Rapiscan® *systems*

An OSI Systems Company

MOBILE HIGH PERFORMANCE SECURITY SCREENING SYSTEM

Large pneumatic wheels for easy transport

Lockable, pullout operator control panel and monitor console

Tie-down anchor points

Easy to access cable reel

INOPERATIVE MODE

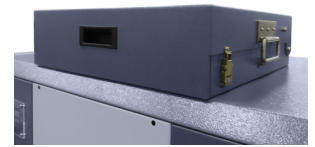TUNNEL OPENING (W X H): 620 X 420 MM (24.4 X 16.5 IN)

STANDARD FEATURES
- Multi Energy Imaging (4 Color)
- View Previous/Next Bag
- Image Archive
- Configurable Image Processing Keys
- Baggage Counter
- Date / Time Display
- Search Indicator
- UPS (Uninterrupted Power Supply)
- Flat Panel Monitor
- Multi Language Support

STANDARD IMAGE PROCESSING FUNCTIONS
- Crystal Clear™
- SINERGY™
- Black and White
- Organic / Inorganic Stripping
- Inverse Video
- High Penetration
- Low Penetration
- Pseudo Color
- Variable Edge Enhancement
- Variable Color Stripping
- Variable Gamma
- Variable Density
- Dynamic Continuous Zoom & Panning
- Fixed Zoom (64x)

THE RAPISCAN® **MOBILE 620XR hp** IS A PORTABLE X-RAY SCREENING SYSTEM WITH A 620MM WIDE BY 420MM HIGH TUNNEL OPENING, FEATURING LARGE SHOCK ABSORBING PNEUMATIC WHEELS FOR EASY TRANSPORTABILITY.

Based on an established legacy of innovation, quality and reliability, the **Mobile 620XR hp** provides an array of technologies designed to assist the operator in threat detection as well as improve throughput and operations for checkpoint security screening applications. **The Mobile 620XR hp** is designed for rapid relocation and can be wheeled through narrow doorways, making it an excellent system for cruise lines, schools, prisons, and event-based security environments.

The Rapiscan® **Mobile 620XR hp** complies with all European Commission Aviation Security Screening requirements and French Civil Aviation Authority (STAC).

DETECTION OF EXPLOSIVES AND NARCOTICS ALERT

Target™ and NARCScan™ are designed to assist operators in the detection of a range of explosives and narcotics respectively in real time during the scanning process by marking a potential threat on the X-ray image. Rapiscan® Systems detection algorithms are based on regulatory material analysis techniques.

GOVERNMENT REGULATORY COMPLIANCE

Rapiscan® **Mobile 620XR hp** is in full compliance with the mandatory regulations (EC) No. 300/2008, (EU) No. 185/2010 and Commissions Decision C(2010)774 for aviation security in the European Union.

SINERGY™

Rapiscan® Systems latest proprietary image enhancement tool, utilizes the new innovative Dual-Mode X-ray imaging Technique (DMxT) to emphasize the detail in specific regions of images by enhancing the visibility of thin metal therefore increasing operator recognition of potential threats in cluttered images.

EFFICIENT DESIGN FOR EASE OF USE, HIGHEST THROUGHPUT AND SECURE

Rapiscan® **Mobile 620XR hp** is supported by a rigid-steel structure, and is equipped with painted handles at its sides and large pneumatic caster wheels at its base for ease of maneuverability.
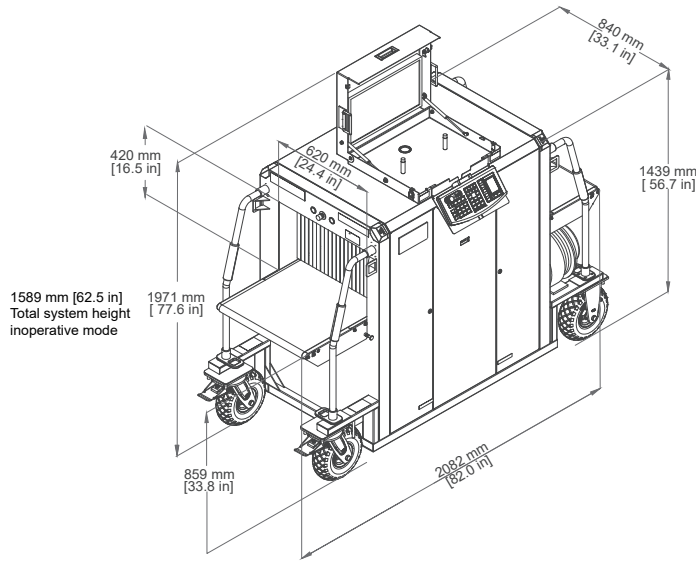
The wheels enable operators to move the **Mobile 620XR hp** easily, and offer a locking function to achieve stability and security during use.

A lockable, easy slide out control panel tray and monitor is securely located on top of the system.

STAC CERTIFIED

EC 300/2008 COMPLIANT

EU 185/2010 COMPLIANT

EU C(2010)774 COMPLIANT

MOBILE
620XR hp

840 mm [33.1 in]
420 mm [16.5 in]
620 mm [24.4 in]
1439 mm [56.7 in]
1589 mm [62.5 in] Total system height inoperative mode
1971 mm [77.6 in]
859 mm [33.8 in]
2082 mm [82.0 in]

PHYSICAL SPECIFICATIONS

Dimensions:	Length: 2,082 mm (82.0 in.)
	Width: 840 mm (33.1 in.)
	Height: 1,971 mm (77.6 in.) open. 1,589 mm (62.5 in.) closed
Tunnel Size:	620 mm (W) x 420 mm (H) (24.4 x 16.5 in.)
Conveyor Speed:	0.20 m/sec (39.4 ft./min)
Conveyor Load (Max):	165 Kg (364 lbs)
Conveyor Height (Approx.):	859 mm (33.8 in.)
System Power:	100/110/120/200/208/220/230/240VAC ±10%

X-RAY GENERATOR AND IMAGE PERFORMANCE[1]

Steel Penetration:	44 mm typical, 42 mm standard
Wire Resolution:	44 AWG typical, 42 AWG standard
Spatial Resolution:	0.8mm vertical/ 0.8mm horizontal
Cooling:	Sealed oil bath with forced air
Anode Voltage:	160kV
Orientation:	Diagonally Upward

OPERATING ENVIRONMENT

Storage Temperature:	-20°C to 50°C
Operating Temperature:	0°C to 40°C
Relative Humidity:	5 to 95% non-condensing

PROTECTION CLASS

System:	IP20
Operator Control Panel:	IP43 [2]

GOVERNMENT REGULATORY

- Regulation (EC) No. 300/2008 Compliant
- Regulation (EU) No. 185/2010 Compliant
- EU Commissions Decision C(2010)774 Compliant
- France Civil Aviation Authority (STAC) certified

HEALTH & SAFETY

Rapiscan Systems' cabinet X-ray products comply with all applicable U.S. FDA and equivalent international regulatory agency requirements, contained in the cabinet X-ray radiation safety performance standard [21 CFR 1020.40] and the general performance standard [21 CFR Part 1010] as well as IEC standard 61010-2-091.
Rapiscan baggage and parcel inspection systems radiation emission leakages are well below the required regulatory limits with less than 1µSv/hr at 10 cm from all surfaces of cabinet X-ray.

SOFTWARE

- OS600
- 64-bit Operating System

OPTIONS AND ACCESSORIES

- Explosives Detection Alert (Target™)
- Narcotics Detection Alert (NARCScan™)
- Density Threshold Alert (DTA)
- Threat Image Projection (TIP)
- Automatic Image Archiving
- Enhanced Image Archiving
- Operator Training Program (OTP)
- Manual Scan
- Power Conditioner
- Extended UPS

[1] Stated performance as measured by Rapiscan® Imaging Validation Test Kit.
[2] With optional replaceable cover.

With continual development of our products Rapiscan® Systems reserves the right to amend specifications without notice. Product pictures are for general reference. Please note that due to US laws and regulations, not all Rapiscan® products are available for sale in all countries without restriction. Please contact your Rapiscan® Systems sales representative for more information.

Rapiscan Systems is AS9100C:2009 and ISO 14001:2004 + Cor. 1:2009 Certified

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