



**PROFESSIONAL DUTY  
 TYPE I PD-168F**

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Even with a 168" body, a 96" width and full walk-around headroom, it handles better than most other big ambulances. Its unitized body construction makes it solid, strong and safe. The single-piece doors with double-point door latches increase strength, structural integrity, and stand up to years of difficult duty. In addition, the recessed liners and pressure-sensitive seals keep your equipment cleaner by reducing the dirt and grime that gets into compartments.

All cabinets feature 5" rounded corners to provide an added level of safety whenever you're in the ambulance. Clean up is also easy and efficient with Medtec's vacuum-formed upholstery, 5" roll-up flooring, and the optional restocking feature on cabinet doors.

The optional Command Zone™ Advanced Electronics and Multiplexing System helps you stay in control of every situation. Specifically engineered for Medtec® ambulances, Command Zone automatically checks electrical circuits, giving you real-time information about all ambulance functions, full command of electrical loads, and built-in diagnostic software that pinpoints problem areas to make maintenance more efficient than ever.

We put all of this effort into these ambulances for one reason. Our job is to help you do yours better. And we take that job very seriously.



### CHASSIS

Ford F-450 189" DRW Cab/Chassis (F-450 4x4 optional)

168" x 96" Conversion
Pass-through

- XLT Trim, 4x2
- 16,000 lb. GVWR
- Airbags — driver/passenger, Generation II
- 5,600 lb. Front GAWR
- Electronic 5-speed TorqShift automatic transmission with overdrive
- 4-wheel anti-lock brake system
- 47A Ambulance Builder's Prep Package
- Speed control/tilt steering wheel
- 6.4L diesel V8 engine (Shoreline engine block heater)
- AM/FM radio with CD player

### BODY

**Headroom:** 72" floor to ceiling.

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

**Compartments:** .100" (walls) bright finish aluminum diamond plate construction; .125" (floors) smooth aluminum sheet construction.

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

**Door Construction:** 1-piece, form-rolled, compartment and entry doors; .125" smooth aluminum construction incorporating 24 bends to form a minimum 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 three 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:** Diamond back flip-up center section with cast aluminum Medtec logo endpods.

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

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

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



**At Medtec, everything that goes into your ambulance is your call. We build the ambulance to your specs, for one simple reason — you're the one who has to use it.**

### EMERGENCY LIGHTS

**Intersection Lights:** Two (2) Whelen 700 Series halogen lights with red lenses.

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

**Load Lights:** Two (2) Opti-Scene 8° – 32° lights located above the rear doors; activate in reverse; on/off switch in the front console.

**Scene Lights:** Four (4) Opti-Scene 8° – 32° lights; two (2) per side; separate on/off switch in the front console for each side.

**Siren:** Siren controls and siren/horn selector switch located in the front console. Two (2) 100-watt siren speakers mounted through the front bumper.

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

**Warning Lights:** KKK lighting with E-Spec flash pattern; eight (8) Whelen 900 Series halogen lights with red lenses; Whelen 900 Series halogen light with clear lens (cancels in secondary mode); 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; LED stop/tail/turn lights.

Double-panel doors with recessed liners, 5" rounded corners on all cabinets and counters, and easy-access storage with sweep-out compartment doors are only a few of the features Medtec packs into the PD-168F. Designed for safety and efficient patient care, this ambulance is built to help you do your job better.



### OXYGEN/VACUUM

**Oxygen and Vacuum Outlets:** Two (2) oxygen outlets and one vacuum outlet in the primary action area.

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

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

### CABINETS AND HARDWARE

**IV Holders:** Four (4) recessed IV holders with Velcro® straps — two (2) over cot and two (2) over squad bench.

**Technician's Seat:** High-back captains chair with left side armrest and swivel base, seamless vacuum-formed upholstery.

**Cabinets:** Sliding doors; adjustable shelves; sealed interior corners for easy clean-up; cabinet faces have picture-framed windows with mitered corners; tinted acrylic (Plexiglass) doors; full-length extruded aluminum pull handles on sliding glass doors; 5" rounded safety corners; roll-out writing tray with storage underneath flip-up Plexiglass lid.

**Squad Bench:** Split lids with storage below; 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; three seatbelts for seated and supine positions; double vacuum-formed cushions fastened with Velcro.

### ELECTRICAL

**Alternator:** Two (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 or pass-through with 3-position mode selector switch and thermostat on rear control panel (duct heat/cool with ceiling vents optional).

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

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

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