

**Ford E-450 DRW Cutaway Mounted Mainline TV Inspection System  
Base Unit**

<b>Manufacturer</b>	<b>Model</b>	<b>Description</b>
<b>CUES</b>	<b>E-450-DRW</b>	<b>Ford E-450 DRW Cutaway Mounted Mainline TV Inspection Summit System for the inspection of 6" and larger Sanitary Sewers and Storm Drains</b>

**1 FORD E-450 GAS CUT-A-WAY 176" WB 2X4 CHASSIS**

- 1 6.8L SOHC EFI Triton V10 Engine
- 1 5-Speed Automatic Transmission with OD including:
  - 1 Auxiliary Cooler
  - 1 Tow / Haul Mode
- 1 4.56 Axle Ratio
- 1 14,500 lb. GVWR
- 1 176" Wheel Base
- 1 Standard Driver / Passenger Seat with Seat Belts and Sun Visors
- 1 12-Volt Light in Cab Area
- 1 Cab Air Conditioner
- 1 AM / FM Radio

**1 16' CARGO BOX WITH WALKTHRU**

- 1 Aero Cap with Walk Thru
- 1 2" X 6" Dense Pine Flooring
- 1 LED Light Package Includes Body Clearance and Stop / Tail / Turn
- 1 Full Width Barn Doors with CAM (Pipe) Locks on Each Door
- 2 Laminated Steel Lock
- 1 Kemlite Covering on Inside Rear Doors
- 1 Back up Alarm

**1 BACK-UP COLOR CAMERA SYSTEM [CHASSIS]****1 SAFE ENTRY/EXIT BUMPER**

- 1 Three (3) Steps Evenly Spaced
- 1 Bottom Step Folds Up for Ground Clearance
- 1 Safety Grab Handle

**1 KICKPLATE TRANSPORTER STORAGE**

- 1 Lockable Storage Compartment for Camera and Transporter
- 1 Sliding Drawer
- 1 Notch in rear door threshold of body for TV cable to pass through to transporter storage drawer

**1 KICKPLATE 2 DRAWER STACK ALUMINUM STORAGE****1 BULKHEAD WALL BETWEEN CAB AND CONTROL ROOM**

- 1 Door

**1 TV HIGH CUBE VAN EXTERIOR LIGHTING & CONTROL ROOM - EVOLUTION 3.0 TO INCLUDE:**

- 2 Amber Electronic Strobe Warning Beacons
- 2 Adjustable Floodlights Rear of Vehicle Area Illumination

## Control Room Interior:

- 1 Lonseal Lonplate Flooring
- 1 Kemlite Wall & Ceiling Covering
- 1 Bulkhead Wall with Passage Door from Control Room to Equipment Room
- 1 Tinted Viewing Window in Bulkhead Wall
- 1 Tinted Viewing Window in Bulkhead Door
- 1 Above Desk Control Console with Rack Mount for Electronic Equipment
- 1 Desktop / Work Area
- 1 12V High Intensity LED Light Fixture
- 2 Electrical Outlet with Dual Receptacles
- 1 Fire Extinguisher with Bracket, 10BC Rating
- 1 Operators Chair, Swivel with Casters
- 1 12-Volt Courtesy Light

**1 ROOF TOP AIR CONDITIONER, 13,500 BTU WITH HEAT STRIP****1 TV HI-CUBE VAN EQUIPMENT ROOM INTERIOR - EVOLUTION 3.0 TO INCLUDE:**

- 1 Kemlite Wall & Ceiling Covering
- 1 Climate Controlled Breaker Box/Electronics Storage Area with Locking Positive Latches
- 1 Electrical Outlet with Dual Receptacles
- 1 12V High Intensity LED Light Fixture
- 1 12-Volt Courtesy Light with 15 Minute Timer Located at Rear Door Area

**1 LONSEAL LONPLATE FLOORING IN EQUIPMENT ROOM****1 32" REAR FLAT SCREEN MONITOR MOUNTED IN BULKHEAD WALL**

- 1 Flat Screen Monitor
- 1 Cable Assembly - Video Monitor to Monitor in Control Room
- 1 Electrical Outlet

**1 7000 WATT GAS ONAN GENERATOR**

- 1 120 Volt 60 HZ 7000 Watt EFI (Electronic Fuel Injection) Commercial Grade Generator
  - 1 Gasoline Powered
  - 1 Electric Start
  - 1 Air Cooled
  - 1 Generator Remote Start/Stop Cable assembly

**1 GENERATOR COMPARTMENT [UNDER CHASSIS MOUNT]**

- 1 Generator Storage Compartment with Lockable External Access Door
- 1 Commercial Power Supply Receptacle, 25' Cord, and Plug
- 1 Electrical Supply Center with Circuit Breaker Box
- 1 Commercial power and Generator Power Connectors
- 1 Automatic Power Transfer Switch

**1 SYSTEM ENGINEERING PANEL, FOR POWER INFORMATION AND GENERATOR FUNCTIONS, RACK MOUNTED, TO INCLUDE:**

- 1 Four Function AC Power Meter displaying Critical Power Information including:
  - 1 Voltage
  - 1 Hertz
  - 1 Amperage
  - 1 Active Power (Watts)
- 1 Front panel Selector Switch for two modes of operation:
  - 1 Fixed reading
  - 1 Continuous Auto-cycling
- 1 Generator Battery Meter to Display Starting and Charging Voltage
- 1 Generator Hour Meter

- 1 Generator Remote Start/Stop Control Switch
- 1 On/Off Switch for Emergency Warning beacons (Switch to Illuminate When On)
  
- 1 P&T ZOOM M/C CAMERA**
  - 1 Solid State Color Sewer TV Camera
  - 1 Pan & Rotate Camera Head, 40:1 Zoom Ratio, 10x Optical Zoom, 4x Digital Zoom
  - 1 NTSC Color Standard with 4x Light Integration
  - 1 Camera Lighting System for 6" through 72" lines
  - 1 Camera Transportation and Storage Case
  
- 1 LED LIGHTHEADS FOR MAINLINE CAMERA IN LIEU OF XENON TO INCLUDE:**
  - 2 4 x 5W Cluster LED's for 6" through 72" lines
  
- 1 21" TRAC TRANSPORTER M/C TO INCLUDE:**
  - 1 6" Track Transporter with Freewheel and Powered Reverse
  - 1 Y Eliminator
  
- 1 8"-15" EXTENDERS FOR 21" TRAC TRANSPORTER**
  
- 1 SPARE PARTS KIT FOR TRAC TRANSPORTER TO INCLUDE:**
  - 1 Additional Chain Links and Rubber Cleats
  
- 1 12/5/4 ADAPTER CABLE**
  
- 1 1000' CABLE ASSEMBLY, M/C 12PIN METAL**
  - 1 1000' Gold Multi Conductor Kevlar Fiber Armored Combination TV Transmission / Tow Cable
  - 1 .450 Diameter
  - 1 Metal Splice Chamber with Pigtail
  - 1 Cable Strain Relief
  
- 1 TV REEL ASSEMBLY, MECHANICAL FOOTAGE FOR SUMMIT .450 CABLE**
  - 1 Black Thermoplastic Powder Coated Frame
  - 1 Power Level wind & Multi Ratio Manual Transmission
  - 1 Footage Meter with Local Counter and Remote Electronic Counter
  - 1 Transmission Control at Viewing Station
  - 1 Local Reel Mount Electrical and Mechanical Control
  - 1 Sealed Continuous Contact Collector Assembly
  - 1 Removable Drip Pan for Cleaning
  
- 1 AUTOMATIC PAYOUT SYSTEM FOR REEL - INSTALLED**
  
- 1 DVR/USB ASSEMBLY KIT WITH MICROPHONE F/TRUCK**
  
- 1 19" (MINIMUM) FLATSCREEN COLOR INDUSTRIAL TV MONITOR NTSC / PAL COLOR STANDARDS**
  
- 1 PCU ASSEMBLY [RACK MOUNT]**
  
- 1 CCU ASSEMBLY [RACK MOUNT]**
  - 1 Alpha Numeric Information Display, with Multi Paging and Defect Coding
  - 1 Remote "QWERTY" Keyboard for Data Entry
  - 1 On Screen Footage Display

**1 WIRED & WIRELESS USB CONTROLLER**

- 1 Joystick Control for Pan and Tilt Zoom Camera to Include:
  - 1 360 Degree Rotate
  - 1 330 Degree Optical Pan
- 1 Joystick Control for All Steering Functions & Forward / Reverse Directions for Transporter
- 1 Camera Lift Control for Optional Electronic Camera Lift
- 1 All Other Controls for Camera to Include:
  - 1 Camera Iris and Focus Override & Zoom
  - 1 Camera Lights & Shutter Control for Light Enhancement
  - 1 Camera Diagnostics & Auto Home
- 1 Cruise Control to Set Speed of the Transporter for Hands off Operation
- 1 All Reel Controls to Include: Retrieve, Release, and Variable Speed

**1 8.7" MINI KEYBOARD****1 MANHOLE TOPROLLER ASSEMBLY, TV ONLY****1 MANHOLE ADAPTER CLAW HOOK****6 RETRIEVAL/DOWNHOLE POLE ASSEMBLY****1 INVERT ROLLER ASSEMBLY****1 RETRIEVAL HOOK****1 MULTI CONDUCTOR TV ONLY TOOL KIT**

- 1 Milliamp meter Tool
- 1 Electrical Tape
- 1 Needle Nose Pliers
- 1 Six-In-One Screwdriver
- 1 6" Adjustable Wrench
- 1 Anti Seize Grease
- 1 9-Piece Allen Wrench kit
- 1 Solder Iron Kit
- 1 Industrial Pliers
- 1 5/32 T-Handle Hex Wrench
- 1 Multi Conductor TV Only Operation Manual
- 1 Parts Catalog
- 1 Cable Repair Kit DVD
- 1 TV Only Training DVD

**1 REDI EVALUATION KIT TO INCLUDE:**

- 1 Rugged Weather Proof Storage Case
- 1 Digital Hi-Resolution Wide Angle Web Camera
- 1 Diagnostic Test Box To Include:
  - 1 Voltage Test Points
  - 1 Built-In Mini Camera
- 1 Footage Test Box
- 1 Digital Multi-Meter
- 1 USB Diagnostic Tool
- 1 Video Cables and Adaptors

**2 DAYS TRAINING, ON-SITE**