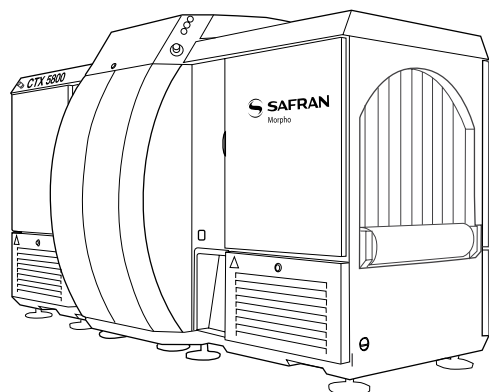


TECHNICAL SPECIFICATIONS

CTX 5800™



General¹

System Dimensions (w x h x l)	1570 mm x 1550 mm x 2610 mm (59.0 in. x 57.8 in. x 102.8 in.)
Tunnel Structure	Cylindrical
Tunnel Opening (max. width at conveyor edge)	750 mm (29.5 in.)
Tunnel Opening (max. height at max. width)	408 mm (16 in.)
Tunnel Opening (max. height at conveyor ctr.)	600 mm (23.6 in.)
Tunnel Opening (max. width at max. height)	305 mm (12 in.)
Conveyor Height from Floor	616 mm (24 in.)
Weight (uncrated)	2041 kg (4,500 lbs.)
Weight (crated)	2449 kg (5,400 lbs.)
Input Power Service	200 - 240VAC, 50Hz/60Hz, 20Amps, Single Phase
Maximum Power Rating	2.5 kVA
Voltage/Frequency Tolerance	±10%/±5%
Supplied Power Cable	7.62 m (25 ft.), flexible cord with plug
Max. Heat Dissipation	2.0 kW
Warranty	Up to 2 years
Shipping	Ships as one unit

Image Display and Management²

Workstation Monitors (2)	432 mm (17.0 in.)
Image Presentation	3D Volumetric Rendering
CT Monitor Resolution	512 x 512 pixels
User Interface ³	Soft keys, mouse, keyboard and key-switch

BENEFITS:

- Full volumetric spiral scanning and 3D imaging
- TSA-Certified
- Meets ECAC Performance Standard 3 for EDS
- Multiplexing
- Standalone or BHS integrated

Image Display and Management² (continuation)

Image Storage ⁴	48 hours
Network Ready	Multiplexing (MUXv2™)
Input Power	230/110 VAC: 50/60 Hz; 10/20 Amps

Environment^{2, 5} (operating)

Optimal Temperature	0° to 35°C (32 to 95°F)
Temperature (with air conditioning)	0° to 45°C (32 to 113°F)
Relative Humidity	10 to 95% noncondensing

Environment (storage/shipping)

Shipping Crates	Not waterproof
Storage	Dry/weather-proof building
Temperature	-7 to 49°C (20 to 120°F)
Relative Humidity	10 to 95% noncondensing

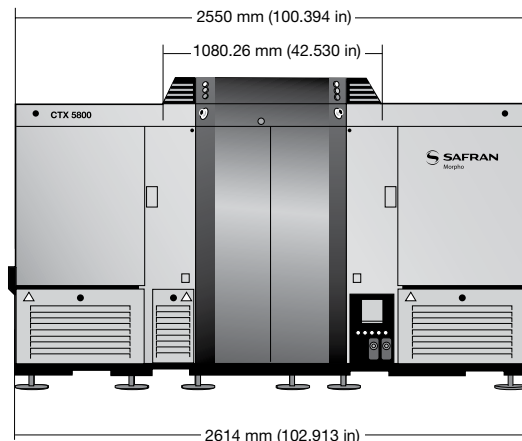
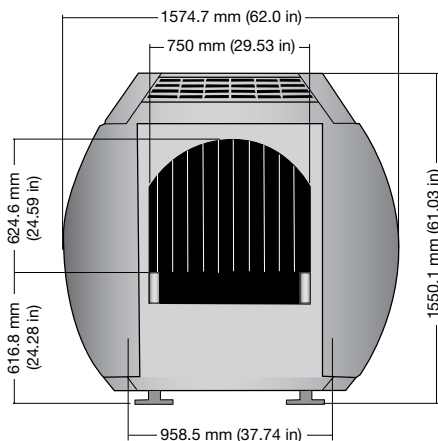
Luggage¹ (max. cross-sectional dimensions)

At Maximum Width (w x h)	750 mm x 387 mm x 1200 mm (29.5 in. x 15.2 in. x 47.2 in.)
At Maximum Height (w x h)	242 mm x 600 mm x 1200 mm (9.5 in. x 23.6 in. x 47.2 in.)
Length	1.2 – 3.0 m (47.2 / 118 in)
Maximum Weight	160 kg (353.0 lbs.)

Baggage Handling System Interface

Communication Interface	ControlNet/100 Base T Ethernet direct to BHS PLC
Emergency Stop	24VDC

> Dimensional Drawings (dimensions in millimeters [inches]).



> SAFETY

- Radiation Safety conforms to US code of Federal Regulations Title 21, Section 1020.40 (21CFR1020.40)
- CE Mark (conforms to CE directives and standards)
- Emergency stops
- X-ray shielded cabinet with safety interlocks
- Conveyor Access Panels with safety interlocks
- Uninterruptible power supply (UPS) for safe shutdown of the entire scanner in the event of a power failure or surge

> OPTIONAL FEATURES

- System riser
- Image archiving
- Long bag extensions
- Multiplexing capability
- Flat/inclined powered entrance ramps
- Secured CTX™ operator workstation
- Flat/declined powered exit ramps
- Extended hours support
- Exit slide
- CTX PLC

- 1 Values are nominal and dependent on BHS conveyor width.
- 2 Some items are optional. Refer to your Morpho Detection representative for more detailed information regarding the CTX 5800 Site Design and Planning Guide.
- 3 Refer to your Morpho Detection representative for more detailed information regarding Operator User Interface functions.
- 4 Optional Morpho Detection storage product.
- 5 Temperatures are dry bulb and humidity is noncondensing.