



## TYPE III FD-160

The Medtec FD-160 is a big, full-featured rig with the responsive handling and smooth ride you'd expect from a professional-duty chassis. This ambulance gives you all the room you need to work and the value of Medtec's Field Duty line.

The 160" x 96" body houses an easy-access medical control center, interior/exterior storage space, strategically located sharps and waste containers, hideaway writing tray, CPR seat, Medtec's versatile, reliable, self-diagnostic electrical system and more. In addition, the offset front bulkhead allows full seat travel for both the driver and the passenger.

The unitized body construction is all Medtec®, with cross members every 12" to ensure the integrity of the ambulance and the safety of you and your patients. Smooth aluminum, painted exterior compartments complete with roll-form doors and cam-over closures keep your gear safely stowed. Interior cabinetry is customizable and emergency lighting can be installed to your specification.

Ultimately, the FD-160 is engineered for one purpose, to give you everything you need from an affordable, value-priced ambulance. Everything you need to do your job better. That's how you know it's a Medtec.



### CHASSIS

FORD E-450 158" DRW cutaway deluxe trim

160" x 96" Conversion

- 14,050 lb. GVWR
- 4600 lb. Front GAWR
- Air Bags - Driver/Passenger, Generation II
- Electronic 5-speed TorqueShift automatic transmission with overdrive
- 4-Wheel Anti-Lock Brake System
- 47A Ambulance Builder's Prep Pkg.
- Speed Control/Tilt Steering Wheel
- 6.0L diesel V8 Engine (engine block heater)
- AM/FM radio with CD player

### BODY

**Headroom:** 68" from floor to ceiling (72" headroom optional).

**Flooring:** Non-slip Lonplate II flooring with customer choice of standard colors.

**Compartments:** 090" (walls) smooth finish aluminum construction, .125" (floors) smooth aluminum sheet construction. Splatter paint interior finish.

**Construction:** Structural members are 1" x 2" x .125" aluminum tubes at 12" on center for sidewall verticals; roof cross members, and floor cross members; sidewall skin is .125" aluminum sheet; roof skin is a .090" 1-piece aluminum sheet; floor vapor barrier is .090" 1-piece aluminum sheet; doorjamb are formed integral in the sidewall .125" skin; automotive style side body molding.

**Door Construction:** 1-piece, form rolled, compartment and entry doors; .125" smooth aluminum construction incorporating 24 bends to form a minimum of 2 3/4" thick door profile; doorjamb have a total minimum thickness of 1/4" for door and hinge attachment; doors are mounted with stainless steel 1/4" x 3/4"

torx head screws; door hinges are polished stainless steel with 1/4" stainless pin; door hinges are slotted for convenient adjustment; pressure sensitive door seals installed on the outer door pan flange; recessed interior door liner with two access points for servicing latches; 3-piece door liners are provided for all entry doors; Tri-Mark heavy duty locking paddle handles with 2-point double latching on compartment and entry doors.

**Rear Step:** 8" open grate flip-up center section with ADP endpods.

**Side Entry Stepwell:** .125" ADP full depth side entry stepwell.

**Rubrails:** All aluminum C-channel style rubrails.

**Windows:** 1 - 18" x 19" sliding tinted glass window in the side patient entry door; 1 - 18" x 19" fixed tinted glass window in each of the rear patient entry doors.



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Medtec puts roomy sweep-out compartments, optional 5" rounded corners on all cabinets and counters, and easy-access work stations with laptop storage in the FD-160, giving your crew a custom-built workspace in a value-priced ambulance.



### EMERGENCY LIGHTS

**Intersection Lights:** 2 Whelen 700 Series halogen lights with integral Whelen flanges and red lenses.

**Front Lightbar:** 58" front lightbar with customer choice of lens colors, 1 on/off switch in the front console.

**Load Lights:** 2 Whelen 900 Series Opti-Scene 8" - 32" lights located above the rear doors; activate in reverse; 1 on/off switch in the front console.

**Scene Lights:** 4 Whelen 900 Series Opti-Scene 8" - 32" lights located two per side; 1 on/off switch in front console for each side.

**Siren:** Remote siren located in the front console; 1 siren/horn selector switch in the front console.

**Speakers and Lights:** 2 speakers mounted under the bumper; 2 Whelen 700 Series halogen forward-facing lights with red lenses.

**Warning Lights:** E-Spec lighting with E-Spec flash pattern; 8 Whelen 900 Series halogen lights with red lenses; 1 Whelen 900 Series halogen light with clear lens (cancels in secondary mode); 1 Whelen 900 Series halogen light with amber lens (flashes in secondary mode); front clear light and rear amber light flash together with intersector and speaker lights.

### OXYGEN/VACUUM

**Oxygen and Vacuum Outlets:** Customer choice of oxygen and vacuum outlet styles; 2 oxygen outlets and one vacuum outlet in the primary action area.

**Oxygen Cylinder Mount:** Adjustable stainless steel rings for an M size cylinder, located in the streetside front compartment.

**Vacuum and Suction System:** Thomas brand vacuum pump located in the streetside intermediate compartment on the floor (left rear) with a protective wire cover; 1 on/off vacuum switch located in the rear console; aspirator with disposable canister mounted on the action wall.

### CABINETS AND HARDWARE

**IV Holders:** 4 recessed IV holders with Velcro straps; 2 over cot, 2 over squad bench.

**Technician's Seat:** High back captain's chair with left side armrest and swivel base.

**Cabinets:** Cabinet over CPR seat with 2 flip-up doors; pull-out writing tray below primary action area; sharps container ships loose; biohazard container with lid and 12 red biohazard bags shipped loose; all adjustable shelves have infinitely adjustable C-channel mounting tracks; all cabinet interior corners are sealed for ease in clean up; all cabinet faces have picture-framed windows with mitered corners.

**Squad Bench:** Split lids with storage below; double cushions fastened with Velcro; gas-prop style hold opens (lid automatically opens when latch is released); stainless steel paddle latches in the face of the bench to hold the lids closed in the event of an accident; 3 seatbelts for seated and supine positions.

### ELECTRICAL

**Alternator:** 2 OEM installed alternators.

**Circuit Board:** Self-diagnostic module power distribution printed circuit board with automatic reset circuit breakers; a complete set of each size relay and circuit breaker is mounted in the electrical cabinet.

**Heat/Cool:** A combination heating and cooling unit installed over the walk through with 3-position mode selector switch and thermostat on the rear control panel; two automatic gate valves to shut off hot water from engine when in air conditioning mode; all heater hoses are EDPM Nomex material.

**115-Volt Outlets:** 3 - 115-volt hospital grade duplex outlets with GFI protection — located 1 in the primary action area, 1 in the second action area, and 1 in the ALS cabinet.

**Shoreline:** 115 volt 20 amp twist-lock power inlet with watertight cover; pigtail extension with twist-lock and standard 3-prong ends.

**12-Volt Outlets:** 2 cigarette style outlets — 1 in the primary action area and 1 in the ALS cabinet; Schottky diode to isolate medical equipment.