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| Trumpchi M8 Grandmaster (dual engine version) configuration sheet | | | |
|---|---|--|---|
| | Trumpchi M8 2023 Grandmaster Series Dual Engine Supreme | Trumpchi M8 2023 Grandmaster series dual-engine flagship | Trumpchi M8 2023 Grandmaster Series Dual Engine |
| Basic parameters | | | |
| Manufacturer level | GAC Passenger Car Medium and large MPV | GAC Passenger Car Medium and large MPV | GAC Passenger Car Medium and large MPV |
| Energy type | Gas-electric hybrid | Gas-electric hybrid | Gas-electric hybrid |
| Environmental protection standards | Country VI | Country VI | Country VI |
| time to market | 2022.11 | 2022.11 | 2022.11 |
| Maximum power (kW) | - | - | - |
| Maximum torque (N·m) | - | - | - |
| engine | 2.0T 190 horsepower L4 | 2.0T 190 horsepower L4 | 2.0T 190 horsepower L4 |
| Motor (Ps) | 182 | 182 | 182 |
| gearbox | E-CVT continuously variable transmission | E-CVT continuously variable transmission | E-CVT continuously variable transmission |
| Length*width*height (mm) | 5212*1893*1823 | 5212*1893*1823 | 5212*1893*1823 |
| Body structure | 5-door, 7-seater MPV | 5-door, 7-seater MPV | 5-door, 7-seater MPV |
| Maximum speed (km/h) | 180 | 180 | 180 |
| Official 0-100km/h acceleration (s) | - | - | - |
| Actual measured 0-100km/h acceleration (s) | - | - | 8.16 |
| Actual measurement of 100-0km/h braking (m) | - | - | 39.34 |
| NEDC comprehensive fuel consumption (L/100km) | 5.42 | 5.42 | 5.42 |
| WLTC comprehensive fuel consumption (L/100km) | 5.91 | 5.91 | 5.91 |
| Actual fuel consumption (L/100km) | - | - | 6.7 |

| | | | |
|--|--------------------------------------|--------------------------------------|--------------------------------------|
| Vehicle warranty | Three years or 100,000 kilometers | Three years or 100,000 kilometers | Three years or 100,000 kilometers |
| First owner warranty policy | - | - | - |
| Body | | | |
| Length(mm) | 5212 | 5212 | 5212 |
| Width(mm) | 1893 | 1893 | 1893 |
| Height(mm) | 1823 | 1823 | 1823 |
| Wheelbase(mm) | 3070 | 3070 | 3070 |
| Front wheelbase (mm) | 1628 | 1628 | 1628 |
| Rear wheelbase (mm) | 1638 | 1638 | 1638 |
| Approach angle (°) | 12 | 12 | 12 |
| Departure angle (°) | 16 | 16 | 16 |
| Body structure | MPV | MPV | MPV |
| Car door opening method | Swing door + sliding door | Swing door + sliding door | Swing door + sliding door |
| Number of doors (number) | 5 | 5 | 5 |
| Number of seats (seats) | 7 | 7 | 7 |
| Fuel tank volume (L) | - | - | - |
| Trunk volume (L) | 516-1586 | 516-1586 | 516-1586 |
| Curb weight (kg) | 2245 | 2245 | 2245 |
| Maximum full load mass (kg) | 2890 | 2890 | 2890 |
| Engine | | | |
| engine model | 4B20J2 | 4B20J2 | 4B20J2 |
| Displacement (mL) | 1991 | 1991 | 1991 |
| Displacement(L) | 2.0 | 2.0 | 2.0 |
| Intake form | turbocharging | turbocharging | turbocharging |
| Engine layout | horizontal | horizontal | horizontal |
| Cylinder arrangement | L | L | L |
| Number of cylinders (number) | 4 | 4 | 4 |
| Number of valves per cylinder (number) | 4 | 4 | 4 |
| Air Supply | DOHC | DOHC | DOHC |
| Maximum horsepower (Ps) | 190 | 190 | 190 |
| Maximum power(kW) | 140 | 140 | 140 |
| Maximum power speed (rpm) | 4500-5000 | 4500-5000 | 4500-5000 |
| Maximum torque (N • m) | 330 | 330 | 330 |

| | | | |
|--|-----------------------------------|-----------------------------------|-----------------------------------|
| Maximum torque speed (rpm) | 1500-4000 | 1500-4000 | 1500-4000 |
| Maximum net power (kW) | 140 | 140 | 140 |
| Engine specific technology | - | - | - |
| fuel form | Gas-electric hybrid | Gas-electric hybrid | Gas-electric hybrid |
| fuel grade | No. 92 | No. 92 | No. 92 |
| Fuel supply method | direct injection | direct injection | direct injection |
| Cylinder head material | Aluminum alloy | Aluminum alloy | Aluminum alloy |
| Cylinder material | Aluminum alloy | Aluminum alloy | Aluminum alloy |
| Environmental protection standards | Country VI | Country VI | Country VI |
| Electric motor | | | |
| Motor type | Permanent magnet/synchronous | Permanent magnet/synchronous | Permanent magnet/synchronous |
| Total motor power (kW) | 134 | 134 | 134 |
| Total motor power (Ps) | 181 | 181 | 181 |
| Total torque of motor (N • m) | 270 | 270 | 270 |
| Maximum power of front electric motor (kW) | 134 | 134 | 134 |
| Maximum torque of front electric motor (N • m) | 270 | 270 | 270 |
| Number of drive motors | single motor | single motor | single motor |
| Motor layout | frontload | frontload | frontload |
| Battery Type | NiMH batteries | NiMH batteries | NiMH batteries |
| Battery brand | PRIMEARTH | PRIMEARTH | PRIMEARTH |
| Battery energy (kWh) | - | - | - |
| Electricity consumption per 100 kilometers (kWh/100km) | - | - | - |
| Battery pack warranty | Eight years or 200,000 kilometers | Eight years or 200,000 kilometers | Eight years or 200,000 kilometers |
| Fast charging function | - | - | - |
| Fast charging time (hours) | - | - | - |
| Slow charging time (hours) | - | - | - |
| Fast charging capacity (%) | - | - | - |

| gearbox | | | |
|---|---|---|---|
| Number of gears | Continuously variable speed | Continuously variable speed | Continuously variable speed |
| Gearbox type | Electronic continuously variable transmission (E-CVT) | Electronic continuously variable transmission (E-CVT) | Electronic continuously variable transmission (E-CVT) |
| abbreviation | E-CVT continuously variable transmission | E-CVT continuously variable transmission | E-CVT continuously variable transmission |
| Chassis steering | | | |
| Drive mode | Front wheel drive | Front wheel drive | Front wheel drive |
| four-wheel drive | - | - | - |
| Center differential structure | - | - | - |
| Front suspension type | MacPherson independent suspension | MacPherson independent suspension | MacPherson independent suspension |
| rear suspension type | Multi-link independent suspension | Multi-link independent suspension | Multi-link independent suspension |
| Assist type | electric assist | electric assist | electric assist |
| Body structure | Load-bearing | Load-bearing | Load-bearing |
| Wheel brake | | | |
| Front brake type | ventilated disc | ventilated disc | ventilated disc |
| rear brake type | ventilated disc | ventilated disc | ventilated disc |
| Parking brake type | Electronic parking | Electronic parking | Electronic parking |
| Front tire specifications | 225/55 R18 | 225/55 R18 | 225/55 R18 |
| Rear tire specifications | 225/55 R18 | 225/55 R18 | 225/55 R18 |
| Spare tire specifications | none | none | none |
| Passive safety | | | |
| Main/passenger seat airbag | Main●/Deputy● | Main●/Deputy● | Main●/Deputy● |
| Front/rear side airbags | Before●/After- | Before●/After- | Before●/After- |
| Front/rear head airbags (curtain airbags) | before●/after● | before●/after● | before●/after● |
| Rear windshield airbag | ● | ● | ● |
| Tire pressure monitoring function | ●Tire pressure display | ●Tire pressure display | ●Tire pressure display |
| Run-flat tires | - | ○ | ○ |
| Seat belt not fastened reminder | ●The whole car | ●The whole car | ●The whole car |
| ISOFIX child seat interface | ● | ● | ● |

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|--|---------------------------------------|---------------------------------------|---------------------------------------|
| ABS anti-lock | ● | ● | ● |
| Braking force distribution (EBD/CBC, etc.) | ● | ● | ● |
| Brake assist (EBA/BAS/BA, etc.) | ● | ● | ● |
| Traction control (ASR/TCS/TRC, etc.) | ● | ● | ● |
| Body stability control (ESC/ESP/DSC, etc.) | ● | ● | ● |
| Active safety | | | |
| Lane Departure Warning System | ● | ● | ● |
| Active braking/active safety system | ● | ● | ● |
| Fatigue driving tips | - | ● | ● |
| DOW opening warning | ● | ● | ● |
| forward collision warning | ● | ● | ● |
| rear collision warning | ● | ● | ● |
| Built-in driving recorder | ● | ● | ● |
| roadside assistance call | ● | ● | ● |
| Driving control | | | |
| Driving mode switch | ●Sport ●Economy ●Standard/Comfortable | ●Sport ●Economy ●Standard/Comfortable | ●Sport ●Economy ●Standard/Comfortable |
| Engine start-stop technology | - | - | - |
| energy recovery system | ● | ● | ● |
| automatic parking | ● | ● | ● |
| Hill assist | ● | ● | ● |
| steep descent | ● | ● | ● |
| Variable suspension function | - | ●Suspension soft and hard adjustment | ●Suspension soft and hard adjustment |
| Electromagnetic induction suspension | - | ● | ● |
| Driving hardware | | | |
| Front/rear parking radar | before●/after● | before●/after● | before●/after● |
| Driving assistance images | ●360-degree panoramic image | ●360-degree panoramic image | ●360-degree panoramic image |

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|--|-----------------------------|-----------------------------|-----------------------------|
| Transparent chassis/540 degree image | ● | ● | ● |
| Number of cameras | ●6 pieces | ●8 pieces | ●10 pieces |
| Ultrasonic radar quantity | ●6 pieces | ●6 pieces | ●6 pieces |
| Millimeter wave radar quantity | ●3 pieces | ●3 pieces | ●3 pieces |
| Driving function | | | |
| cruise system | ●Full-speed adaptive cruise | ●Full-speed adaptive cruise | ●Full-speed adaptive cruise |
| Assisted driving system | ●ADiGO | ●ADiGO | ●ADiGO |
| Assisted driving level | ●L2 | ●L2 | ●L2 |
| Reverse side warning system | ● | ● | ● |
| satellite navigation system | ● | ● | ● |
| Navigation traffic information display | ● | ● | ● |
| map brand | ●Gaode | ●Gaode | ●Gaode |
| AR real-life navigation | ● | ● | ● |
| Parallel assistance | ● | ● | ● |
| Lane Keeping Assist System | ● | ● | ● |
| Lane centering | ● | ● | ● |
| Road traffic sign recognition | ● | ● | ● |
| Automatic parking | - | - | - |
| Appearance/anti-theft | | | |
| Rim material | ●Aluminum alloy | ●Aluminum alloy | ●Aluminum alloy |
| Side sliding door form | ●Bilateral electric | ●Bilateral electric | ●Bilateral electric |
| Electric trunk | ● | ● | ● |
| induction trunk | ● | ● | ● |
| Electric trunk position memory | ● | ● | ● |
| Engine electronic anti-theft | ● | ● | ● |
| Central locking in car | ● | ● | ● |
| Key type | ●Remote key | ●Remote key | ●Remote key ●Bluetooth key |
| Keyless start system | ● | ● | ● |
| Keyless entry function | ●The whole car | ●The whole car | ●The whole car |

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|-----------------------------------|--|--|--|
| Remote start function | ● | ● | ● |
| Exterior lights | | | |
| low beam light source | ●LED | ●LED | ●LED |
| high beam light source | ●LED | ●LED | ●LED |
| Lighting features | - | - | - |
| LED daytime running lights | ● | ● | ● |
| Adaptive high and low beam | ● | ● | ● |
| automatic headlight | ● | ● | ● |
| car front fog lights | - | - | - |
| Headlight height adjustable | ● | ● | ● |
| Delayed turn off of headlights | ● | ● | ● |
| Skylight/glass | | | |
| Skylight type | ●Segmented electric sunroof | ●Segmented electric sunroof | ●Segmented electric sunroof |
| Front/rear electric windows | before●/after● | before●/after● | before●/after● |
| One-touch window lifting function | ●The whole car | ●The whole car | ●The whole car |
| Window anti-pinch function | ● | ● | ● |
| Multilayer soundproof glass | ●The whole car | ●The whole car | ●The whole car |
| Rear side window sunshades | - | ●Manual | ●Manual |
| Rear side privacy glass | ● | ● | ● |
| Car vanity mirror | ●Main driver + lighting ●Co-pilot + lighting | ●Main driver + lighting ●Co-pilot + lighting | ●Main driver + lighting ●Co-pilot + lighting |
| rear wiper | ● | ● | ● |
| Sensing wiper function | ●Rain sensor type | ●Rain sensor type | ●Rain sensor type |
| Exterior rearview mirror | | | |

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|--------------------------------------|---|---|---|
| Exterior rearview mirror function | <ul style="list-style-type: none"> ●Electric adjustment ●Electric folding ●Rearview mirror memory ●Heated rearview mirrors ●Automatically flip down when reversing ●Automatically fold when the car is locked | <ul style="list-style-type: none"> ●Electric adjustment ●Electric folding ●Rearview mirror memory ●Heated rearview mirrors ●Automatically flip down when reversing ●Automatically fold when the car is locked | <ul style="list-style-type: none"> ●Electric adjustment ●Electric folding ●Rearview mirror memory ●Heated rearview mirrors ●Automatically flip down when reversing ●Automatically fold when the car is locked |
| Screen/system | | | |
| Central control color screen | ●Touch LCD screen | ●Touch LCD screen | ●Touch LCD screen |
| Central control screen size | ●14.6 inches | ●14.6 inches | ●14.6 inches |
| Bluetooth/car phone | ● | ● | ● |
| Mobile phone interconnection/mapping | - | - | - |
| Voice recognition control system | <ul style="list-style-type: none"> ●Multimedia system ●Navigation ●Telephone ●Air conditioning ●Sunroof | <ul style="list-style-type: none"> ●Multimedia system ●Navigation ●Telephone ●Air conditioning ●Sunroof | <ul style="list-style-type: none"> ●Multimedia system ●Navigation ●Telephone ●Air conditioning ●Sunroof |
| gesture control | - | ● | ● |
| face recognition | - | ● | ● |
| Vehicle intelligent system | ●ADiGO | ●ADiGO | ●ADiGO |
| Vehicle smart chip | ●Qualcomm Snapdragon 8155 | ●Qualcomm Snapdragon 8155 | ●Qualcomm Snapdragon 8155 |
| car tv | - | - | - |
| rear LCD screen | - | - | ● |
| Rear LCD screen size | - | - | ●15.6 inches |
| Rear seat control multimedia | - | - | ● |
| Voice wake word free | ● | ● | ● |
| Voice area wake-up recognition | ●Four areas | ●Four areas | ●Four areas |
| Speech continuous recognition | ● | ● | ● |
| It can be said that it is visible | ● | ● | ● |
| Intelligent configuration | | | |
| Internet of Vehicles | ● | ● | ● |
| 4G/5G network | ●4G | ●4G | ●4G |
| OTA upgrade | ● | ● | ● |

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| Wi-Fi hotspot | ● | ● | ● |
| In-vehicle biometric monitoring system | ● | ● | ● |
| Mobile APP remote function | ●Door control ● Vehicle start ●Air conditioning control ●Vehicle condition query/diagnosis ● Vehicle positioning/car search | ●Door control ● Vehicle start ●Air conditioning control ●Vehicle condition query/diagnosis ● Vehicle positioning/car search | ●Door control ● Vehicle start ●Air conditioning control ●Vehicle condition query/diagnosis ● Vehicle positioning/car search |
| Active noise reduction | - | - | ● |
| Steering wheel/interior rearview mirror | | | |
| Steering wheel material | ●Genuine leather | ●Genuine leather | ●Genuine leather |
| Steering wheel position adjustment | ●Manual up and down + front and rear adjustment | ●Manual up and down + front and rear adjustment | ●Manual up and down + front and rear adjustment |
| Shift pattern | ●Electronic gear shift | ●Electronic gear shift | ●Electronic gear shift |
| Multifunction steering wheel | ● | ● | ● |
| steering wheel gear shift | - | - | - |
| Steering wheel heating | ● | ● | ● |
| steering wheel memory | - | - | - |
| Trip computer display screen | ●Color | ●Color | ●Color |
| Full LCD instrument panel | ● | ● | ● |
| LCD instrument size | ●12.3 inches | ●12.3 inches | ●12.3 inches |
| Interior rearview mirror function | ●Automatic anti-dazzle | ●Automatic anti-dazzle | ●Auto-dimming ● Multimedia rearview mirror |
| Charging in car | | | |
| Multimedia/charging interface | ●USB ●Type-C | ●USB ●Type-C | ●USB ●Type-C |
| Number of USB/Type-C interfaces | ●4 people in the front row/4 people in the back row | ●4 people in the front row/5 people in the back row | ●4 people in the front row/5 people in the back row |
| 220V/230V power supply | - | - | ● |
| Mobile phone wireless charging function | ●Front row | ●Front row | ●Front row |

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|--|--|--|---|
| Luggage compartment 12V power interface | - | - | - |
| Seat configuration | | | |
| seat material | ●Imitation leather ●Genuine leather | ●Imitation leather ●Genuine leather | ●Genuine leather |
| Main seat adjustment method | ●Front and back adjustment ●Backrest adjustment ●Height adjustment (4-way) ● Waist support (4-way) | ●Front and back adjustment ●Backrest adjustment ●Height adjustment (4-way) ● Waist support (4-way) | ●Front and back adjustment ● Backrest adjustment ●Height adjustment (4-way) ●Waist support (4-way) |
| Secondary seat adjustment method | ●Fore and aft adjustment ●Backrest adjustment | ●Fore and aft adjustment ●Backrest adjustment | ●Fore and aft adjustment ● Backrest adjustment |
| Main/passenger seat electric adjustment | Main●/Deputy● | Main●/Deputy● | Main●/Deputy● |
| Front seat functions | ●Heating ● Ventilation | ●Heating ● Ventilation | ●Heating ● Ventilation |
| Power seat memory function | ●Driving position | ●Driving seat ●Rear seat | ●Driving seat ● Rear seat |
| Adjustable buttons for the passenger seat and rear row | ● | ● | ● |
| Second row seat adjustment | ●Fore and aft adjustment ●Backrest adjustment ●Leg rest adjustment | ●Fore and aft adjustment ●Backrest adjustment ●Leg rest adjustment | ●Fore and aft adjustment ● Backrest adjustment ●Leg rest adjustment |
| Electrically adjustable second row seats | ● | ● | ● |
| Second row seat functions | ●Heating ● Ventilation ●Massage | ●Heating ● Ventilation ●Massage | ●Heating ● Ventilation ● Massage |
| welfare seat | - | - | - |
| Rear small table | - | ● | ● |
| Second row independent seats | ● | ● | ● |
| Third row seat adjustment | ●Fore and aft adjustment ●Backrest adjustment | ●Fore and aft adjustment ●Backrest adjustment | ●Fore and aft adjustment ● Backrest adjustment |
| Seat layout | ●2-2-3 | ●2-2-3 | ●2-2-3 |
| Rear seats fold down | ●Inverted proportions | ●Inverted proportions | ●Inverted proportions |
| Front/rear center armrest | before●/after● | before●/after● | before●/after● |
| Rear cup holder | ● | ● | ● |
| Heated/cooled cup holder | ●Heating/cooling | ●Heating/cooling | ●Heating/cooling |
| Audio/interior lighting | | | |

| | | | |
|---|---|---|---|
| Speaker brand name | - | ●YAMAHAYamaha | ●YAMAHAYamaha |
| Number of speakers | ●8 speakers | ●16 speakers | ●16 speakers |
| touch reading light | - | - | - |
| Car interior ambient lighting | ●Multicolor | ●Multicolor | ●Multicolor |
| Air conditioner/refrigerator | | | |
| Air conditioning temperature control method | ●Automatic air conditioning | ●Automatic air conditioning | ●Automatic air conditioning |
| Independent air conditioning in the rear | ● | ● | ● |
| Rear seat air outlet | ● | ● | ● |
| Temperature zone control | ● | ● | ● |
| Car air purifier | ● | ● | ● |
| In-car PM2.5 filter device | ● | ● | ● |
| negative ion generator | ● | ● | ● |
| Car fragrance device | - | - | ● |
| car refrigerator | - | - | - |
| Optional package | | | |
| Exterior color | Elegant black, Haoyue gray, peacock blue, pearl white | Elegant black, Haoyue gray, peacock blue, pearl white | Elegant black, Haoyue gray, peacock blue, pearl white |
| interior color | black/blue, brown/beige, black | black/blue, brown/beige, black | black/blue, brown/beige, black |

Note: ●Standard ○ Optional - None