



ROSA BUS

ROSA LWB STANDARD

DUONIC AMT



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

People Inc. driver

25

Length

7.7_M

Power/Torque

129_{kW} / 430_{Nm}

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

ROSA SPECIFICATIONS

MODEL

STANDARD LWB 25 SEAT DUONIC AMT BE741JRMBFAD

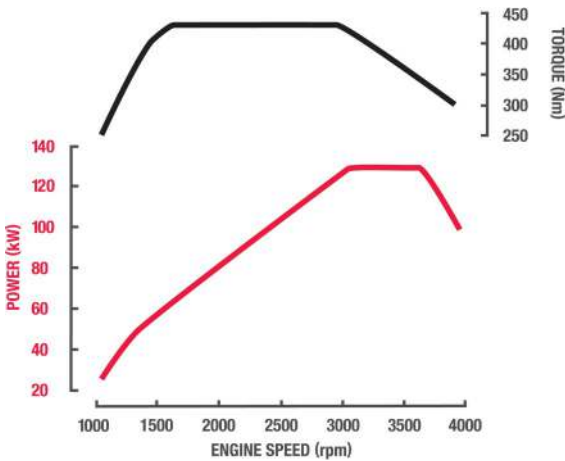
LENGTH

7.7M

CONFIGURATION

Low Back Vinyl Bench Seats with Lap Seat Belt

| Engine | |
|-----------------------------|--|
| Engine Version | FUSO 4P10-T6 Diesel |
| Configuration | 4 Cyl. In-line DOHC, 4-Valve |
| Injection System | Bosch Common Rail Electronic Direct Injection |
| 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 | 4150 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 80/04 - Euro VI |



| Fuel | |
|-------------------------------|---|
| 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 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 |

| Clutch | |
|-------------------------|---|
| Clutch Model | Fully Automated Dual Clutch (no clutch pedal) |
| Type | Dual Clutch (Wet Multi-plate) |
| Operation/Specification | Automated Manual (no clutch pedal) |

| Transmission | |
|------------------------|--|
| Version | FUSO DUONIC M038S6 |
| Type/Speeds | 6 Speed Automated Manual with Auto and Manual Modes |
| Features | Synchromesh 1st - 6th and Rev Virtually Instant Gear Changes In-Dash Gear Lever with Park Brake Position |
| Ratios | 1st: 5.397 2nd: 3.788 3rd: 2.310 4th: 1.474 5th: 1.000 6th: 0.701 Rev. 5.397 |
| Park Interlock Release | Ignition Key (On), Foot Brake Activated & Passenger Door Closed |

| 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 | HD Steel Suspension |
| Details | Long Taper with Stabiliser Bar and Shock Absorbers |

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

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

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

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

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CONFIGURATION

Low Back Vinyl Bench Seats with Lap Seat Belt

| Instruments | |
|---------------|---|
| Gauges | Speedometer with LCD Odometer & Dual Tripmeter Tachometer 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 |

| Multi-Media Package | |
|----------------------------|---|
| Satellite Navigation | GPS navigation specifically designed for commercial vehicle applications, with 3 years of Map updates included. |
| Colour Display | 8" LCD with capacitive touch screen control |
| Phone Connectivity | Wireless Apple Carplay & Android Auto Compatible |
| Audio Visual Entertainment | Bluetooth® music streaming compatible Digital radio DAB+ (also AM/FM for areas not covered by DAB+) & USB |
| Audio Communication | PA System |
| Internal Storage Capacity | 64GB |
| Camera Compatibility | Reverse camera (Factory Fitted) + 5 additional camera options # |
| 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 | Interlock mechanism - Door cannot be opened or closed unless transmission is in park. |

| Passive Safety | |
|--|--|
| Airbags | SRS Airbag - Driver and Front Passenger |
| Body Strength | ADR 59 (Roll-over) & 68 (Occupant Protection) 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 ELR 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 | Manual |
| 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 |

| Passenger Access & Seating | |
|--------------------------------------|---|
| Passenger Door | Bi Fold Vacuum Automatic |
| Passenger Seats | Fixed Low Back |
| Seat Belts | ELR 3 Point Driver and Assistant Only ELR 2 Point for Other Seats |
| Trim | Vinyl |
| Grip Handles | N/A |
| Interior | Fully trimmed including Side Windows, Rear Pillars & Emergency Door surrounds |
| External Trim | N/A |
| Other | N/A |
| Modesty Panel - Front Passenger Seat | Front Passenger Seat |

| Service Intervals | |
|-------------------|---|
| Interval* | 15,000km or 6 Months (Whichever occurs first) |

| Warranty* | |
|--------------------------------|---|
| Basic/Powertrain | 5 Years or 200,000kms (whichever occurs first) |
| Cab Perforation/Anti Corrosion | 5 Years |
| Notes | * Please refer to Fuso Owners Warranty Booklet for additional terms and conditions. |

| ATM (towing capacity) | |
|------------------------|--------|
| Without Trailer Brakes | 715kg |
| With Trailer Brakes | 1615kg |

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CONFIGURATION

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Performance

Turning Circle (kerb to kerb) 14.2m

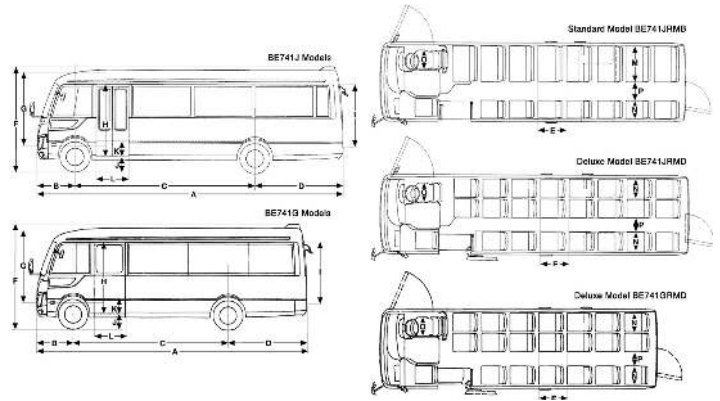
Mass (estimated)*

Total* 3955kg

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 | 1655 |
| Width Rear Track | 1495 |
| 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 | 1755 |
| 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 | 665 |
| M - Width Passenger Seat - Right Hand Bench | 900 |
| N - Width Single | 450 |
| O - Width Driver's Seat | 500 |
| P - Width Passenger Aisle | 445 |



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or visit fuso.com.au

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