MY25
MODEL

ROSA BUS

CUSTOM MODEL · 2WD / AWD

ADVANCED SAFETY SYSTEMS

EURO 6 + EMISSION LEVEL

Power / Torque:
129kW / 430Nm (2WD)
110kW / 430Nm (AWD)

Passengers:
24 / 22

Body Length:
7.7m / 7m

- Best-selling bus in its class
- Advanced safety systems
- Seat belts on all seats
- JP17 emission rating (exceeds Euro 6)
- Disc brakes on all wheels
- Passenger car licence model

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FUSO

SPECIFICATIONS - ROSA CUSTOM BUS

MODEL		LENGTH (m)	SEATING
Custom 2WD	BE740JRMUFBD	7.7	24 seats – high back deluxe cloth
Custom AWD	BG740GRMUFBD	7.0	23 seats – high back vinyl

ENGINE

	2WD	AWD
Engine Version	FUSO 4P10-T6 Diesel	FUSO 4P10-T4 Diesel
Configuration	4 Cyl. In-line DOHC, 4-Valve	
Type	Variable Geometry Turbo Charged Air to Air Intercooled	
Displacement	3.0 litre (2,998cc)	
Power (DIN)	129kW @ 2,860rpm	110kW @ 2,440rpm
Torque (DIN)	430Nm @ 1,600~2,860 rpm	430Nm @ 1,600~2,440 rpm
Max. Engine Speed (rpm)	4,100	
Cooling System / Oil Cooler	Water cooled with vicous fan, 14.0L capacity. Plate type engine oil cooler	
Air Cleaner	Dry Paper Element with restrictor indicator. Forward Mounted Intake System	
Emission Control	Diesel Particulate Filter (DPF) Exhaust Dash Display DPF Status 0~9 (Empty~Full) Parked Regeneration from 7~9 Selective Catalytic Reduction (SCR) after-treatment system (BlueTec	
Emission Level	Japan 16 (Exceeds Euro 6 requirements)	

FUEL

Injection System	Bosch Common Rail Direct Injection	
Tank Type	Rectangular Steel Tank with Locking Cap	
	2WD	AWD
Fuel Capacity (L)	100	70
Filtration	Filter with Water Separator (Heater on AWD)	
AdBlue Capacity (L)	12	
Speed Limiter	N/A	
Idle Stop /Start System	Yes	

ELECTRICAL

Voltage	12V / 24V with Battery Equalizer
Alternator Capacity	24V-90 amp
Battery Capacity	2x12V, 70Ah/5hr with Battery Equaliser
Headlamps	LED with DRLs + Manual Height Adjust
Foglamps	LED

TRANSMISSION

Version	FUSO DUONIC MO38S6		
Type / Speeds	6-Spd Automated Manual with Dual Cclutch (Wet multi plate)		
Features	Virtually Instant Gear Changes; In-Dash Gear Lever with Park Brake Position and Manual Mode		
Ratios	1st: 5.397 2nd: 3.788 3rd: 2.310	4th: 1.474 5th: 1.000 6th: 0.701	Rev. 5.397
Park Interlock	Ignition Key (On) and Foot Brake Activated		
AWD System	Full-time 4WD 40/60 Split with Viscous Coupling and LSD Centre Diff		

FRONT SUSPENSION

Type	2WD: Independent Double Wishbone + Coil Springs, Stabiliser Bar and Shock Absorbers
	AWD: Independent Torsion Bar + Shock Absorbers

AXLES

	2WD	AWD
Rear	R033	R020
Front	F200BW	
Ratio	4.875:1	

REAR SUSPENSION

Spring suspension	Long Taper Leaf with Stabiliser Bar and Shock Absorbers

STEERING

Type	Power steering with tilt / telescopic adjustable steering wheel

BRAKES

Type	Hydraulic dual circuit with Front & Rear Twin Caliper Ventilated Disc brakes
Features	ABS plus EBD (Electronic Brake Distribution) Active Emergency Braking System (AEBS) Electronic Stability Program (ESP) Brake Priority System
Park Brake	On rear of transmission
Auxiliary	Exhaust brake

WHEELS AND TYRES

Single front, Dual rear	Alloys
Tyres	205/85R16
Spare Tyre	Provided

CHASSIS

Type	Parallel Tapered Channel with Cross Members

INSTRUMENTS

Gauges	Speedometer with LCD Odometer and Dual Tripmeter; Tachometer (Yellow Zone indicates safe exhaust operating zone); Fuel Level; Water Temperature
Warning Lamps	EBS; LDWS; ESP; ESP Off; Turn Signal; Headlamps; High Beam; Hill Holder; Auxiliary Brake; Parking Brake; Oil Pressure; Battery Charging; Vacuum Pressure; DPF Regeneration; DPF Fill Level; Adblue Fill Level Passenger door open; Rear Emergency Door Open

EXTERIOR

Windscreen	Laminated Tinted with Darker Upper Band
Side Windows	Bonded with heat absorbing dark grey glass
Body Colour	Rising White (W48) with Colour Code Bumpers Other colours available to special order Black Side Window Sash + Front Panel Blackout
Towing Hook	Front
Mudflaps	Front & Rear

INTERIOR

Lighting	Access Step Light & LED Interior Lights
Floor	Heavy Duty Vinyl Floor Covering
Interior	Fully Trimmed
Modesty Panel	LH Front Passenger Seat
Comfort	Overhead Luggage Rack, Curtains (2WD only)

SPECIFICATIONS - ROSA CUSTOM BUS

PASSENGER ACCESS AND SEATING

	2WD	AWD
Seating capacity	24 + driver	22 + driver
Passenger Seats	Luxury Black Cloth Trim, High-Back Fixed Individual Seats + Cup Holder + Back Pocket + 3-Point ELR Belt	Vinyl Trim, High-Back Fixed Individual Seats + 3-Point ELR Belt
Passenger Door	Swing Type Automatic + Warning Buzzer + Dash Interlock	

DRIVER COMFORT AND FEATURES

Driver's Seat	Low Back Cloth + Head Rest + Adjustable Slide/ Height/Recline
Visibility Mirrors	LH & RH External Heated Rear View; Front Underview; Entrance Mirror (2WD only); Rear Mounted Reversing; Internal Rear Vision Power Driver's Window
General	Driver's Power Window; Cup Holders; Sun Visors for Driver; Central Locking; Accessory Power Outlet 12v

AIR CONDITIONING (SEPARATE UNIT)

	2WD	AWD
Capacity	12.4 kw	11.4 kw
Pre-Heater	No	10kW Diesel Operated
Heaters	Forward Cabin + Passenger Units	
Control	Full Climate Control + Dehumidifier	
Distribution	Integrated Roof Ducts	

PERFORMANCE

	2WD	AWD
Turning Circle (kerb to kerb - metres)	14.2	14.8
Road Speed (km/h) at Max Engine Speed	141km/hr	

DIMENSIONS (mm)

	2WD	AWD
Wheelbase	4,550	3,995
Overall Length	7,730	6,990
Overall Width	2,070	2,070
Overall Height	2,640	2,690
Front / Rear Track	1,665 / 1,505	1,665 / 1,505
Body Inside	Length: 7,030 Width: 1,845 Height: 1,860	6,315 1,845 1,860

SAFETY FEATURES

ADVANCED SAFETY SYSTEMS

ACTIVE SAFETY FEATURES

Active Emergency Braking System	Yes
Lane Departure Warning System	Yes
Electronic Stability Control	Yes
Anti-Lock Braking System	Yes
Anti-Slip Regulator	Yes
Hill Start Assist	Yes
Headlamps	LED Height-Adjust
LED Fog Lamps	LED
Reverse Warning	Buzzer
Passenger Access Door	Accelerator Interlock and Pre-Warning Buzzer when door open

PASSIVE SAFETY FEATURES

Airbags	Driver and Front Passenger
Seat Belts	3-Point ELR
Emergency Exits	4 Exits : 1 LH and 2 RH Windows with Emergency Hammers and Rear Emergency Door
Front passenger door	Emergency External Opening
Rear Door (2WD)	Internal & external access with auto lock when ignition key off
Luggage Trunk (AWD)	External Opening Lid

MULTI MEDIA PACKAGE

7" Multi Media Touch screen Display: AM/FM/DAB + USB + AUX, Apple Carplay / Android Auto, Wi-Fi enabled for Internet Radio, Bluetooth, 32GB Storage Capacity; Integrated PA System (Microphone Not Included), 6 Speakers, HD Reverse Camera

OPTIONS

Additional Multimedia Display Cameras (up to 4); In-built GPS Navigation; Reversing Sensors; Tyre Pressure Monitoring System

SERVICE INTERVALS

30,000km full service / 15,000km safety inspection
30,000km full service intervals, depending on application/use.
15,000km safety inspection, with greasing, required to maintain warranty cover and ensure optimum performance.

WARRANTY

5 years / 200,000km Simply have your vehicle serviced at an authorised FUSO Service Centre, at the recommended servicing intervals, and you are covered by an additional 2 year / 100,000km FUSO warranty on top of the first 3 years / 100,000km. That's a total of 5 years / 200,000km cover.
Refer to terms and conditions in the FUSO warranty booklet for full details

KERB WEIGHTS AND MAX AXLE LOADS (kg)

Model		Vehicle Ratings**			Max Axle Loadings**		Kerb Weights*
		GVM	Towing Capacity (kg) Unbraked	Braked	Front	Rear	
Custom Bus 25 Seat DUONIC Auto	BE740JRMUFBD	6,370	715	1615	2,570	3,800	3,950
Custom Bus DUONIC Auto (restricted seating capacity with 5995kg GVM)	BE740JRMUFBD (D)	5,995	715	1615	2,570	3,800	3,950
Custom Bus 23 Seat DUONIC Auto AWD	BG740GRMUFBD	5,995	715	1615	2,500	3,700	3,965

* Weights (est.) includes 10L fuel and spare wheel and are subject to 2.5% variation (+/-)

** Vehicle ratings and max axle loadings may be limited by local regulations.

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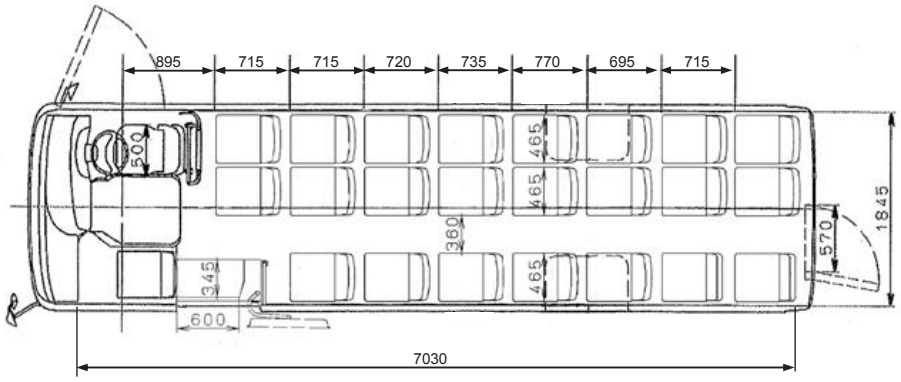
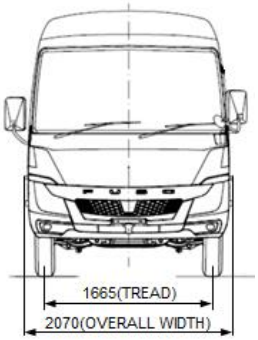
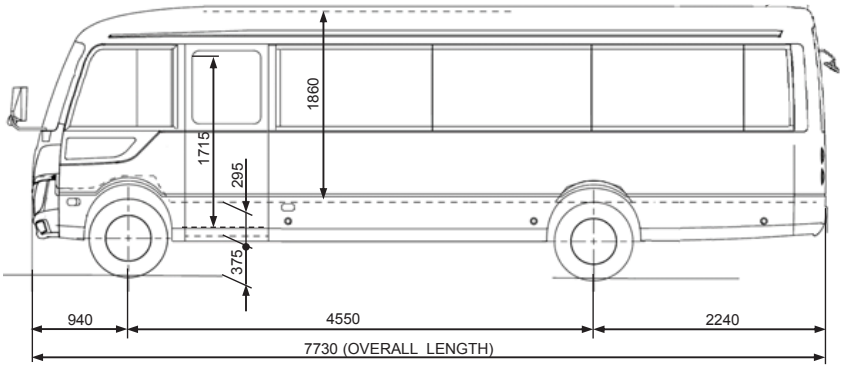
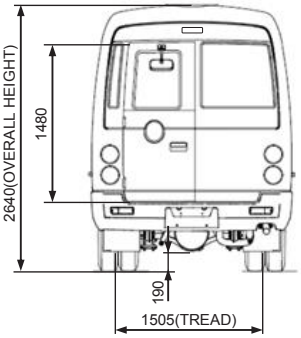
2WD CUSTOM MODEL

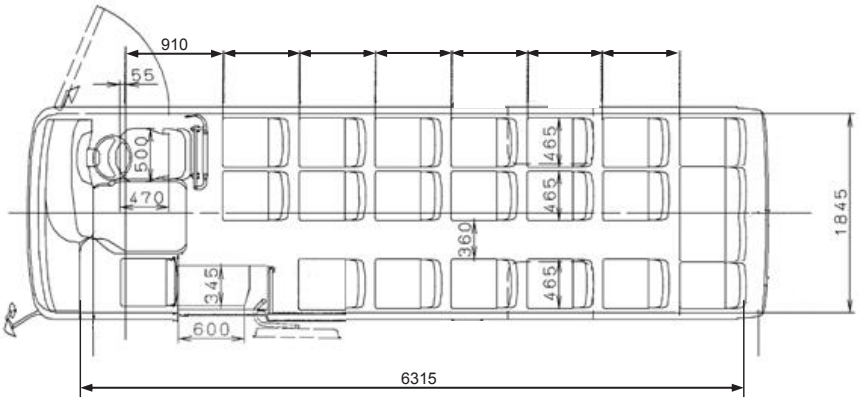


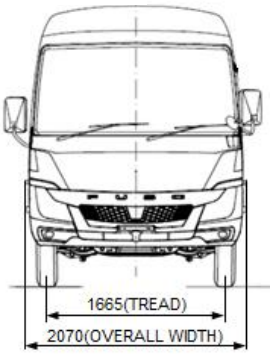


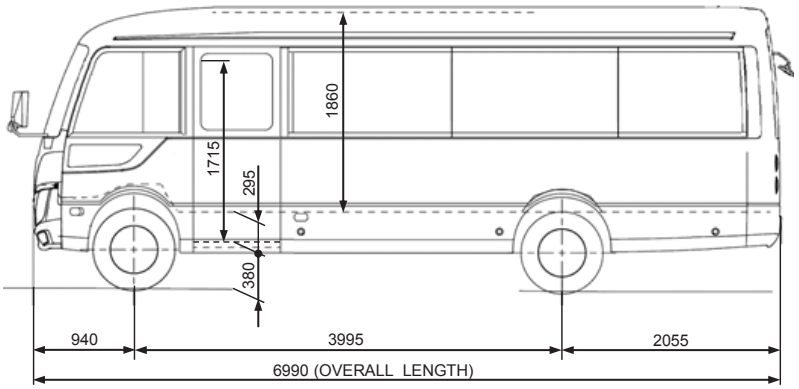


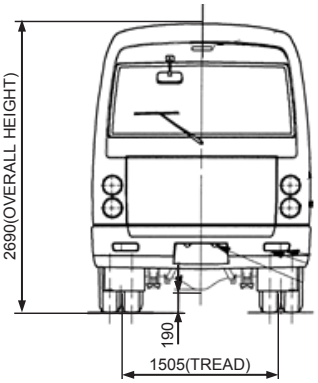


AWD CUSTOM MODEL









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