

2009 BRAUN TYPE III EXPRESS AMBULANCE 2009 FORD E-350 SPECIFICATION SUMMARY

Overall Length	243.5"			Curb Weight	8430 lbs.
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