

ROSA BUS

FUSO

ROSA LWB DELUXE

MANUAL or DUONIC AMT



THE SAFEST LIGHT DUTY BUS IN THE MARKET WITH AEB, LDWS, ESP, ABS, DRIVER AND FRONT PASSENGER SRS AIRBAG'S, LED HEADLAMPS AND REVERSE CAMERA AS STANDARD.

People Inc. driver

25

Length

7.7M

Power/Torque

129kW 430Nm

- Light rigid licence required
- Actual vehicle may differ from above image

FUSO

ROSA SPECIFICATIONS

MODEL

| | |
|---|--|
| A | Deluxe LWB 25 Seat Manual (BE741JRMDFAA) |
| B | Deluxe LWB 25 Seat Duonic AMT BE741JRMDFAB |

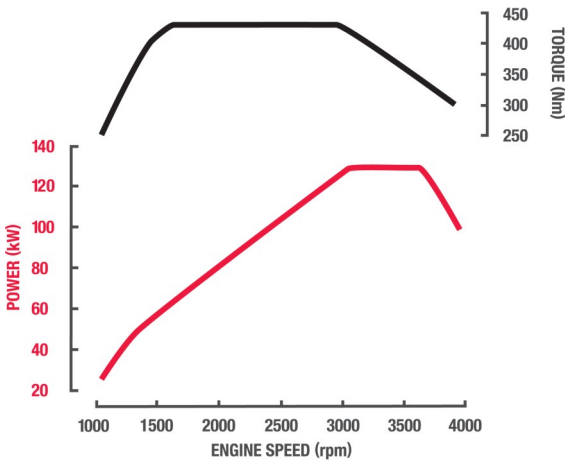
LENGTH

| |
|------|
| 7.7M |
| 7.7M |

CONFIGURATION

| |
|--|
| High Back Fabric Seats with Lap/Sash Seat Belt |
| High Back Fabric Seats with Lap/Sash Seat Belt |

| Engine | |
|-----------------------------|--|
| Engine Version | FUSO 4P10-T6 Diesel |
| Configuration | 4 Cyl. In-line DOHC, 4-Valve |
| Type | Variable Geometry Turbo Charged Air to Air Intercooled |
| Displacement | 3 litre (2998cc) |
| Bore | 95.8mm |
| Stroke | 104mm |
| Power (DIN) | 129kW @ 2860~3500 rpm |
| Torque (DIN) | 430Nm @ 1600~2860 rpm |
| Maximum Engine Speed | 4100 rpm |
| Compression Ratio | 17.5:1 |
| Cooling System / Oil Cooler | Water cooled, 14.1L capacity/ Plate type engine oil cooler |
| Air Cleaner | Paper Element Type with Restrictor Indicator. Mounted Underbody (RH) |
| Emission Control | Diesel Particulate Filter (DPF) Exhaust Dash Display DPF Status 0~9 (Empty~Full) Parked Regeneration possible from 7~9 Selective Catalytic Reduction (SCR) after-treatment system (BlueTec) |
| Emission Level | ADR 80/03 - Euro VI |



| Fuel | |
|-------------------------------|---|
| Injection System | Bosch Common Rail Electronic Direct Injection |
| Tank Type | Rectangular Steel Tank with Locking Cap |
| Fuel Capacity * | 100 Litres |
| Filtration | Main Filter with Water Separator Function |
| AdBlue Exhaust Fluid Capacity | 12 Litres |
| Speed Limiter | Speed Limited 100km/h |
| Notes | *Max Fill to approx 95% of Air Capacity |

| Cooling | |
|-----------|---|
| Fan Drive | Thermo modulated continuous control (Viscous) |
| Radiator | Corrugated Fin with Expansion Tank |

| Electrical | |
|-----------------------|--|
| Voltage | 12V / 24V with Battery Equalizer |
| Battery Capacity | 2x12V, 70Ah/5hr with Battery Equalizer |
| Battery Specification | 115D31L x2 |
| Headlamp Type | LED |
| Taillamp Type | LED - as of March 2021 production |
| Fog Light | LED |

| Clutch | | |
|-------------------------|---|--|
| Clutch Model | A FUSO C4W30 | B Fully Automated Dual Clutch (no clutch pedal) |
| Type | A Single Plate | B Dual Clutch (Wet Multi-plate) |
| Operation/Specification | A Hydraulic Control with Pedal Power Booster | B Automated Manual (no clutch pedal) |

| Transmission | | |
|----------------|---|---|
| Version | A FUSO M038S5 | B FUSO Duonic M038S6 |
| Type/Speeds | A 5 Speed with In-Dash Gearshift Lever | B 6 Speed Automated Manual with Auto and Manual Modes |
| Features | A Synchronesh 1st - 5th and Rev | B Synchronesh 1st - 6th and Rev Virtually Instant Gear Changes In-Dash Gear Lever with Park Brake Position |
| Ratios | A 1st: 5.494 2nd: 3.038 3rd: 1.592 4th: 1.000 5th: 0.723 Rev. 5.494 | B 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) & Foot Brake Activated | |

| Front Suspension | |
|------------------|---|
| Type | Independent Double Wishbone with Coil springs, Transverse Leaf Spring and Double Acting Shock Absorbers |

| Rear Axle | |
|--------------|--|
| Type | Full Floating Hypoid |
| Axle Version | FUSO R033B |
| Capacity* | 3800kg |
| Ratio | 5.285:1 |
| Notes | *See MAX LOADING for vehicle capacity. |

| Rear Suspension | |
|-----------------|--|
| Type | Steel Suspension |
| Details | Long Taper with Stabiliser Bar and Shock Absorbers |

| Max Loading | |
|-------------|--------|
| Front | 2500kg |
| Rear | 3800kg |
| Total | 6285kg |

| Options | |
|---------|--------------------------|
| Options | R73: Vinyl Seat Covering |

| Steering | |
|-----------------|--|
| Type | Rack & Pinion with Integral Power Assistance |
| Steering Column | Tilt/Telescopic Adjustable |

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Brakes

| | |
|------------|--|
| Type | Hydraulic Dual Circuit with Front and Rear Twin Calliper Disc Brakes |
| Size Front | 235x40mm |
| Size Rear | 235x40mm |
| Features | ABS plus EBD (Electronic Brake Distribution) Active Emergency Braking System (AEBS) Electronic Stability Program (ESP) Exhaust Brake Brake Priority System |
| Park Brake | Transmission |
| Auxiliary | Exhaust Brake |

Wheels & Tyres

| | |
|--------------------|--|
| Wheel Type | Alloy Disc 16x5.5J |
| Wheel Size | 16.0x5.5G-115 |
| Tyre Size All | Michelin Tyres XJE4 Mix Energy 205/85R16LT 117/115L |
| Spare Tyre Carrier | Provided |

Chassis

| | |
|------|---|
| Type | Parallel Tapered Channel with Cross Members |
|------|---|

Instruments

| | |
|---------------|---|
| Gauges | Speedometer with LCD Odometer & Dual Tripmeter Tachometer (Yellow Zone indicates safe exhaust operating zone) Fuel Level Water Temperature |
| Warning Lamps | AEBS 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 Fog Lamp |

Multi-Media Package

| | |
|---|--|
| Satellite Navigation | Maps with heavy vehicle weight, length, height & hazardous material selectable restrictions with 3 years of Map updates |
| Colour Display | 7 inch LCD with touch screen control |
| Phone Connectivity | Bluetooth® hands free |
| Audio Visual Entertainment | Bluetooth® music streaming compatible Digital radio DAB+ (also AM/FM for areas not covered by DAB+) USB & 3.5mm/AUX port |
| Reversing Camera | 1 Reverse Camera fitted as standard |
| Compatible | Display can accept up to 4 additional cameras# |
| Optional Accessories (available at additional cost) | Rear Mounted Parking Sensor Kit High or Low Tyre Pressure Monitoring System |
| Notes | # Cameras available through spare parts |

Exterior

| | |
|--------------|---|
| Windscreen | Laminated Tinted with Darker Upper Band |
| Side Windows | Fixed Type with Dark Tint |
| Body Colour | Rising White with Colour Code Bumpers Black Side Window Sash |
| Towing Hook | Front |

Interior

| | |
|----------|---|
| Lighting | Access Step Light & LED Interior Lights |
| Floor | Heavy Duty Vinyl Floor Covering |

Active Safety

| | |
|-----------------------|--|
| Safety Systems | AEBS - Advanced Emergency Braking System LDWS - Lane Departure Warning System ESP - Electronic Stability Program ABS - Anti-lock Braking System ASR - Anti Slip Regulator LED Headlamps |
| Reverse Warning | Buzzer |
| Passenger Access Door | Accelerator Interlock & Pre-Warning Buzzer |

Passive Safety

| | |
|--|--|
| Airbags | SRS Airbag - Driver and Front Passenger |
| Body Strength | Fully ADR 59 & 68 Roll Strength Compliant |
| Emergency Exits | 4 Exits (1 LH & 2 RH Windows with Emergency Hammers and Rear Emergency Door) |
| Emergency Operational Decals | Internal & External |
| Rear Swing Door - Opening Direction | Outward |
| Rear Door Locking | Automatic when Ignition Key in Off Position |
| Seat Belts - Driver & Driver Assistant | 3 Point ERL Lap Sash |
| Fire Extinguisher | Provided |

Driver Comfort & Features

| | |
|--------------------|--|
| Driver's Seat | Low Back Sliding with Head Rest Adjustable Height & Back Angle |
| Visibility Mirrors | LH & RH External Rear View Additional Front Left Clearance Internal Rear Vision Rear Mounted Reversing |
| General | Power Driver's Window. Cup Holder. Sun Visors Driver and Front Passenger. Central Locking. 12V Accessory Power Outlet. |

Air Conditioning (Separate Unit)

| | |
|--------------|--|
| Control | Full Auto |
| Capacity | 12.4 kW JIS |
| Distribution | Integrated Roof Ducts located throughout Cab |
| Intake | Switchable Fresh Air Duct on Roof at Rear of Cab |

Cabin Heating / Demisting

| | |
|-----------|---|
| Heaters | Forward Cabin plus Passenger Units throughout Cab |
| Demisters | Forward and Rear Cabin |



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Passenger Access & Seating

| | |
|--------------------------------------|---|
| Passenger Door | Swing Type Electric Automatic with Step Illumination light & Dash Interlock Warning |
| Passenger Seats | Fixed High Back |
| Seat Belts | ERL 3 Point Lap Sash (ADR68/00) |
| Child Restraint | 6x Anchor points |
| Trim | Fabric |
| Internal Lights | Located overhead and on steps |
| Interior | Fully trimmed including Side Windows, Rear Pillars & Emergency Door surrounds |
| External Trim | Black Exterior Front & RH Door Panel Inserts |
| Other | O/Head Storage above Windscreen with Centrally Mounted Clock |
| Modesty Panel - Front Passenger Seat | Front Passenger Seat |

Service Intervals

| | |
|-----------|---|
| Interval* | 15,000km or 6 Months (Whichever occurs first) |
| Notes | * based on normal operating conditions and may be reduced when operating under severe conditions. |

Warranty

| | |
|--------------------------------|--|
| Basic/Powertrain | 5 Years or 200,000kms (whichever occurs first) |
| Cab Perforation/Anti Corrosion | 5 Years |

ATM (towing capacity)

| | |
|------------------------|--------|
| Without Trailer Brakes | 715kg |
| With Trailer Brakes | 1615kg |

Performance

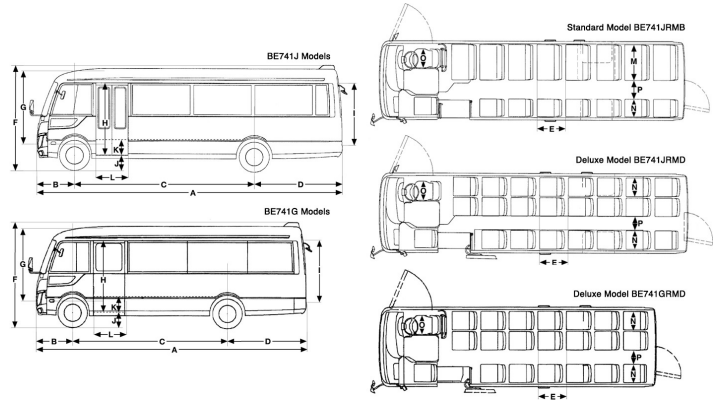
| | |
|-------------------------------|-------|
| Turning Circle (kerb to kerb) | 14.2m |
|-------------------------------|-------|

Mass (estimated)*

| | | |
|--------|---|----------|
| Total* | A | B |
| | 4255kg | 4275kg |
| Note: | * Mass est. includes oil, fuel, water, spare tyre carrier bracket, spare tyre and standard tool set. Weights provided are subject to 3.5% variation +/- | |

Dimensions (mm)

| | |
|---|------|
| Width Overall (excluding mirrors) | 2070 |
| Width Front Track | 1665 |
| Width Rear Track | 1505 |
| A - Length Overall (B+C+D) | 7730 |
| B - Length Front Overhang | 940 |
| C - Length Wheelbase | 4550 |
| D - Length Rear Overhang | 2240 |
| F - Height Overall | 2755 |
| G - Height Floor to Headliner | 1860 |
| H - Height Access Door | 1715 |
| I - Height Emergency Exit | 1480 |
| J - Height First Access Door Step to Ground | 375 |
| K - Height Second Access Door Step to Floor | 295 |
| L - Width Door Access | 600 |
| M - Width Passenger Seat - Right Hand Bench | 465 |
| N - Width Single | 465 |
| O - Width Driver's Seat | 500 |



Call 1800 033 557

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