

# XIS-TRUCK™

## PRODUCT HIGHLIGHTS

Deployable Awnings and Extendable Conveyors

Spacious Enclosed Operator Workstation

Rugged Frame for Rough Terrain

Air-Conditioned Cabin

180kV Generator



## PRODUCT DESCRIPTION

The XIS-Truck™ is our rugged mobile x-ray scanning system, putting the power of the XIS-100XDX™ onto a durable vehicle platform. It is custom built into the frame of a Ford-450 Super Duty and equipped with extendable conveyors, deployable awnings, and a backup generator. The XIS-Truck™ provides the quality imaging of Astrophysics systems in a package that can operate in any terrain comfortably and effectively.

## ABOUT ASTROPHYSICS

Since 2002, Astrophysics has led the industry in research and development, creating integrated solutions to advance the critical security missions of our customers and partners. Headquartered outside of Los Angeles, CA in the USA, Astrophysics has over 40,000 systems deployed in more than 150 countries, safeguarding critical infrastructure, aviation, and ports and border sites worldwide.

# XIS-TRUCK™

## GENERAL SPECIFICATIONS

Tunnel Size:	101.6 cm x 81.4 cm (WxH) 40.0" x 32.0"
Dimensions:	257.4 cm x 137.2 cm x 170.6 cm (LxWxH) 101.3" x 54.0" x 68.0"
Vehicle Dimensions:	670.56 cm x 202.0 cm x 281.94 cm (LxWxH) 264" x 79.52" x 111"
Net Weight: <sup>1</sup>	900 kg (1980 lbs)
Conveyor Speed:	23 cm/s (45 ft/min) Forward or Reverse
Conveyor Capacity:	200 kg (441 lbs) Evenly Distributed Load
Model:	Custom Ford F-450, 6.2 L V8 Engine Climate Controlled Operator Cabin

## X-RAY GENERATOR & IMAGE PERFORMANCE

Voltage:	180kV, Operating at 165kV
Tube Current:	1.2 mA
Cooling:	Sealed Di-Electric bath with Forced Air
Duty Cycle:	100%, No Warm-Up Procedure Required
Beam Direction:	Vertically Downward

## COMPUTER & VIDEO

Platform:	Windows® OS
Backup:	Uninterruptible Power Supply (UPS) (Computer Operation)
Memory:	4 GB RAM
Storage:	1 TB HDD, 240 GB SSD
Display Type:	Dual 24" Flat Panel Color Monitor 1600 x 1200;
Display Resolution:	24 Bit/Pixel Color

## TECHNICAL

Wire Resolution: <sup>2</sup>	40 AWG Typical, 38 AWG Standard
Steel Penetration: <sup>2</sup>	37 mm Typical, 35 mm Standard

## ENVIRONMENTAL

Operating Temperature:	0°C to 40°C / 32°F to 104°F
Storage Temperature:	-20°C to 60°C / -4°F to 140°F
Humidity:	Up to 95% Non-Condensing

## ELECTRICAL

System Power:	110VAC +/- 10% 50/60Hz, 15 Amp Max 220 VAC +/- 10% 50/60Hz, 10 Amp Max
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## HEALTH & SAFETY

Compliant with USFDA Center for Devices and Radiation Health Standards for Cabinet X-Ray Systems (21-CFR 1020.40)  
Typical radiation leakage is less than 0.1 mR/hr  
(Leakage less than 0.5 mR/hr permitted by U.S. Federal Standards)

## ISO 9001 & ISO 14001 CERTIFIED



<sup>1</sup>Weight and dimensions of the system may vary depending on customization.

<sup>2</sup>As tested on Astrophysics Inc. Test Piece.

<sup>3</sup>Optional Features may affect lead time, price, and weight of product. Please contact your Astrophysics Sales Representative for more information.

Due to continued product development, Astrophysics Inc. reserves the right to amend all technical specifications without prior notice.  
Contact [sales@astrophysicsinc.com](mailto:sales@astrophysicsinc.com) for the most updated brochures.

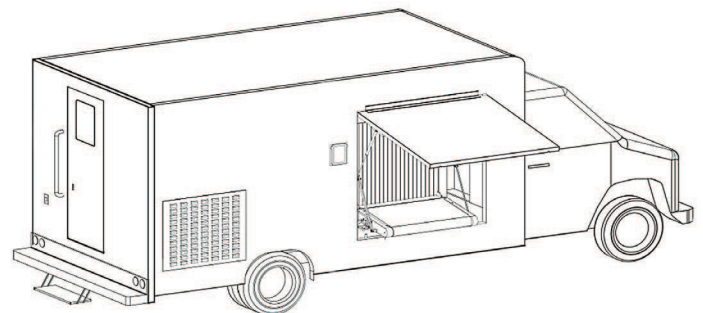
## FEATURES

### STANDARD

- 6 Color Imaging
- Color and Black/White Imaging
- Geometric Image
- Distortion Correction
- High Penetration Function
- Organic/Inorganic Imaging
- Picture Perfect
- Pseudo Color
- Real-Time Image Manipulation
- Reverse Monochrome
- Atomic Z-Number Measurement
- Material Discrimination
- 9 Quadrant Zoom
- Continuous Scanning
- Continuous Zoom Up to 64x
- Vertical Zoom Panning
- Auto Image Archiving
- Image Review
- Save Image (RGB)
- Image Annotation
- JPEG Conversion
- Print Image Capable
- Multi-Tier Accessibility
- Network Ready
- Real-Time Self Diagnostics
- Baggage Counter

### OPTIONAL

- Barcode Scanning
- Density Alert
- Local Language
- Safe Passage®
- Computer Based Training
- Screeener Assist Software
- Threat Image Projection (TIP) Software
- 4-Wheel Drive
- Custom Paint
- Entry/Exit Roller Tables
- Environmental Kit
- Intercom System
- Radiation Meter
- Test Case



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