



Specification Summary

Name	Specifications
Type III - MX170	Overall Length 278" -284" (706 cm - 721 cm) Overall Width 95" (241 cm) Overall Height 103" (262 cm)** Headroom 72" (183 cm) Wheelbase 158"-159" (401 cm - 404 cm)* Payload Capacity Up to 4000 lbs. (1814 kg) *Depending on chassis selection **Total height of vehicle may differ according to chassis and suspension

Sales Options by Category

10-Base (BAS)

<i>Name/Description</i>		
BAS-PLA-14	TYPE III - MX170 TYPE III - MX170	1.00
BAS-TYP-13	Type III - Cutaway Type III - Cutaway	1.00

11-Chassis (CH*)

<i>Name/Description</i>		
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Conversion Ford E350/E450 Cutaway

Conversion Ford E350/E450 Cutaway

Ford E450 DRW Gas V8 Cutaway 4X2 158

Ford E450 DRW Cutaway 4 X 27,3L Triton V8 Gasoline Engine Wheelbase 158" (4013 mm) GVWR (Gross vehicle weight rating) 14,500 Lbs / 6,577 Kg

13-Module (MOD)

Name/Description

MX170 Ambulance Module

All Aluminum ambulance module structure, doors structure and accessories.

14-Module Configuration (MCF)

Name/Description

C1 Door, ALS Access and Battery Location

First door on curbside (C1) for ALS compartment access and battery slide out sealed compartment.

Close upper access to ALS compartment

Close upper access to ALS compartment

C2, Curbside Entry Door, with Sliding Window

Side entry door on curbside (C2) for patient compartment access, with flush-mounted, automotive-style opening window.

C3 Door, Storage Exterior Compartment

Third door on curbside (C3) for backboard or other storage.

Stair Chair Location, Two (2) Adjustable Shelves

Stair chair location with two (2) adjustable shelves and retaining safety belt for backboard in C3 compartment.

High-Intensity Compartment Tube Lighting

High-intensity tube lighting for Compartments. With Side entry Door Steps.

E Door, Electrical Exterior Compartment

Upper door (E) for electrical panel access.

A1 and A2, Rear Entry Doors, Individ. Door Handles

Two (2) rear entry doors for patient compartment access, each with its individual exterior door handle.

S1 Door, Main Oxygen Exterior Compartment

First door on streetside (S1) for main vertical oxygen cylinder.

First Door (S1) Compartment Fixed Shelf

First Door (S1) Compartment Fixed Shelf

First door (S1) Compartment Fixed Divider

First door (S1) Compartment Fixed Divider

Full-Depth Shelf, One (1), Adjustable

One (1) full-depth, adjustable shelf in S2 compartment.

S2 Door, Storage Exterior Comp

Second door on streetside (S2) for equipment storage for MX/MXP170.

Additional Full-Depth Shelf in SS2

Additional Full-Depth Shelf in SS2, One (1), Adjustable

S3 Compartment, Equipment Storage, In/Out Access

Third door on streetside (S3) for equipment storage, with interior/exterior access.

Full-Depth Shelves, Two (2), Adjustable

Two (2) full-depth, adjustable shelves in S3 compartment.

Add strap across stairchair compartment in C3

Add strap across stairchair compartment in C3

15-Lighting (LGT)



Name/Description

Turn Signal Arrows, Amber (2), LED

Two (2) amber turn-signal arrows, installed on the front of the module. Whelen 600 series (6 x 4) LED lights.

Turn Signal Lights, Amber (2), LED

Two (2) amber turn-signal lights, intermediate side mount. Whelen 700 series (7 x 3) LED lights.

Third Upper Brake Light, LED

Third upper brake light at rear of module. Whelen 600 series (6 x 4) LED light.

Mid-Height Lights: Arrow, Brake, Reverse

Two (2) amber arrows, two (2) red brake lights, and two (2) reverse lights at mid height. Whelen 600 series LED lights (6 x 4).

Rear Step Plate, without Lighting

Rear step plate without lighting.

Marker Lights, Amber (7) and Red (7), LED

Seven (7) front upper center and corner amber LED marker lights. Seven (7) rear upper center and corner red LED marker lights.

Marker Lights, Two (2) rear mid-height red LED

Two (2) rear mid-height red LED marker lights.

16-Emergency and Working Lights (EWL)

Name/Description

Chrome bezels

Chrome bezels

Emergency Lights, (7) LED (900)

Seven (7) emergency lights installed on the front of the module. Whelen 900 series (7 x 9) LED lights. (Standard setup includes three (3) red, one (1) white, and three (3) red)

Lights in Front Grille, (2) LED (700)

Two (2) lights in front grille. Whelen 700 series (7 x 3) LED lights. (Standard setup contains red lighting)

Emergency Lights on Inside of Doors, One (1) each

One red emergency light on each compartment and entry door inside panel. Total of eight (8) round LED lights.

Intersection Lights, (2) LED (700)

Two (2) intersection lights with turning priority. Whelen 700 series (7 x 3) LED lights. (Standard setup contains red/clear lighting)

Bezel 15 deg metal for intersection lights

15 deg bezel for intersection lights on cabin fenders

Emergency Lights, (2) LED, Inter. Side Mount (700)

Two (2) emergency lights, intermediate side mount. Whelen 700 series (7 x 3) LED lights. (Standard setup contains red lighting)

Four (4) LED lateral emergency lights (900)

Four (4) lateral emergency lights (two (2) on each side). Whelen 900 series (7 x 9) LED lights. (Standard setup contains red lighting)

Scene Lights, Four (4), Clear LED, (900)

Four (4) lateral scene lights (two (2) on each side). Whelen 900 series (7 X 9) LED scene lights.

Emergency Lights, (2) LED, Rear Corners (900)

Two (2) rear emergency lights at upper rear corners. Whelen 900 series (7 x 9) LED lights. (Standard setup contains red lighting)

Emergency Lights, (2) LED (600)



Two (2) rear upper lights. Whelen 600 series (6 x 4) LED lights. (Standard setup contains amber lighting)

Loading Lights, Two (2), LED (600)

Two (2) rear loading lights. Whelen 600 series (6 x 4) LED lights.

Emergency Lights, (2) LED, Addt'l, Window Hgt (900)

Two (2) additionnal lights at window height. Whelen 900 series (7 x 9) LED lights. (Standard setup contains red lighting)

Upgrade Emergency lights to SPLITS (red/blue)

Upgrade - Standard SOLID Lights to SPLIT color red/blue. Specify quantity and location :
- Rear upper side 900 series lights to be split red/blue

Make the side lower lighting red/blue split color

Make the side lower lighting red/blue split color

(2) Lower led red/blue 3x7 (700 series) mounted on the rear lower kick plat

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BRAKE OVER-RIDE STUTTER FLASH rear upper RED corner 900 series

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Front Upper Module Lights, Red/White/Red/White/Red/White/Red ILOS

Front Upper Module Lights, Red/White/Red/White/Red/White/Red ILOS

Add 700 series Red/White LED's intermediate lights

-one on S1 and one on C1 compartment doors

Center Intermediate side lights over wheel well

Center Intermediate side lights over wheel well

co -All warning lights to have continuous

Change order - 2023-04-25(AM)rev.5; All warning lights(except grille, intersection & brake) program to "single flash 300" Original: -& sync wire. Program to "single flash 300"

BLUE LENS WINDOW HEIGHT REAR

CHANGE THESE TO BLUE LENS...EWL-RER-16 Emergency Lights, Red (2), LED, Addt'l, Window HgtTwo (2) additionnal red lights at window height. Whelen 900series (7 x 9) LED lights.

17-Audible Warning System (WRN)

Name/Description

Back-Up Alarm

Back up alarm (97dB) with override switch.

Whelen Howler Low Frequency Tone Siren

Whelen Howler is a add-on to any 100/200 watt siren amplifier. Uses low frequency tones to synchronize with the vehicles primary siren tones. Includes low frequency siren amplifier and speakers.

Whelen 295SLS Hands-Free Siren

Whelen model 295HFSA1 siren amplifier with 17 Scan-Lock™ siren tones.

Switch to Mute OEM Horn when Siren Speakers Active

Switch to mute the OEM horn when the siren speakers are activated.

Upgrade Siren to Whelen 295-HFSA7 dual-tone

Siren upgraded to Whelen 295-HFSA7 dual-tone ILO standard

Whelen SA315 Series Speakers

Whelen SA315 series speakers is a compact speaker meeting SAE Class A requirements when paired with Whelen 100 watt siren amplifier.

18-Exterior Vehicle features (VFT)

Name/Description



OEM exterior mirrors

Keep OEM exterior mirrors

Module Rub Rails, Aluminum

Aluminium rub rails on module sides.

Module Corner Protectors, Stainless-Steel

Stainless-steel protectors on module corners.

Module Wheel Trims, Fiberglass

Formed fiberglass wheel trimming on module.

Undercoating Protection

Undercoating protection for module and chassis.

Rear Wheel Mud Guards

Mud guards on module for rear wheels.

Stainless Steel Protectors Below Fillers

Stainless Steel Protectors Below Fillers

Chrome License Plate with Light

Recessed chrome license plate holder with LED light.

Cab Steps, Anti-Skid Material with Mud Guards

Anti-skid lateral steps. Includes mud guards for front wheels.

Rear Step Bumper, Retractable Center Section

Anti-skid rear retractable step. Diamond plate corner bumper. Rubber bumperette.

19-Convenience (CNV)

Name/Description

Valet Switch in Front Grille

The door unlock valet switch is located on the back of the front grille, on the driver's side half portion of the grille. It allows to unlock all doors of the vehicle, but cannot lock the doors.

Demers Fast Idle

Demers fast idle is generated by the multiplex module, it allows fast charging of the batteries by the engine when specific conditions are met.

Black Back-Up Camera

RearView Safety standard back-up camera with build-in audio support and infra-red night vision.

Black Dome Interior Camera

RearView Safety dome interior camera with build-in audio support and 130 degree viewing angle.

Mini Side Camera on Front Fenders

RearView Safety cameras (2X) offers a 130 degree viewing angle, color night vision and are installed on the front fenders of the vehicle.

7 inches Monitor

RearView Safety 7" backup digital LCD monitor is a stand-alone monitor and cable kit that connects to camera(s) installed on your vehicle.

Anti-Theft System

The anti-theft allows leaving the vehicle without keys and the engine running to keep the vehicle at the ideal operating temperature. It protects against theft by turning off the engine if the vehicle moves.

ECOSMART Anti-Idling System

The ECOSMART Anti-Idling System automatically stops and restarts the engine of the vehicle in idling conditions. The ECOSMART Anti-Idling System is managed by the Demers Electronic Multiplex System (DEMS).

21-Paint and Decals (DEC)



Name/Description

Urethane Paint

Two (2) coats of primer with two (2) coats of urethane. All four (4) sides and roof. No sanding. No buffing.

22-Drivers Compartment (CAB)

Name/Description

Spotlight in Front Cab, Hand-Held, with Bracket

Hand-held spotlight, 2000 lumens, with trigger-type switch and bracket.

Cup Holders, Dual, in Floor-Mounted Console

Dual cup holders in floor-mounted console.

Document compartment

Dual document compartment in floor mount console

Floor-Mounted Console with accessories

Floor-mounted console in front cab.Has no control just accessories.

Control Center with Switches and Touch Pad

Control center with switches and LED backlit pictograms in the Heads-up control center.

Cab headliner with Reading Lights, Red/Clear (2)

Two (2) clear and red overhead LED reading lights.

Front cab console BLANKS

NO cup holders or map bins. console should be all blanks for dealer to furnish items.

23-Curbside Configuration (CRB)

Name/Description

Four (4) glove box holders above C2 door window

Four (4) glove box holders above window on side entry door

Removable "A"-bar with sharps and trash.

Removable "A"-bar mounted at the front end of the squad bench with sharps and trash.

Full-Length Seat Cushion

Full-length, thermoformed, molded seat cushion.

Ergonomic Seat Backrest with Lumbar Support

Individual, ergonomic, thermoformed, molded backrests with lumbar support.

Seating, Three (3) Passengers, 2Pts Safety Belts

Seating for three (3) passengers with 2-point safety belts. Space for Flip-down and hands-free opening mechanism.

Squad Bench Latch Rod

Install linkage rod to allow only one paddle latch to open squad bench lid ILOS using both to open.

Add anchors for future safety net.

Add anchors for future safety net.

DELETE Flip down container with hand free open device IN SQUAD BENCH

DELETE Flip down container with hand free open device IN SQUAD BENCH

Add padding on the back wall of the squad bench (C3)

Add padding on the back wall of the squad bench (C3)

Squad bench cover

Please add cover to the back of the squad bench so nothing falls through the cracks (similar to done to Manhasset and Foster Trucks)

24-Streetside Configuration (STR)

Name/Description

Flip-Up Door, Tinted Self Latching Sliding Windows



Aluminum flip-up frames, self latching for easy restocking of cabinets. Polycarbonate tinted self latching sliding windows.

Storage cabinet below action area

Storage cabinet below action area with sliding windows. (Reduce storage space inside S2 compartment)

Storage cabinet below rear action area

Storage cabinet below rear action area with bottom hinged door

Medical Cabinet, CPR Bench Seat, Int/Ext Access

Medical cabinet with CPR bench seat, the rear lower storage compartment is accessible from the S3 exterior compartment.

CPR Seat , 2-Pt Safety Belt

Seating for one EMT with 2-point safety belt.

Install Southco Round Latch ILOS for Main oxygen cylinder access door over

ECC counter

Interior Left Wall Inside/Outside access to compartment #S3

Hinged Polycarbonate doors with CN10 compliant latches ILOS sliding Polycarbonate.

Move Action Area controls to ECC wall

Cut-out for 3 radios on angled control board.

Install Sharps 8507SA through action area counter.

-Waste & sharps containers recessed in front action area countertop; Reduce storage space inside S2 compartment Comments: NS-INT-SS-0016

25-Forward Bulkhead (FWB)

Name/Description

Pivoting Door Crawl-Through

Crawl through with pivoting door

Corner Cabinet, Streetside, Two Adjustable Shelves

Corner cabinet on streetside of front wall. Includes two (2) aluminum extruded doors with see through windows, two (2) adjustable shelves and LED strip lighting.

Locking Radio Communication Compartment

Lockable compartment for radio communication

ALS Cabinet, with Drawer

ALS cabinet on curbside of front wall. Includes four (4) aluminum extruded doors with see-through windows, adjustable shelf(s), one (1) drawer at mid-height, LED strip lighting, and inside/outside access via curbside door.

Compartment above ALS Cabinet, Lockable

Lockable compartment located above the front wall ALS cabinet.

See-Through Door, Two Handles

Four (4) extruded doors with see through windows and handles

26-Attendant Seat (AST)

Name/Description

EVS Swivel Seat Base, Two (2) Positions

EVS swivel 360 degrees seat base, locking in two (2) positions, forward and rearward positions

EVS 1880 3Pts Vac-Formed Seamless Child Seat

The EVS 1880 is a vac-form, seamless ambulance attendant's seat. Integrated child restraint system that allows uninjured children weighing between 20-65 lbs to be transported in a five point safety harness. When it is not needed, the child-insert can be folded into the seat and allow an adult to use the seat as a standard attendant's seat

27-Cot Configuration (COT)



Name/Description

Floor Plate & Pre-wire Power-LOAD - GEN 2 (NEW)

Stryker Power-Load floor plate. No cot fastener included. Include pre-wiring for charging feature. Default option for new Power-LOAD system from the field.

Center Floor-Mount Cot Configuration

Center floor mount cot configuration

28-Rear Control Panel (CAR)

Name/Description

Rocker Switch Controls with LED Backlit Pictograms

Rocker switch controls with LED backlit pictograms.

29-Oxygen (OXY)

Name/Description

Oxygen Outlets, Four (4)

Four (4) oxygen outlets. Two (2) in ECC, one (1) on curbside, and one (1) on the ceiling.

Oxygen Outlet, Quick-Connect

Quick-connect style oxygen outlet.

Oxygen Regulator, Manual, 50 PSI

Manual oxygen regulator (50PSI).

Oxygen Control Valve, Electronic, Manual By-Pass

Electronic oxygen control valve with manual by-pass.

Storage for Two (2) "D-Size" Portable Cylinders

"D-size" Portable oxygen cylinder storage (2), located in side entry door.

Universal Vertical Holder for Main Oxygen Cylinder

Universal vertical holder for types "K" or "M" main oxygen cylinder in S1 streetside exterior compartment.

31-Suction (SUC)

Name/Description

Suction System location in ECC

Main suction system is located in front streetside action area.

Thomas high flow vacuum pump

Thomas high flow vacuum pump

Vacuum outlet QD in action area

Vacuum outlet QD Puritan with yellow 5/16" hose 4 ft long

Vacuum regulator with disposable canister

Vacuum regulator with disposable canister

32-Electrical System (ELE)

Name/Description

Power Inverter, Xantrex Freedom, True Sine, 1000W

The inverter/charger provides AC power using the DC power from the conversion battery bank. Recharge all battery banks and power all 120 volts AC outlets when the external shoreline is connected.

Electrical Outlet, 120V AC with Indicator

120V AC hospital-grade electrical outlets with indicator.

Add 120V AC Duplex outlet with indicator

Additional 120V AC Duplex outlet with indicator. Details and location are as follows:

Enter text here¹ in the 45 degree cabinet.

Dual Super Auto Eject Power Inlet, 20 Amps

One (1) 120 Volts AC, 20 Amps and one (1) 20 Amps - Automatically disconnects shoreline - Completely sealed - Yellow cover - Indicator light.

**ACDelco Conversion Batteries**

Two (2) ACDelco conversion Batteries.

Electrical Outlet, 12V DC 20 amp with Indicator

12V DC, 20 amp Duplex electrical outlets.

Add 12V DC outlet with indicator

Additional 12V DC outlet with indicator. Details and location are as follows: 2 on passenger side of floor console and 1 in the 45 degree cabinet.

Demers Multiplex Electronic Management System

Demers Electronic Management System (DEMS) – Multiplex system.

Pre-wire for fog light

Pre-wire for fog light

33-Communication System (COM)**Name/Description****Pre-Wiring for 2-Way Radio, Two (2) Antenna Cables**

Wiring preparation for two-way radio, with two (2) antenna cables.(routed from front cab to radio communication compartment)

Radio Communications Compartment

Radio communications compartment universal board, Bussmann blade-type fuse panels, and harness to power the radio communication devices.(12V battery feed, ground, ignition).

Radio Communications Front Console

Radio communications front console universal board, Bussmann blade-type fuse panels, and harness.

Data Recorder Available Signals

Data recorder available signals through a universal connector in the electrical compartment.

5" back up camera screen replaces OEM rear view mirror on windshield

-REMOVE MIRROR

Backup camera includes object sensors / alarm

Backup camera includes object sensors / alarm

34-HVAC (CVC)**Name/Description****Dual In-Line condenser 48000 BTU, Underneath**

Auxiliary dual in line condenser installed underneath module - Hoseline 48000 BTU

120V Air Conditioning Unit

The compressor, condenser and evaporator form an assembly independent of the primary air conditioning system, cooling the air of the patient compartment through the ducted outlets when the vehicle is connected to shoreline.

OEM Tie-In Air Conditioning Unit System

The evaporator is tied-in to the OEM air conditioning system, cooling the air of the patient compartment through the ducted outlets.

Air Conditioning Outlets, Round

Round outlets for ducted air conditioning unit.

OEM Tie-In Heating Unit

The heating system is an extension of the OEM heating system, heating the patient compartment area through invisible opening underneath the medical cabinet at floor level.

Exhaust Fans (2)

Two (2) exhaust fans for contaminated air. Activated by front control interface or rear console switch.

35-Interior Lights (ILG)



Name/Description

LED Dome Lights, Adjustable, Dig. Timer

The ceiling lights have four (4) different intensities. Each time the ceiling lights button is pushed, the intensity increases, until maximum intensity is reached.

36-Grab Handles (GBR)

Name/Description

Grab Bars Color, Yellow

Color of selected grab bars is Yellow.

Rear Door-Mounted Grab Bars, 16" x 16"

Two (2) door-mounted grab bars, 16" x 16", inside of rear doors (A1 and A2).

Curbside Door-Mounted Grab Bar, 12"

One (1) door-mounted grab bar, 12" each, on the inside of the side entry door (C2).

Embarking Grab Bars, 12"

Two (2) entry grab bars, 12" each, mounted inside the patient compartment. One (1) near the curbside entry door, and one (1) near the R2 rear entry door.

Ceiling Grab Rails, 90", Two (2)

Two (2) ceiling-mounted grab rails, 90".

37-Finish and Trim (FNS)

Name/Description

Lonseal, Loncoin II FEATHERWEIGHT, Navy blue

Lonseal, Loncoin II FEATHERWEIGHT, Navy blue

Cobalt Blue Upholstery

Cobalt blue vinyl upholstery for seat and padding covering.

Safety Yellow Upholstery

Yellow vinyl upholstery for safety exit padding covering.

Wood Flooring

Exterior grade plywood, 0,75 inches thick.

Fiberglass Ceiling

Fiberglass ceiling in Patient Compartment.

General Vehicle Identification

Vehicle general labels identification.

38-Functionality (FCT)

Name/Description

CompX lock, 150 series

Stand alone, cabinet eLock kit w/access control, numeric keypad (150-KP-CAB).

Location as follows: 1 on the upper ALS cabinet (FA).

Premium Countertop for Medical Cabinet

Solid Gelcoat counter top with an appearance similar to engineered stone or natural granite surface. Includes a lip around the front action area countertop, for configurations with a rear action area, the solid surface countertop in that area does not include a lip.

Gloves Box (3) Holders at Rear of Medical Cabinet

Recessed Gloves Box (3) Holders at Rear of Medical Cabinet

Glove Box Compartment, Three (3) boxes

Glove box compartment above CPR seat for three (3) horizontal boxes.

Radio Speakers, Recessed, Two (2)

Two (2) recessed radio speakers.

IV Hooks, Recessed in Ceiling, Flexible, Four (4)

Four (4) recessed flexible IV hooks in ceiling.



Storage Compartment, Sliding Doors

Storage compartment, two (2) cabinets, LED strip lighting, and sliding doors.

Trash Container, Flip-Down, Hands-Free

Trash container bracket in curbside flip-down container.

Digital Clock, Driver and Step Indicator Lights

Digital clock, rear step indicator light, driver intention indicator lights (direction, braker) located in padding above the rear doors.

Router vent slots in all cabinet doors to allow HVAC flow

to maintain temperature of equipment when ambulance is parked outside in extreme weather conditions.