ					
R.H.D.	BE637ERS	BE637ERSH	BE637ERMESH	BE637ERMUH	BE637GRS	BE637GRSH	BE637GRMSH	BE637GRMUH	BE637GRMSHJ	BE637JRS	BE637JRSH	BE637JRMSH	BE637JRMUH	BE637JRMSHJ					
Seating Capacity (Persons)	26				30				1				34				1		
<b>DIMENSIONS</b> mm(in)																			
Wheelbase	3,490 (137.4)				3,995 (157.3)				4,550 (179.1)										
Overall length	6,245 (245.9)				6,990 (245.9)				7,730 (304.3)										
Overall width					2,010 (79.1)														
Overall height, approx.	2,440 (96.1)	2,630 (103.5)				2,440 (96.1)				2,630 (103.5)				2,440 (96.1)					
Tread	front				1,655 (65.2)				rear				1,495 (58.9)						
Ground clearance, approx.	190 (7.5)																		
Body inside	length	5,485 (215.9)	5,480 (215.7)				6,225 (245.1)				6,250 (246.1)				6,965 (274.2)				6,990 (275.2)
	width	1,845 (72.6)	1,845 (72.6)																
	height	1,670 (65.7)	1,860 (73.2)				1,670 (65.7)				1,860 (73.2)				1,670 (65.7)				1,860 (73.2)
Front overhang	940 (37.0)																		
Rear overhang	1,800 (70.9)				2,040 (80.3)				2,225 (87.6)										
<b>WEIGHTS</b> kg(lb)																			
Empty vehicle weight*	3,220 (7,100)	3,230 (7,120)	3,330 (7,340)	3,350 (7,385)	3,365 (7,415)	3,380 (7,285)	3,495 (7,705)	3,530 (7,780)	3,200 (7,055)	3,625 (7,900)	3,640 (8,025)	3,770 (8,310)	3,820 (8,420)	3,435 (7,570)					
Max. G. V. W.	5,200 (11,465)				5,600 (12,345)				6,100 (13,450)										
<b>CALCULATED PERFORMANCE</b>																			
Max. speed	km/h(mph)	120 (74.5)				115 (71.5)				105 (65.2)									
Max. gradeability	(tanθ)%	43.5				47.5				43.5				42					
Max. turning radius	m(ft)	6.1 (20.7)				6.1 (20.1)				6.9 (22.7)				7.7 (25.3)					
<b>ENGINE</b>																			
Model	MITSUBISHI FUSO 4D33-4A																		
Type	4 stroke-cycle, water-cooled direct injection diesel engine																		
No. of cylinders	4 in line																		
Piston displacement	4,214cc (257.1cu.in.)																		
Max. output	96kW (130 PS) (JIS), 92kW (125 PS) (DIN), 90kW (121 hp) (SAE, Gross) at 3,200 rpm (53.3 r/s)																		
Max. torque	304 N·m (224 lb·ft, 31.0kg·m) (JIS), 299 N·m (221 lb·ft, 30.5kg·m) (DIN), 287 N·m (212 lb·ft, 29.3kg·m) (SAE, Gross) at 1,800 rpm (30.0r/s)																		
Air cleaner	Dry paper element																		
Alternator	(E)(G) 24 Volt, 35 Amp., 24 Volt, 50 Amp. (with cooler), (J) 24 Volt, 35 Amp., 24 Volt, 80 Amp. (with cooler)																		
<b>DRIVE LINE</b>																			
Clutch	Hydraulic control, with power booster, diaphragm single dry plate																		
Transmission	type	5 forward and 1 reverse speed, 1st to 5th, Rev. synchromesh gears																	
	gear ratios	5.380-3.028-1.700-1.000-0.722 Rev. 5.380																	
Final reduction gear	Single reduction, hypoid gear																		
	ratio	5.285	5.714				5.714				6.142								
<b>CHASSIS</b>																			
Axle	front	Reverse Elliot, "I" beam																	
	rear	Full floating type																	
Tire	front	Single 7.00R-16-10PR								Single 7.00R-16-12PR									
	rear	Dual 7.00R-16-8PR																	
Steering	Integral type hydraulic power booster, tilt steering column with steering lock																		
Suspensions	Parabolic, laminated leaf spring, with front stabilizer (Front & Rear stabilizer for J wheelbase models)																		
Shock absorbers	Hydraulic double acting telescopic type on front and rear axles																		
Brake	service	Drum type brake (Front & Rear), hydraulic with vacuum servo assistance divided line																	
	parking	Internal expanding type on propeller shaft at rear of transmission																	
Fuel tank capacity	100 lits (22.0 Imp.gals. or 26.4 U.S.gals.)																		
Electrical system-batteries	24 Volt, regulated control : 12 Volt x 2, 60 Ah (216 kC) at 20 hr rate (55D26R), 48 Ah (173 kC) at 5 hr rate (55D26R)																		
<b>BODY</b>																			
Substructure	Pressed steel girder construction of crossmember with welded longitudinal sill																		
Construction	Pressed steel girder construction of pillars with spot welded outside panels and roof panel																		

## ANNOTATION

- All weights shown are subject to 2.5% variation to allow for production tolerances. Empty vehicle weights include oil, fuel and water.

# BE 647 SERIES SPECIFICATIONS

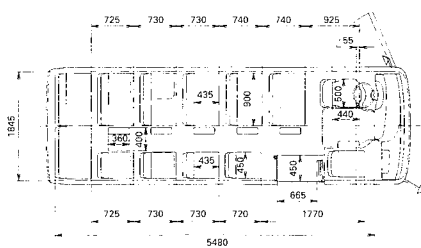
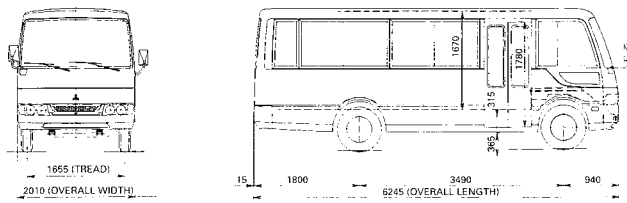
Type	STANDARD ROOF		HIGH ROOF		STANDARD ROOF
Model	Roof				
	Grade	STANDARD	STANDARD	CUSTOM	STANDARD
	L.H.D.	BE647GLMS	BE647GLMSH	BE647GLMUH	BE647JLMS
	R.H.D.	—	BE647GRMSH	BE647GRMUH	—
Seating Capacity (Persons)		30			34
<b>DIMENSIONS mm(in)</b>					
Wheelbase		3,995 (157.3)			4,550 (179.1)
Overall length		6,990 (245.9)			7,730 (304.3)
Overall width			2,010 (79.1)		
Overall height, approx.		2,440 (96.1)	2,630 (103.5)		2,440 (96.1)
Tread	front		1,655 (65.2)		
	rear		1,495 (58.9)		
Ground clearance, approx.			190 (7.5)		
Body inside	length	6,230 (245.3)			6,970 (274.4)
	width		1,845 (72.6)		
	height	1,670 (65.7)	1,860 (73.2)		1,670 (65.7)
Front overhang			940 (37.0)		
Rear overhang		2,040 (80.3)			2,225 (87.6)
<b>WEIGHTS kg(lb)</b>					
Empty vehicle weight*		3,510 (7,735)	3,520 (7,760)	3,555 (7,835)	3,765 (8,300)
Max. G. V. W.		5,600 (12,345)			6,100 (13,450)
<b>CALCULATED PERFORMANCE</b>					
Max. speed	km/h(mph)	115 (71.5)			105 (65.2)
Max. gradeability	(tan $\theta$ )%	43.5			42.0
Max. turning radius	m(ft)	6.4 (21.1)			7.2 (23.7)
<b>ENGINE</b>					
Model	MITSUBISHI FUSO 4D33-4A				
Type	4 stroke-cycle, water-cooled direct injection diesel engine				
No. of cylinders	4 in line				
Piston displacement	4,214cc (257.1cu.in.)				
Max. output	96kW (130 PS) (JIS), 92kW (125 PS) (DIN), 90kW (121 hp) (SAE,Gross) at 3,200 rpm (53.3 r/s)				
Max. torque	304 N·m (224 lb·ft,31.0kg·m) (JIS), 299 N·m (221 lb·ft,30.5kg·m) (DIN), 287 N·m (212 lb·ft,29.3kg·m) (SAE,Gross) at 1,800 rpm (30.0r/s)				
Air cleaner	Dry paper element				
Alternator	(G)24 Volt, 50 Amp.(with cooler) (J)24 Volt, 80 Amp. (with cooler)				
<b>DRIVE LINE</b>					
Clutch	Hydraulic control, with power booster diaphragm single dry plate				
Transmission	type	5 forward and 1 reverse speed, 1st to 5th Rev. synchromesh gears			
	gear ratios	5.380-3.028-1.700-1.000-0.722 Rev. 5.380			
Final reduction gear	ratio	5.714			6.142
<b>CHASSIS</b>					
Axle	front	Reverse Elliot, Independent suspension			
	rear	Full floating type			
Tire	front	Single 7.00R-16-10PR			Single 7.00R-16-12PR
	rear	Dual 7.00R-16-8PR			
Steering	Integral type hydraulic power booster, tilt steering column with steering lock				
Suspensions	Double wishbone type independent suspension, with rear stabilizer				
Shock absorbers	Hydraulic double acting telescopic type on front and rear axles				
Brake	service	Front:Disc type brake,Rear:Drum type brake, hydraulic with vacuum servo assistance divided line			
	parking	Internal expanding type on propeller shaft at rear of transmission			
Fuel tank capacity	100 lits (22.0 Imp.gals. or 26.4 U.S.gals.)				
Electrical system-batteries	24 Volt, regulated control 12 Volt×2,60 Ah (216 kC) at 20 hr rate (55D26R), 48 Ah (173 kC) at 5 hr rate (55D26R)				
<b>BODY</b>					
Substructure	Pressed steel girder construction of crossmember with welded longitudinal sill				
Construction	Pressed steel girder construction of pillars with spot welded outside panels and roof panel				

## ANNOTATION

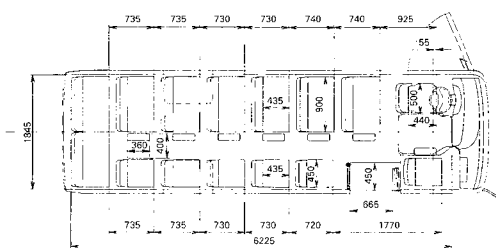
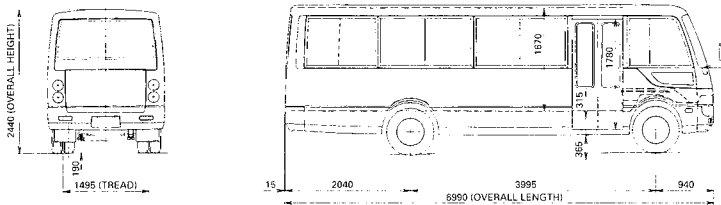
- All weights shown are subject to 2.5% variation to allow for production tolerances.  
Empty vehicle weights include oil, fuel and water.

DRAWINGS BE635 MODEL STANDARD ROOF

26-seats

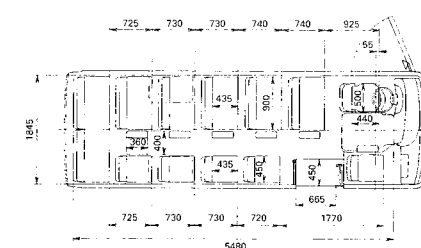
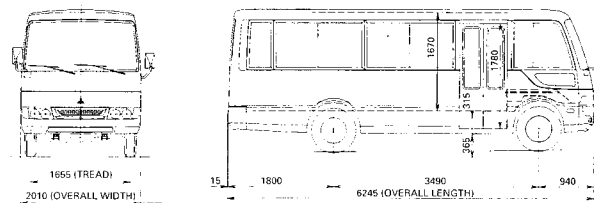


30-seats

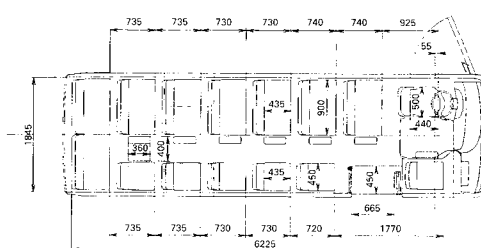
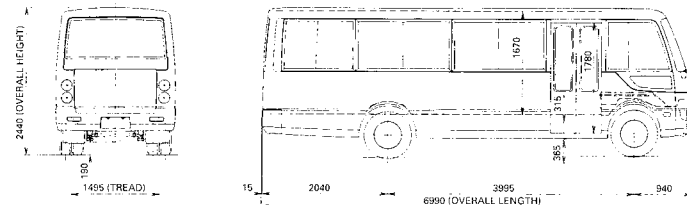


DRAWINGS BE637 MODEL STANDARD ROOF

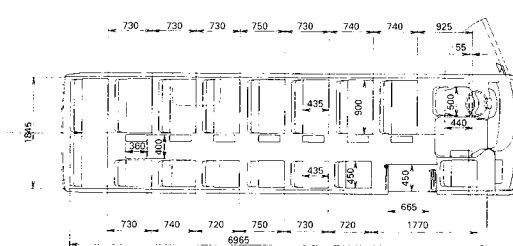
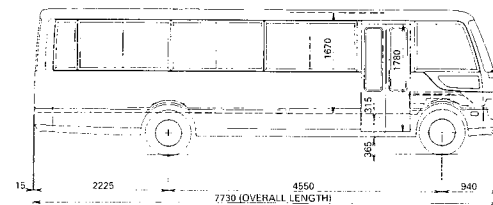
26-seats



30-seats

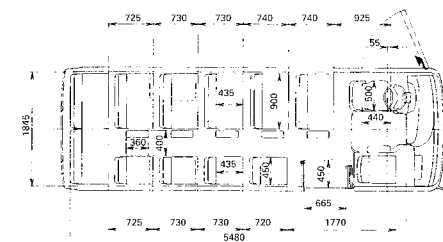
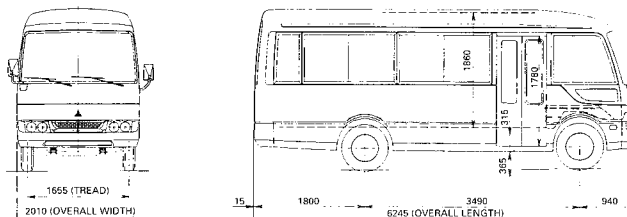


34-seats

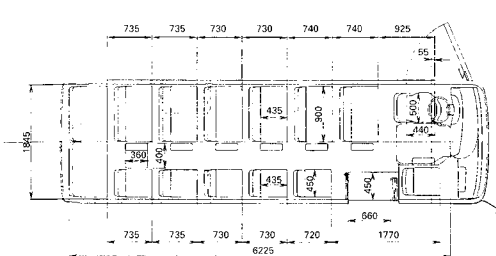
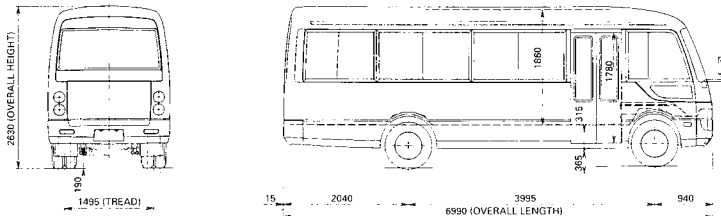


DRAWINGS BE635 MODEL HIGH ROOF

26-seats

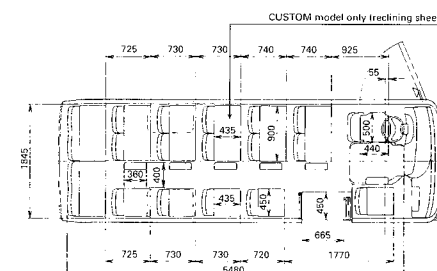
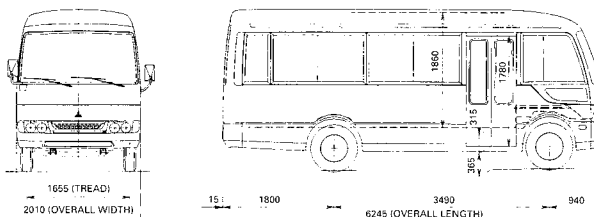


30-seats

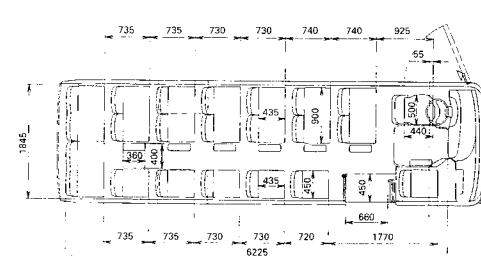
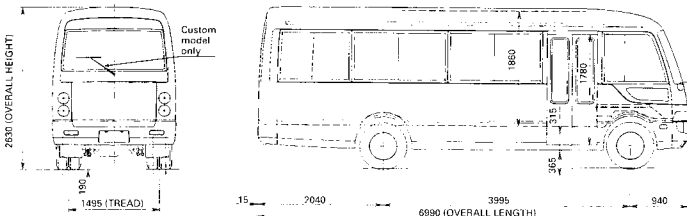


DRAWINGS BE637 MODEL HIGH ROOF

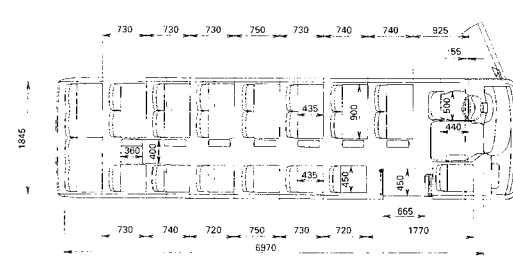
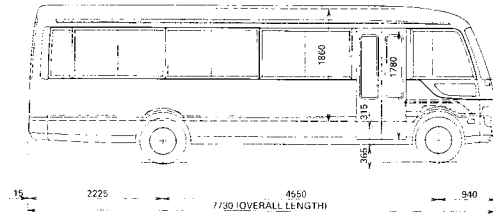
26-seats



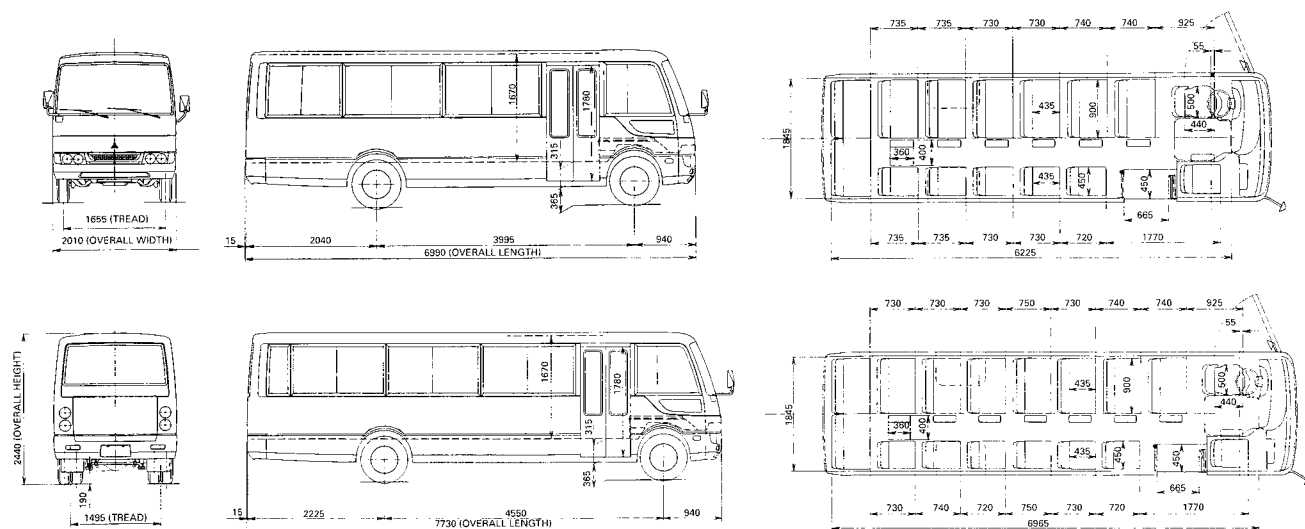
30-seats



34-seats



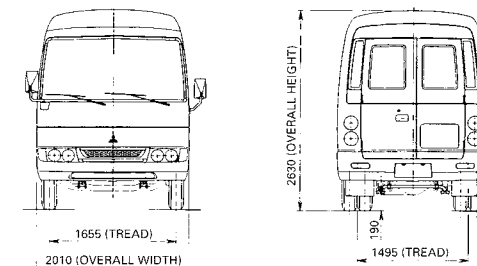
**DRAWINGS BE647 MODEL STANDARD ROOF**



**The all new Special Purpose Vehicle (BE637-J series) for a wide range of applications**

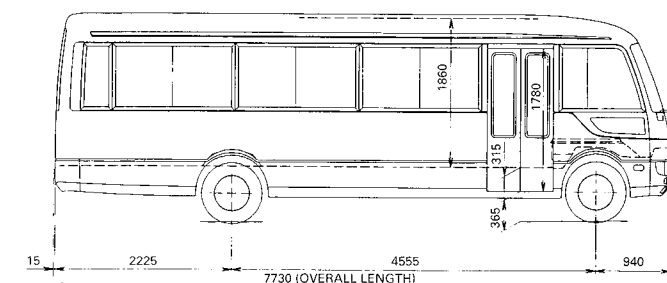
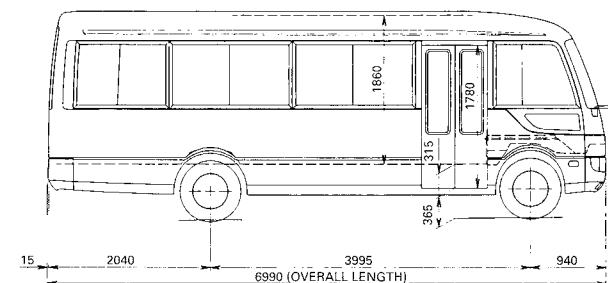
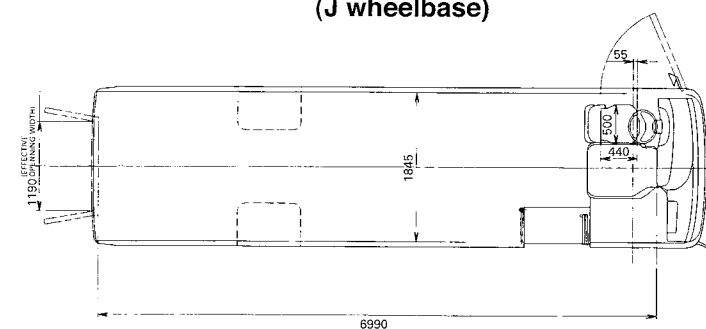
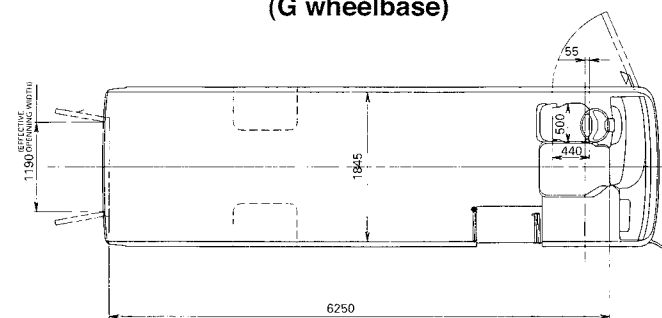
The all new Special Purpose Vehicle (BE637-J series) adopts swing-out doors at the rear with door lock for easy entry and exit. No rear passenger seats are equipped in order for customer to accommodate a variety of applications.

●BE637GLMSHJ ●BE637GRMSHJ  
 ●BE637JLMSHJ ●BE637JRMSHJ  
 (STANDARD with cooler)  
 Drawings below are LHD model

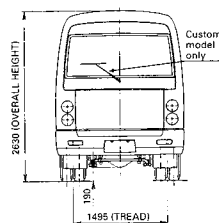
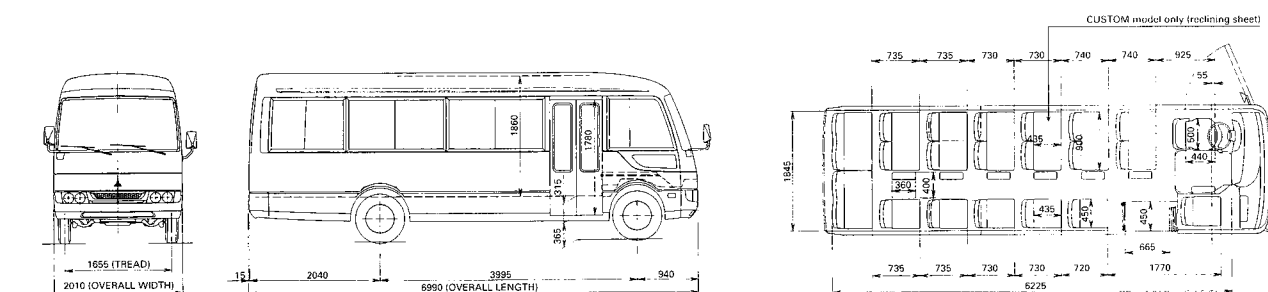


(G wheelbase)

(J wheelbase)



**DRAWINGS BE647 MODEL HIGH ROOF**



R.H.D / L.H.D	R.H.D				L.H.D					
	Cooler	Without cooler		With cooler		Without cooler		With cooler		
	Grade	Standard	Standard	Standard	Custom	Standard	Standard	Standard	Standard	Custom
Roof	STD roof	high roof	high roof	high roof	STD roof	high roof	STD roof	high roof	high roof	
MODEL CODE	S	SH	MSH	MUH	S	SH	MS	MSH	MUH	
BE635E Short W.B. 4D32 26 81kW(110PS)	●	●	●	—	●	●	—	●	—	
BE635G Long W.B. 4D32 30 81kW(110PS)	●	●	●	—	●	●	—	●	—	
BE637E Short W.B. 4D33 26 86kW(130PS)	●	●	●	●	●	●	—	●	●	
BE637G Long W.B. 4D33 30 86kW(130PS)	●	●	●	●	●	●	—	●	●	
BE637J Super long W.B. 4D33 34 86kW(130PS)	●	●	●	●	●	●	—	●	●	
BE647G Long W.B. 4D33 30 86kW(130PS)	—	—	●	●	—	—	●	●	●	
BE647J Super long W.B. 4D33 34 86kW(130PS)	—	—	—	—	—	—	●	—	—	