

NARCOTICS
AND LIQUIDS



WEAPONS



ELECTRONICS AND
MICRO CELL PHONES



MONEY
AND PAPERS



BV M.A.X.

MATTRESS SCANNER



BV M.A.X. is a compact mobile conveyor type X-ray screening system for fast, effective and contact-free inspection of mattresses and inmates' personal property.

Due to the compact design and special wheels the BV M.A.X. can be easily relocated and deployed wherever security inspection is needed. BV M.A.X. will fit through standard interior doorways.

It is created to eliminate the need to fold mattresses to fit into conventional X-ray inspection systems and can be brought directly to cell blocks or dormitories to greatly assist the inspection process.

BV M.A.X. has also a standard baggage scanner functionality able to inspect mail and personal property.



SPECIFICATIONS

Tunnel dimensions (WxH)	34.3" x 9.5"
Conveyor speed	0.49 ± 0.06 mph
Conveyer load	55 lbs
Generator	100 kV (max. voltage - 160 kV)
Steel penetration	guaranteed: 0.55" typical: 0.63"
Wire detectability	at least 40 AWG
Dual-energy detector	Yes
Number of colors within the X-ray image	4
Dimensions (LxWxH)	35.2" x 50.0" x 59.1"
Weight	794 lbs

LIST OF SOFTWARE FEATURES AVAILABLE TO AN OPERATOR

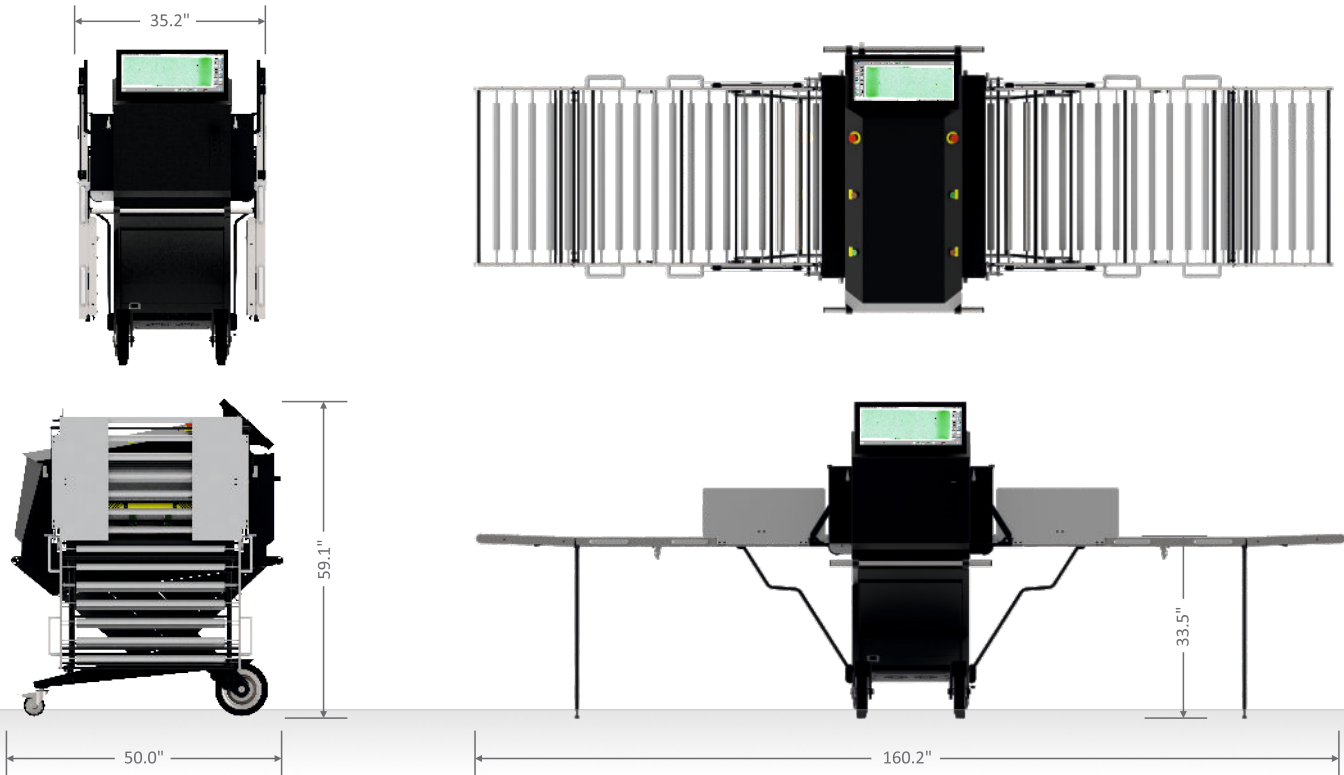
- Automatic detection of the most of common contraband
- Capable to process mattresses of most suppliers
- Simplified and automated inspection process
- Contraband detection assistance software
- Simple and user-friendly touch screen interface
- Fits through standard doorways
- Image review and advanced software features

INSTALLATION REQUIREMENTS

Power Supply	110/230 VAC ± 10%, 50/60 Hz	Operating temperature	from 32 to 104 °F
Power Consumption	Max 0,6 kVA	Humidity	up to 90%

Transporting view

Operational view (expanded)



0448-SAI2062019

Compliant with standards for cabinet X-ray systems (USFDA, Center for Devices and Radiation Health, 21-CFR 1020.40)
 Typical radiation leakage is less than 0.1 mR/hr (1 µSv/hr)
 (Leakage less than 0.5 mR/hr permitted by the Federal Standard)
 Guaranteed even for high speed films up to ISO 1600 (33 DIN)

With continual development of our products ADANI reserves the right to make changes to the design and specifications at any moment and without notice.

