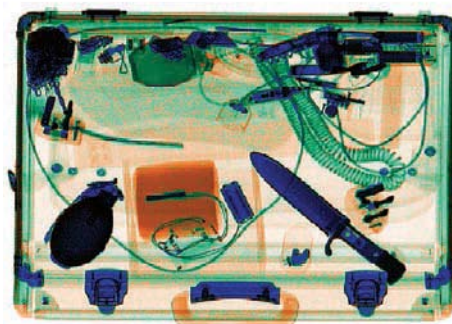


The Velocity Bulk is a large X-ray security screening System with a tunnel opening of 1000mm (39.4") wide by 1000mm (39.4) high. It is ideal for screening very large luggage, parcels, boxes and crates. The Velocity Bulk is ideal for use in airports, customs facilities, Dockyards and any other place where high security And completely mobile screening of large items is required.

The advanced Velocity Bulk is a PC based system that incorporates the latest technology featuring an enhanced modular design. This system seamlessly incorporates advanced computer options including Threat Image Projection (TIP), Deep Focus® and Image Archiving.

The Velocity Bulk has been seamlessly integrated into a Mercedes Sprinter Van using a custom coach built body. This allows the X-ray machine to be mounted in an area forward of the operator office and enclosed by roller shutter doors. The integral operator office features ergonomic desk, chair and twin 19" monitors. This area is sound and heat insulated and can be specified with air conditioning. The Mercedes can be homologated for use any where in the world.

As part of the EuroLogix Group Security Family of products, the Velocity Bulk shares in more than 10 years of experience in the manufacture of X-ray security products. With more than 8,000 units in the field worldwide and an extensive service organization to support them, EuroLogix Group is clearly the worlds leading supplier of Advanced Technology X-ray & Security products.



Velocity Bulk Additional Vehicle Information

- Dual 19" LCD Colour Monitors
- Remote Console Controls in Office
- Gas Stay Assisted Conveyors

Standard Features

- Variable Gamma
- Extreme 2D Imaging
- Zoom 100 x
- Deep Focus
- High Penetration
- Reverse Monochrome
- Material Discrimination
- Organic Stripping
- Inorganic Stripping
- Voltage Stabilizer
- CE Compliant
- On Board Petrol Generator
- UPS for all systems
- INTERCOM between driver and Operator

Optional Features

- Awnings
- Roof Beacon
- Floodlit Conveyor
- Air Conditioning
- Cold Climate Pack
- Hot Climate Pack

Optional Applications

- Threat Image Projection (TIP)
- 3 Dimensional Imaging
- Image Archiving (IA)
- CCTV system (2 Fixed camera, DVR, 15" Monitor to monitor outside the van)

Velocity Bulk 3D

- All Standard Features of the Velocity Bulk
- 3 Dimensional Stereo Imaging



Technical Specifications

General	
Tunnel Opening:	1000mm W x 1000mm H 39.4" W x 39.4" H
Conveyor Belt Height:	950mm (37.4")
Power Requirements:	115 – 120 VAC, 60 Hz (15 amp max) 230 – 240 VAC, 50 Hz (10 amp max)
Conveyor Speed:	0.23 m per sec (45 feet per min) @ 60 Hz 0.18 m per sec (36 feet per min) @ 50 Hz
Conveyor Capacity:	160 Kg (353 lb)
X-Ray	
Voltage:	160 kVp constant potential tube
Duty Cycle:	100%
Cooling:	Sealed oil bath
Beam Orientation:	Vertically Downwards
X-ray Sensor:	Semicoa® photo diodes in folded array (L-shaped) configuration

Vehicle Physical Specifications

External Dimension:	6220mm (L) x 2160mm (W) x 2890 mm (H) (with Air Conditioning Add 350 mm to Height)
Internal Height:	1905 mm
Weight:	4200 Kg (4400 max)
Environmental	
Operating Temperature:	0 C to 65 C
Storage Temperature:	- 20 C to 65 C
Humidity:	95% non-condensing
Airborne Noise Level:	<70dB (A)

Imaging and Performance – Velocity Bulk/III

Resolution:	38 AWG guaranteed, 40 AWG typical
Penetration:	28mm steel guaranteed, 30mm typical
Contrast Sensitivity:	at least 22 levels visible using a step wedge
Video Display:	two 19" LCD high resolution, low radiation, ergonomic, flicker free displays
Resolution:	38 AWG guaranteed, 40 AWG typical
Penetration:	28mm steel guaranteed, 30mm typical
Contrast Sensitivity:	at least 24 levels visible using a step wedge

Imaging and Performance – Velocity Bulk/V

Video Display:	two 19" LCD high resolution, low radiation, ergonomic, flicker free displays
Computer Specification (Minimum)	
Processor:	Intel Pentium® Centrino
System Memory:	256 MB Ram
Display:	24 Bit-True Colour (16.7 Million Colours)
Hard Disk:	20 GB High Speed SCSI Disk Storage
Additional Drive:	internal Zip™ Drive
Image memory	Over 5000
Image resolution	1208X102/75 Hz non interlaced

Radiation Safety

All Eurologix Group X-ray systems are certified to be in full compliance with all radiation safety requirements and external emissions limits as specified in the United States Code of Federal Regulations, Title 21, Section 1020.40 (21CFR1020.40) that applies to our products. Typical leakage radiation is less than 0.1 mR/hr compared to maximum of 0.5 mR/hr permitted by the Federal Standard.

Operational Standards

Complies with published International Standards including the U.S. Federal Aviation Administration Standards, "Use of X-Ray Systems" (Federal Standards 14 CFR 108.17 and 14 CFR 129.26).

Film Safety

Guaranteed for high speed films up to ISO 1600

Design Policy

EuroLogix Group reserves the right to change specifications in the course of continuous improvement. Specifications are provided for reference only and actual equipment may differ slightly from the description given. Typical dimensions are within ± 5% of nominal values.

Van

Petrol Engine (4 cylinders)
Air Condition Unit with 12.000btu

Generator System

Specially designed Petrol Generator for use in moving Vehicles with output voltage 240 v 22 Amp.



Technical Specifications

Generator System For Velocity Bulk Autovan

- Honda Generator EX4000: Petrol Generator

Honda EX4000 Petrol Generator

Widely used for more demanding applications the EX Petrol Generator range features robust generators for applications that require constant reliable power. Used , this range features acoustic panelling to provide silent operation. Used specially for operations within moving vehicles or when operations are required within transportation.

With precision output achieved through a voltage regulator users can be confident when running sensitive computer or electrical equipment that no damage will occur through power surges. All EX generators feature remote control to allow distant operation and wheels and lifting hooks for movement.

The EX4000 Honda Petrol generator runs on unleaded fuel at 3500 watts output for 8.3hours before requiring a re-fill of the 19-litre fuel tank.

Specification:

- Model:	Honda EX4000
- Kva	4
- Rated Watts	3500
- Voltage	230 / 115
- No Of Sockets	(2 x 115V) (2x 230V)
- Engine HP	11 HP
- Fuel Type	Petrol Unleaded
- Fuel Tank Capacity	16.5 Ltrs
- Running Time	8.3 hours @ 1/4 load
- Start Method	Electric Start
- Noise Output	59dB(a) at 7m @ 1/4 load
- Weight	122 Kg
- Dimensions (mm) LxWxH	910 x 430x 695

Features Inc:

- 4000 watts max output
- 59dB(a) at 7m
- 122kg
- 8.3 hours
- Automatic voltage regulator
- Electric start
- Remote control
- Oil alert and fuel gauge
- Hook attachment

