

Medix Specialty Vehicles, Inc

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Mini Specifications **Metro Express 166 Type III Ambulance**

Chassis

Ford E-450 Cutaway, Dual rear wheel, 158" Wheelbase, 14,050# (GVWR), 6.0L Turbo-Charged Diesel engine 363 cubic inches; Auxiliary Power train Control (APC) Module, Dual 110 amp Motorcraft Alternators; Dual Batteries (1500 CCA total); 4.10:1 Rear Axle Ratio w/ Limited slip; Front axle- 4,600#; Rear axle- 9,450#; 5-speed Torque Shift Automatic Transmission with Overdrive; Tilt wheel and Cruise control; Power windows; Power door locks; AM/FM electronic stereo radio with clock; Single fuel tank- 55 gal. Heavy duty air conditioning and cooling; LT225/75R x 16E tires with spare; Dual electric horns; Light & convenience group; Driver & Passenger high-back seats with tilt; Ambulance builders prep package- 47A; Mirrors- OEM low-mount with built in convex mirror; Back up alarm- 97 decibel rating.

Body Features

Dimensions 166" long x 95" wide, interior height 72"

Body Skin	0.090 aluminum
Body Corner Trim	Aluminum extrusion, vertical radius corners and radius roof extrusions
Body Structure	2.0" X 2.0" aluminum tube
Floor Structure	2.0" x 2.0" aluminum, with aluminum vapor barrier and a marine grade plywood floor.
Compartments-	(1) Oxygen on forward street side; M or H cylinder (1) Open storage on street side, double door forward of the wheel well (1) Open Storage compartment $\frac{3}{4}$ height on street side behind wheel well w/ inside / outside access; (1) Vertical backboard storage on curbside rear; (1) ALS storage RF with inside/outside access (1) Battery storage RF under ALS compartment. (For dimensions please refer to drawings)
Compartment Doors	Extruded frames with pan formed doors and locking paddle latches, all doors keyed alike
Side Entry Door	Extruded frames with pan formed door and inside/outside locking paddle, Window size 18" x 20"
Rear Entry Door	Extruded aluminum frame with pan formed door and inside/outside locking latches, double doors

Insulation	2.0" integral, structural polystyrene foam
Rear Step Bumper	Aluminum diamond plate with center flip up grip strut and rubber dock pads; bolt on construction
Rub Rails	Diamond plate along skirt of module.
Running Boards	Aluminum diamond plate with splash guards
Spare Tire Storage	Street side front compartment
Stone Guards	Aluminum Diamond plate front & rear corners
Fuel Fill Guard	Cast aluminum fuel fill bezel
Fender Flares	Rubber Fender Flares

Power Distribution & Control Center

Front Control Center	Mounted on engine cover, heavy duty high cycle rocker switches with back lighted legends and indicator lights, volt and amp meters, siren control head, emergency master switch, module power disconnect, all emergency lighting functions, horn/siren switch, compartment/entry door ajar lights, large sized cup holders in foot of console.
Rear Control Center	Mounted in action area, heavy-duty high cycle rocker switches with back lighted legends and indicator lights, all patient compartment lighting and medical function switches.
Power Distribution System	Relays and circuit breakers mounted on dill blocks for plug in/plug out feature, hard wired to 12-volt devices.
Shore Line Plug	125V- 20 amp covered receptacle mounted on street side front side of body.
Wiring	GXL high temperature wiring sized to voltage needs in high temperature split loom, secured and grommeted to prevent chaffing, color coded and labeled, with machine crimped connectors. Unit is pre wired for strobes. All wiring is run point-to-point without splices.
Antenna-Radio	(2) Universal antenna bases with coax terminated (1) behind driver's seat, (1) in action area, with power and ground. Breaker is located for power and ground in driver's seat base.
Lighting Interior	(6) Halogen dome lights- (2) rows of three each side switched separately; dual intensity; (1) 4" light in action area, (1) Hand held 500,000 CP spotlight with momentary switch, hard wired, to driver's seat base- choice of mounting locations.
5-Minute Checkout	Timer activated by side entry door when the battery switch is off operates dome lights in "low" mode for five minutes.

Electrical Outlets	(2) 12VDC plugs (1) in action area. (1) In ALS cabinet. (2) 115V lighted GFI receipts (1) in action area (1) in ALS cabinet.
Heater/AC	Combination heater/air conditioner located in bulkhead above technician's seat with controls on rear control center. 36,000 BTU heat, 32,000 BTU cool, 720 CFM fan.
Inverter	Pre-wired for inverter.
Vent	(1) marine style with 3-speed fan.

Warning Lights & Siren

Flasher	Dual mode solid state.
Grill Lights	(2) 7x3 series red halogens with Cast Aluminum flanges.
Intersection Lights	(2) 7x3 series red halogens with chrome flanges.
Light Bar, Front	(1) Flush Mount Style Front Light Bar- (2) red flashers, (1) Clear flasher, (2) clear oscillators.
Warning Lights	(9) 9X7 series halogens (2) red each side (2) red rear corners, (2) red rear mid-body wired to flash and brake (1) amber in center on rear.
Load/Backup Lights	(2) 9x7 series over rear doors.
Scene Lights	(4) 9x7 series (2) each side.
Siren	200-watt siren with NC Microphone located in front console.
Siren Speakers	Siren speakers with (2) 100-watt drivers mounted under front bumper.

Oxygen, Vacuum & Miscellaneous Equipment

Aspirator	(1) disposable aspirator, located in action area, hard plumbed to a 12V electric vacuum pump in exterior-mounted, filtered container.
O2 Cyl. Bracket	Metal bracket with straps, top collar and base located in front street side compartment sized for M or H cylinder.
O2 Outlets	(3) total- (2) in action area. (1) Over squad bench. O2 wrench chained in O2/Spare tire compartment.

Cabinets, Hardware & Miscellaneous Items.

Cabinet's	Trim-Aluminum radius corners. Cabinet fascias-Laminated Formica Fully Adjustable shelves in base wall cabinets. Plexiglas sliding windows with Full-height aluminum pulls. Monitor/Defibrillator shelf. Technician's Seat- Automotive style.
Assist Rail	(1) 72" (182.88 cm) over cot
Grab Handles	Heavy-duty handle on each door.
Cot Mount	Ferno Washington model 175-4.
Flooring	Module Flooring-. 125 (.3175 cm) heavy-duty vinyl with 3" roll-up sidewall.
IV Holders	(2) dual-bottle, swing down style, (1) over cot (1) over squad bench.
Medical Equipment Pole	7/8" (2.22cm) stainless steel pole mounted vertically at corner of action area for IV pumps or other clamp-on equipment mounting.
Labels	(2) "NO SMOKING" (2) "FASTEN SEAT BELTS"; (1) each in patient compartment and cab.
Cushions	Heavy Duty Seamless Vinyl with 3" foam

Paint, Decals & Lettering

Paint Stripe	optional
Lettering	optional
SOL Decals	Optional Star of Life Decals- (2)- SOL 4" (10.16 cm) for hood. (2)- SOL 12" (30.48 cm) for rear. (2)- SOL 16" (40.64 cm) for (1) each side (1)- SOL 32" (81.28 cm) on roof. (1)- Ambulance 4" (10.16 cm) mirror image for hood (3)- Ambulance 6" (15.24) (1) for each side (1) for rear

Due to the on-going product improvements and changing requirements of the ambulance industry, Medix Specialty Vehicles Inc. reserves the right to change this specification and related product without prior notice and without obligation to change prior product or parts.