Master's

MM23

20 PASSENGER

The Master's Motors MM23 is the lightest and strongest bus available on the market today. Using aluminum cage construction and engineered for peak versatility, this brand new MM23 shuttle is built on the rugged E450 chassis - perfectly configured to carry 20 passengers and your driver with ease. Under the hood, a high-output 7.3L gas engine and smooth automatic transmission deliver effortless, reliable performance even under maximum loads. With a suite of advanced safety belts, you can deploy your passengers and drivers with complete peace of mind. No corrosion or rust with the use of aluminum.

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(800)783-3613

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Overview

Vehicle Overview:

Engine
- 7.3L Gas
- 55 Gallon fuel tank

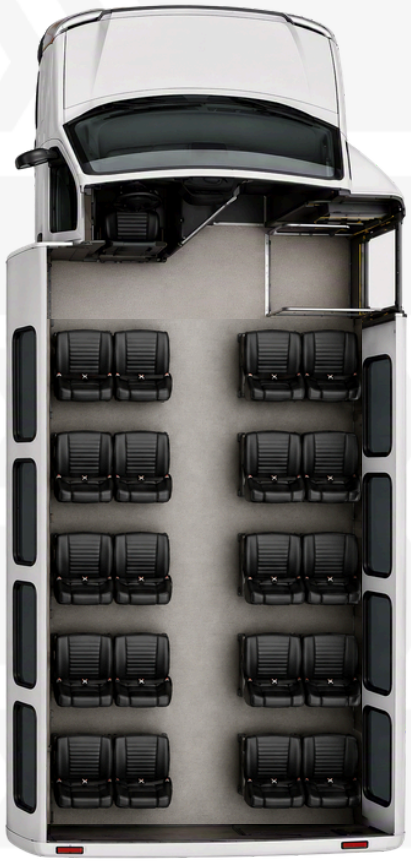
Safety
- Aluminum Cage Construction
- Driver's Visibility Window in Front of Entry Door
- Back-Up Alarm & Camera

Other Specs
- Aluminum Floor System
- 89K BTU AC Includes Dash AC
  - 74K BTU Aftermarket
- Mid-High Seats
- Scalable and adaptable to other chassis platforms

Key Measurements
- Ground to 1st step: 12.5"
- Step Riser: 9"
- Step Tread: 12.375"
- Step Width: 36"

Vehicle Measurements:

Floor Plan:



Your trusted transportation partner for over 30 years

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Specifications

Chassis
- Make: Ford E450
- Engine: 7.3L Gas
- Transmission: Automatic
- Brakes: Hydraulic
- Wheelbase: 158"
- GVWR: 14,500 lbs.
- Seating Capacity: 14 passengers

Exterior
- Color: White
- Aluminum Cage Construction
- Driver's Visibility Window in Front of Entry Door
- Solid Windows
- Rear Mud Flaps
- One Piece Roof
- OEM Rear Suspension
- Stainless Steel Wheel Inserts
- FRP exterior body panels

Interior
- Extended Body Length that allows additional leg room and comfort.
- Aluminum, track-style floor decking
- 98" Interior Width
- 80" Interior Height
- Right Hand Entry Grab Bar
- Stanchion and Modesty Panel Behind Driver
- Black Slip Resistant Flooring
- FRP Ceiling and Walls
- Coated sub-floor structure

A/C and Heat
- Rooftop A/C System: 89K BTU AC Includes Dash AC
  - 74K BTU Aftermarket
- Heater: 65k BTU

Lighting
- Door Activated Interior Lights
- Surface Mounted LED Entry Door Exterior Light
- All LED Interior and Exterior Lights

Electrical
- Weatherproof breaker box installed on frame rail.
- Plug and Play electrical harness.

Audio/Visual
- AM/FM/BT/Radio/Clock/ USB Input
- three Speakers

Safety
- Back-Up Camera System w/7" Rearview Monitor/Mirror Combo
- Back-Up Alarm
- Fire Extinguisher, First Aid Kit, Triangles

Seating
- High Back Seats
  - Side Hand Handle and Snack Trail

Certifications
- FMVSS220 Rollover Complaint
- Altoona Tested
- Non-CDL
- Buy America Compliant
- ISO 9001:2015

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MM23

FEATURE	BENEFIT
• Aluminum Cage Construction	• Lightweight, corrosion resistant and strong
Aluminum, track-style floor system	Weight savings and flexible seating options
• FRP exterior body panels	• Strength as well as unique design features
• Scalable and adaptable to other chassis platforms	• Ensures future compatibility and easier upgrades or replacements
• Plug and play body electrical harnesses	• Faster service and fewer electrical issues
• Sub-floor structure utilizes high-strength steel members instead of carbon steel	Fewer repairs and a longer-lasting bus, ideal for fleet operators.
• Coated sub-floor structure	• Corrosion resistance
FMVSS220 Rollover Complaint	• Confidence in the bus's safety standards.

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Warranty

Manufacturer Warranty	• Master's Motors 3 Year/36,000 Miles
Chassis Warranty	• Engine: 5 Years/60,000 Miles • Bumper to Bumper: 3 Years/36,000 Miles • Transmission: 5 Years/60,000 Miles

We Process All The Warranty Registrations
We register all of your bus parts for you, no more pesky warranty cards to fill out. This includes all parts, wheelchair lift, electronics, HVAC, etc.

We Handle All The Paperwork
We administer and coordinate any warranty work. You make one call to our warranty department, and they take it from there.

Repair Facilities Near You
When warranty work is needed, we use service repair facilities near the bus location. We have over 2,900 authorized centers and growing. You will never have to drive far to get repairs completed.

Our Core Values

- We Relentlessly Pursue Excellence.
- We Demand a Culture of High Integrity.
- We Have a Positive, Can-Do Attitude.
- We Are Solution Oriented.