

# NUCTECH™ WooKong H

## X-ray CT Inspection System



NUCTECH™ WooKong H X-ray CT Inspection System is the latest generation of X-ray CT inspection system developed and produced independently by Nuctech Company Limited. By utilizing state-of-art stationary computed tomography (CT) technology, WooKong H breaks through the limitation of tunnel size and screening speed. Contraband hidden in the inspected items can be automatically detected. WooKong H provides a three-dimensional (3D) image and multi-slice images of the inspected item for clearly showing its contents. Equipped with a popular tunnel opening of 1 meter wide by 1 meter high, as well as capable of being fully integrated with baggage handling system (BHS) and network integration system, WooKong H is an ideal solution for security inspection in various security-sensitive areas including but not limited to airports, Customs and stations, whereby significantly improving the security level.



## Technical Features

- Stationary CT Imaging Technology**  
 Based on stationary CT imaging technology, WooKong H improves the performance fundamentally by improving the image quality, speeding up the scanning and reducing maintenance costs.
- Auto-Detection**  
 On the basis of dual-energy CT discrimination technology, WooKong H provides high performance of auto-detection of contraband such as explosives and narcotics.
- High-Resolution Images**  
 The item inspected by WooKong H is displayed in high-resolution color images of a 3D image, dual-view 2D images and CT slice images.
- Large Tunnel**  
 WooKong H builds a super-large square tunnel with 1 meter wide by 1 meter high which is capable of screening both in-gauge and out-of-gauge baggage.
- High Throughput**  
 The rated conveyor speed of WooKong H is 0.5 m/s providing high throughput.
- Cost-Effective and Long Life-Cycle**  
 WooKong H provides a long life-cycle in an economic way with ease of maintenance.

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### Technical Data

Dimensions 4765 mm (L) x 2050 mm (W) x 2100 mm (H)

Weight 5800 kg

Tunnel Dimensions 1050 mm (W) × 1010 mm (H)

Conveyor Height 848 mm

Conveyor Speed 0.5 m/s

Conveyor Load 200 kg (evenly distributed)



**SIOSPD/TP-AZ352102-EN**

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NUCTECH AWARDED THE CERTIFICATE OF QUALITY MANAGEMENT SYSTEM (GB/T 19001-2016 / ISO 9001:2015)  
NUCTECH AWARDED THE CERTIFICATE OF ENVIRONMENTAL MANAGEMENT SYSTEM (GB/T 24001-2016 / ISO 14001:2015)  
NUCTECH AWARDED THE CERTIFICATE OF OCCUPATIONAL HEALTH AND SAFETY MANAGEMENT SYSTEM (GB/T 45001-2020 / ISO 45001:2018)



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