

These are the minimum specifications for the vehicle described. Where a brand/model is referenced, an equal will be considered.

1. Cab & Chassis

- Freightliner M2-106 with a 4x2 Chassis Cab Color – White and without Front Frame Extensions
- Glad Hands, Hoses and Connections
- 121 Clear CA (Round to Next Whole Number)
- Chassis Wheelbase Length – 190
- 250 HP Engine Rating
- Cummins B6.7, Allison 3500 RDS Automatic Transmission (Left and Right-Side PTO Openings Only) or equivalent
- Automatic Transmission (Left and Right-Side PTO Openings Only)
- Freightliner 50 Gallon Fuel Tank
- Freightliner 6 Gallon DEF Tank
- Freightliner Horizontal Exhaust
- 315/80R22.5 Front Tire
- 11R22.5 Rear Tire
- Air Brakes
- Park Brake in Rear Wheels
- Vinyl Split Bench Seat
- Rigid Step Mounted Beneath Side Access Steps (Installed to Extend Approx. 2" Outward)
- Single Platform Access, One Step Mounted to Turntable
- Platform Access Step from Top of Body Compartment
- Platform Rest, Rigid with Rubber Tube
- Lower Boom Rest Weldment
- Mounting Brackets for Lights, Located on Lower Boom Rest
- Wood Outrigger Pad, 24 x 24 x 2.5 Inch, With Rope Handle Qty 4
- Outrigger Pad Holder, 25" L x 25" W x 5" H, Fits 24.5" x 24.5" x 4" And Smaller Pads, Bolt-On,
- Bottom Washout Holes, 3/4" Lip Retainer 3/4" Qty 4
- Pendulum Retainers for Outrigger Pad Holders Qty 4
- Mud Flaps (Pair)
- Wheel Chocks, Rubber, 9.75" L x 7.75" W x 5.00" H, with 4" L (Pair)
- Dock Bumpers (Pair), Fixed Mounting (Rectangular Bumper), Installed at Rear Frame Rails So They Are the Furthest Point Back
- Slope Indicator Assembly (Pair) For Machine with Outriggers
- Safety Harness And 4.5' Lanyard (Fits Medium to X-large) Includes Pouch and Placards Qty 2
- 5 LB Fire Extinguisher with Light Duty Bracket, Installed (In Cab or Inside Compartment Only)
- Triangular Reflector and Flare Kit [Contains 3 Reflectors And 3 Flares/Fuses (20 Minutes Each)]
- Vinyl manual pouch for storage of all operator and parts manuals
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2. Aerial Device

- Articulating Non-Overcenter Aerial Device with a fiberglass upper boom and fiberglass insulator in the lower boom and a proportional joystick upper control and toggle switches.
- Automatic stow system

- Single, two-man platform mounted on curbside, 24 x 48 x 42 inches (610 x 1219 x 1067 mm). Platform should be rated at 700 pounds (317.5 kg) and rotates 90 degrees to the end of boom.
- Hydraulically articulating and extending material handling jib
- Soft Platform Cover for Two Man Platform (24x48)
- Polyethylene platform liner for two-man platform, 50 kV rating (minimum)
- Electric Over Hydraulic Outrigger Controls
- Engine start/stop with Secondary Stowage System, 12 VDC electric powered. Includes auxiliary pump and electric motor, powered by the chassis battery. Control should be captive air operated from the platform and toggle switch operated from the lower controls. This option allows the operator to completely stow the booms and platform in a situation wherein the engine, PTO or pump fails.
- Auxiliary, flat-shoe, A-frame outrigger installed at front of body, behind cab with 149 inch (3785 mm) maximum spread.
- Outrigger A-Frame with Flat-shoe - provides 149-inch (3785 mm) maximum spread outside to outside of shoe.
- Powder coat unit White
- Hook, Material Handling, 1-Ton with Latch, Installed on End of Aerial Winch Line
- Reservoir, 30 Gallon
- HVI-22 Hydraulic Oil (Standard).
- Standard Pump For PTO
- Hot shift PTO for automatic transmission
- Standard PTO
- Standard PTO/Transmission Functionality for Automatic Transmissions -If chassis is in gear, and PTO switch is activated, PTO will not engage. Chassis will remain in gear. Once the chassis is shifted back into gear the PTO will disengage. For some truck configurations the PTO switch must be turned off to allow the transmission to shift into gear.

3. Utility Body

- ICC (Underride Protection Bumper installed at rear. T-125 Style Pintle Hitch (30,000 LB MGTW with 6,000 LB MVL). Set of eye bolts for trailer safety chain, installed on each side of towing mount. Relocate Chassis-Supplied Glad Hands.
- Basic body fabricated from A40 grade 100% zinc alloy steel.
- All doors are full, double paneled, self-sealed with built-in drainage for maximum weather-tightness. Stainless steel hinge rods extend full length of door.
- All doors are to contain stainless steel flush type, single point, two-stage rotary paddle latches with recessed handles, including keyed locks and strikers. Door latches are bolted to the outer door panel.
- Heavy gauge welded steel frame construction with smooth floor.
- Possible contact edges should be folded for safety.
- Integrated door header drip rail at top for maximum weather protection.
- Fender panels are either roll formed or have neoprene fenderettes.
- Steel treated for improved primer bond and rust resistance.
- Automotive undercoating applied to the entire underside of body.
- Primer applied to complete interior and exterior of body.
- Automotive type non-porous door seals mechanically fastened to the door facing.
- 170-inch overall body length.
- 94-inch overall body width.
- 46-inch overall body height.

- 18-inch body compartment depth.
 - Body finish paint color - White.
 - 2-inch x 6-inch drop-in cargo retaining board at rear of body.
 - 2-inch x 6-inch drop-in cargo retaining board at top of side access step.
 - B-line channel should be standard.
 - 1st vertical street side (LH) - Three (3) adjustable shelves with removable dividers on 4-inch centers.
 - 2nd vertical street side (LH) locking swivel hooks on adjustable rails.
 - 3rd vertical street side (LH) locking swivel hooks on adjustable rails.
 - 1st horizontal street side (LH) - One (1) fixed shelf extending through rear vertical
 - 1st vertical curb side (RH) - Three (3) adjustable shelves with removable dividers on 4-inch centers.
 - 2nd vertical curb side (RH) locking swivel hooks on adjustable rails.
 - 3rd vertical curb side (RH) - Gripstrut access steps with grab handles.
 - 1st horizontal curb side (RH) - Two (2) adjustable shelves with removable dividers on 8-inch centers.
 - Rear vertical curb side (RH) locking swivel hooks on fixed rails.
 - Curbside compartment top access step installed in the cargo area 7 inches behind side access step.
 - 24-inch-long x 94-inch-wide steel tailshelf with 3-inch-high retainer rail around sides and rear, installed at rear of body.
4. Lighting, Wiring, Electrical
- Lights and reflectors in accordance with FMVSS #108 lighting package.
 - Standard Amber LED Strobe Light with Brush Guard
 - Dual Tone Back-Up with Outrigger Motion Alarm
 - Standard Multi-Point Grounding System Qty 3
 - Copper U Shaped Grounding Lug (Threaded) Qty 2
 - 7-Way Trailer Receptacle (Pin Type) Installed At Rear
 - Relocate Trailer Receptacle Supplied with Chassis
 - Electric Trailer Brake Controller
 - Pre-Wire Power Distribution Module 10 (compact self-contained electronic system that provides a standardized interface with the chassis electrical system.)
 - Modular Panel System - Includes Mounting Panel and Accessory Switches
 - Install Outrigger Interlock System
 - DOT Certification Required

Freightliner M2-106 4x2 Chassis with Altec AA55 Articulating Aerial Device or equal.