

# 2008 BRAUN TYPE III EXPRESS AMBULANCE

## 2008 FORD E-350

### SPECIFICATION SUMMARY

<b>Overall Length</b>	<b>243.5"</b>			<b>Curb Weight</b>	<b>8430 lbs.</b>
Overall Width	90			Front Payload	985
Overall Height	100			Rear Payload Available	3385
Module Length	144	G.V.W.R.	11,500	Combined (Total) Payload	2270
Module Interior	68				
Module Floor Height	31				

#### CHASSIS - OEM

AIR BAGS - OEM driver's side and passenger's side air bag  
 AIR CONDITIONING - OEM high output fresh air heater & air conditioner system  
 ALTERNATOR – Dual- Ford alternators with internal regulators & rectifiers, with 260 total amps  
 AMBULANCE PREP PACKAGE -  
 BRAKES - Heavy duty power disc-type on front and rear axle:  
 Four wheel ABS  
 BUMPER, FRONT - Chrome front bumper with plastic splash panel  
 CHASSIS - 2008 Ford E-350 Super Duty chassis - 138" wheelbase  
 CRUISE CONTROL -  
 ENGINE – 6.0 liter direct injected turbo diesel V-8 with block heater  
 FRONT AXLE RATING - 5,000 lbs. (5,000 lbs. G.A.W.R.)  
 FRONT SPRING RATING - 5,000 lbs  
 FUEL TANK - Single fuel tank - 37 gallons  
 G.V.W.R. - 11,500 lbs.  
 GAUGES, CHASSIS - Temperature, oil pressure, fuel, voltmeter  
 GRILLE - Chrome grille and grille surround  
 HIGH IDLE SYSTEM, AUTOMATIC / VOLTAGE MONITOR -  
 HORNS - Dual tone electric horns  
 LIGHT, DOME - Dome light with dual lights  
 MIRRORS, EXTERIOR – Manually telescoping - remote  
 MIRROR, INTERIOR CAB - Cab interior day/night cab mirror  
 POWER WINDOWS AND LOCKS -  
 RADIO - OEM AM/FM Stereo radio single CD, with digital clock  
 REAR AXLE RATING - 7,800 lbs. (7,800 lbs. G.A.W.R.), 4.10 Rear axle ratio  
 REAR SPRING RATING - 7,800 lbs.  
 SEATS - OEM Deluxe reclining high back captain chairs, lap and shoulder seat belts for both driver and passenger  
 SHOCK ABSORBERS - Heavy duty shock absorbers on front and  
 STABILIZER BAR - Heavy duty stabilizer bar on front  
 STEERING - Tilt steering wheel  
 TIRE, SPARE - LT225/75R x 16E Spare tire shipped loose  
 TIRES - (6) LT225/75R x 16E steel belted radial, all-season tires  
 TRANSMISSION – Torque-Shift 5-speed Automatic overdrive transmission  
 TRANSMISSION OIL COOLER - OEM Heavy duty finned auxiliary transmission oil cooler  
 TRIM PACKAGE - OEM STD Interior and exterior package  
 TRIM, INTERIOR - Medium flint cab interior color, OEM molded cab headliner, OEM trim panels with storage pockets on cab doors  
 WIPERS - Intermittent 2- speed windshield wipers with washer

#### CHASSIS CONVERSION

BATTERY SYSTEM - Dual battery system rated at 750 CCA per Battery in a slide-out tray.  
 FUEL - The fuel tank(s) shall be full at time of factory release  
 HEAT SHIELDS - Above muffler and exhaust system  
 MIRROR, EXTERIOR – OEM –Telescoping- manual- Black finish  
 MUD FLAPS - REAR  
 RUNNING BOARDS – Aluminum grip strut material and mud flaps  
 VALVE EXTENSIONS - AP5 valve extensions  
 WHEEL SIMULATORS - Stainless steel wheel simulators

#### ELECTRICAL SYSTEMS FEATURES

ALARM, BACKUP -  
 ATTENDANT CONTROL PANEL (ACP) – Mastertech w/ Vista III  
 CONVERTER / BATTERY CONDITIONER - 45 amp  
 INVERTER PREWIRE - For a Vanner #20-1000-tul.2; terminated In heat/ac area, accessible from panel in OSS compartment #1  
 LIGHT, CLEARANCE - ICC - ICC body lights are LED with chrome  
 LIGHT, DOME - (8) Dual intensity dome lights with multi intensity  
 LIGHT, DOOR OPEN INDICATOR – "Door open" warning display for entrance & OSS doors  
 LIGHT, FLUORESCENT – (2) 12 vdc powered fluorescent lights in the patient compartment with 3-way switching  
 LIGHT, OUTSIDE STORAGE (OSS) - Each OSS compartment automatically illuminated  
 MCC (MASTER CONTROL CONSOLE) – Mastertech w/ Vista III  
 OUTLET, INTERIOR 125 VAC - (1) 125 vac lighted patient compartment outlet  
 OUTLET, INTERIOR 12VDC - (2) 12 vdc outlets (power point) with Schottky diode medical isolator  
 PDQ (POWER DISTRIBUTION QUARTERS) – Weldon V-Mux digital electronic control system  
 RADIO ANTENNA BASE - (1) Antenna base (located adjacent to a dome light)  
 RECEPTACLE, SHORELINE - 20 amp manual inlet receptacle  
 SWITCH, EMERGENCY MASTER -  
 SWITCH, MCC AND ACP –Weldon V-Mux digital Vista III color warning display with touch pad switches  
 SWITCH, MODULE POWER – Contained in V-Mux Vista III Screen in both the cab and patient compartment.

## **EMERGENCY WARNING EQUIPMENT**

KKK FLASH PATTERN - Meets KKK-A-1822E  
LIGHT BAR, FRONT – Whelen 45KKKFH Mod Mounted Halogen-Light bar - (4) red rotators, (2) red outboard flashers, and (1) clear center flasher  
LIGHT BAR, REAR – Whelen 45KKKRH Halogen - (4) red rotators, (2) red outboard flashers, (1) amber center flasher, (2) 26° scene lights; momentary disable switch w/auto reset for rear scene  
LIGHT, FLASHING HEADLIGHTS - with daytime running lights  
LIGHT, GRILLE - (2) Whelen 500 red halogen grille lights in CPI aluminum housings  
LIGHT, INTERSECTION - (2) Whelen 700 red halogen intersection Lights.  
LIGHT, MODULE SIDE - (4) Dual light sets - (2) each side, consisting of (1) Whelen 900 red halogen warning light with chrome bezel & (1) Whelen 900-15 clear halogen scene light with chrome  
LIGHT, TAIL – Whelen 600 incandescent series brake/ tail/turn, halogen back-up in chrome bezels.  
LOAD MANAGER / SEQUENTIAL SWITCHING SYSTEM -  
PARK OVERRIDE – controlled through V-Mux system  
SIREN – Whelen 295HFS/A7 dual amp remote w/ microphone  
SPEAKERS, SIREN – Dual 100-watt siren speakers- through front bumper.

## **MODULE FEATURES**

ANTI-CORROSION PACKAGE - Includes nylon screw-hole inserts to prevent fastener contact with the module body, nylon hinge strips, ceramic coated hinge bolts, and ECK anti-corrosion spray  
ASSIST HANDLES - (4) 15.5" black urethane coated assist handles, one on each door, one at the rear doorway  
BODY CONSTRUCTION - SolidBody construction of welded .125" thick minimum 5052-H32 marine grade aluminum  
COMPARTMENT, EXTERIOR #1 - Storage (Long Board Storage)  
COMPARTMENT, EXTERIOR #2 - Storage (can accommodate a folding chair / stretcher.)  
COMPARTMENT, EXTERIOR #3 - Storage for "M" or "H" oxygen cylinder  
COMPARTMENT, EXTERIOR DESIGN - All exterior compartments and closeouts shall be sprayed with polyurethane material, have Eberhard "free-floating" handles with rotary locks and protective gasket under each handle.  
CONNECTIONS, CAB-MODULE - Module secured to cab with (28) 5/16" bolts and to chassis frame with (10) 12mm bolts thru OEM rubber mounted spacers.  
DOOR, SLIDING –EZ Glide Module Curbside  
DOORWAY / DOORS, PASSAGE – Eberhard chrome free-floating design door handles with rotary locks on each module passage door (doors latch to module only), .213 steel door latch activator rods with turn buckle  
DOOR CONSTRUCTION – Inverted pan design of .190" thick aluminum with gaskets on the doors & protected latches  
FENDERETTES - Anodized polished aluminum module fenderettes  
INSULATION - Nominal 3/4" thick Class 1 fire retardant sprayed urethane insulation  
MATTING, CURBSIDE DOORWAY - Entrance shall have skid resistant gray turtle tile  
PAINT, MODULE - module painted with PPG DHS 4289 white low VOC polyurethane (to match Ford YZ White) with clear-coat.  
THRESHOLDS – Stainless steel covered thresholds all OSS compartments

RUB RAILS - Anodized polished aluminum rub rails with 5/8" wide black reflective scotchlite tape  
SCOTCHLITE – Red reflective on edge of all hinged exterior doors  
STEP, REAR - BUMPER, Aluminum grip-strut material with hinged center flip-up and section heavy gauge polished stainless steel bumperettes on rear step ends attached directly to chassis frame  
STONE GUARDS – front anodized 24" high aluminum diamond plate  
THRESHOLD, REAR - Anodized aluminum diamond plate  
WINDOW, PASSAGE DOOR - (1) Fixed window with tinted glass in each rear passage door, (1) openable window with screen and tinted glass in curbside passage door

## **PATIENT COMPARTMENT FEATURES**

ASPIRATOR SYSTEM - Counter mounted Impact 324 self-contained system  
ATTENDANT SEAT & BASE - Deluxe high back, deep cushion attendant seat mounted on sliders on a swivel pedestal base  
CABINET DOORS - 1/4" thick clear acrylic sliding doors  
CABINET FACE - Scratch resistant, multi-use polychromatic coating with a clear epoxy finish  
CABINET, LOWER FRONT WALL - (1) Compartment with (2) adjustable shelves  
CABINET, STREETSIDE - (3) Compartments w/CPR seat or (5) compartments with no CPR seat  
CABINET, UPPER FRONT WALL - (2) Compartments  
COT FASTENER - Single-position, cot mount fastener, installed for cot model specified in either side or center position  
FLOOR CONSTRUCTION – Composite (non-wood) material over .125" thick aluminum  
FLOOR COVERING - Lonplate II #421 Mica single piece flooring, coved on the streetside and to the top of squad bench base on curbside  
GLOVE DISPENSER – Interior 3- box holder adjacent to OSS #2  
GRAB RAIL - 96" L One-piece stainless steel ceiling grab rail installed above the cot area  
HEADLINER - White vinyl clad aluminum patient compartment headliner  
HEATER / AIR CONDITIONER SYSTEM - High capacity 475 cfm fresh air heater/air conditioning system installed in the bottom compartment of the lower front wall cabinet, with automatic climate control  
I.V. HANGERS - (2) Perko I.V. hangers with stabilizing straps  
OXYGEN CYLINDER STORAGE - Storage for (1) "M" or "H" size oxygen cylinder in OSS #3  
OXYGEN SYSTEM - Oxygen system with (3) Ohio Med outlets  
PARTITION PASS-THROUGH - Open passage from cab to module (30"h x 17"w)  
RADIO SPEAKERS - (2) Stereo speakers in patient compartment with fader control in radio  
SHARPS/WASTE CONTAINERS - recessed, sharps and waste containers – in forward end of squad bench.  
SIGNS - (2) No smoking, oxygen equipped, fasten seat belt signs  
SQUAD BENCH BASE - the interior of the squad bench shall be sprayed with sound absorbing polyurethane material  
SQUAD BENCH CUSHION – with latch and spring hold-opens  
UPHOLSTERY - Heavy duty vinyl (Charcoal Gray)  
VENTILATOR, EXHAUST - Multi-speed exhaust ventilator  
WALL COVERINGS - Scratch resistant, multi-use polychromatic Coating

**KKK-A-1822F**

KKK-A-1822F COMPLIANT