

/ Mini X-ray Scanner

Space Saving Product Inspection

SC 2000

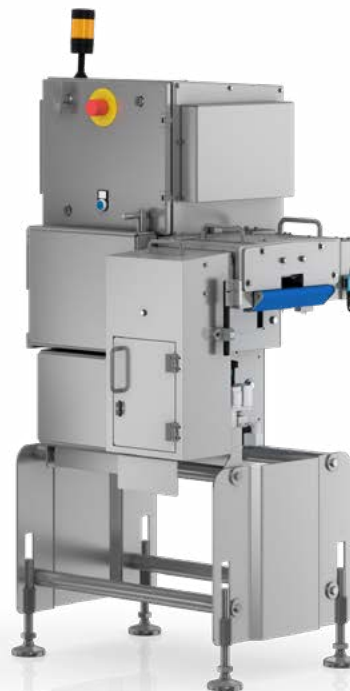
The SC 2000 „Mini“ complements the already globally successful (due to its modular philosophy) SC product family. The outstanding feature of the SC 2000 is its extremely compact design. On a total system length of 700 mm, the products are inspected and safely discharged from the product stream. All image processing tools known from the SC family are used. It reliably achieves outstanding inspection results at high product throughputs of up to 400 pieces/min – with the lowest false reject rates. Thanks to the external control cabinet, the SC 2000 „Mini“ can be integrated into existing production lines easily and flexibly.

Features

- Highest modularity in design
- Comprehensive inspection possibilities in a notably space-saving compact design
- Integrated conveyor technology with discharge units
- Switch cabinet can be set up separately from the measuring head



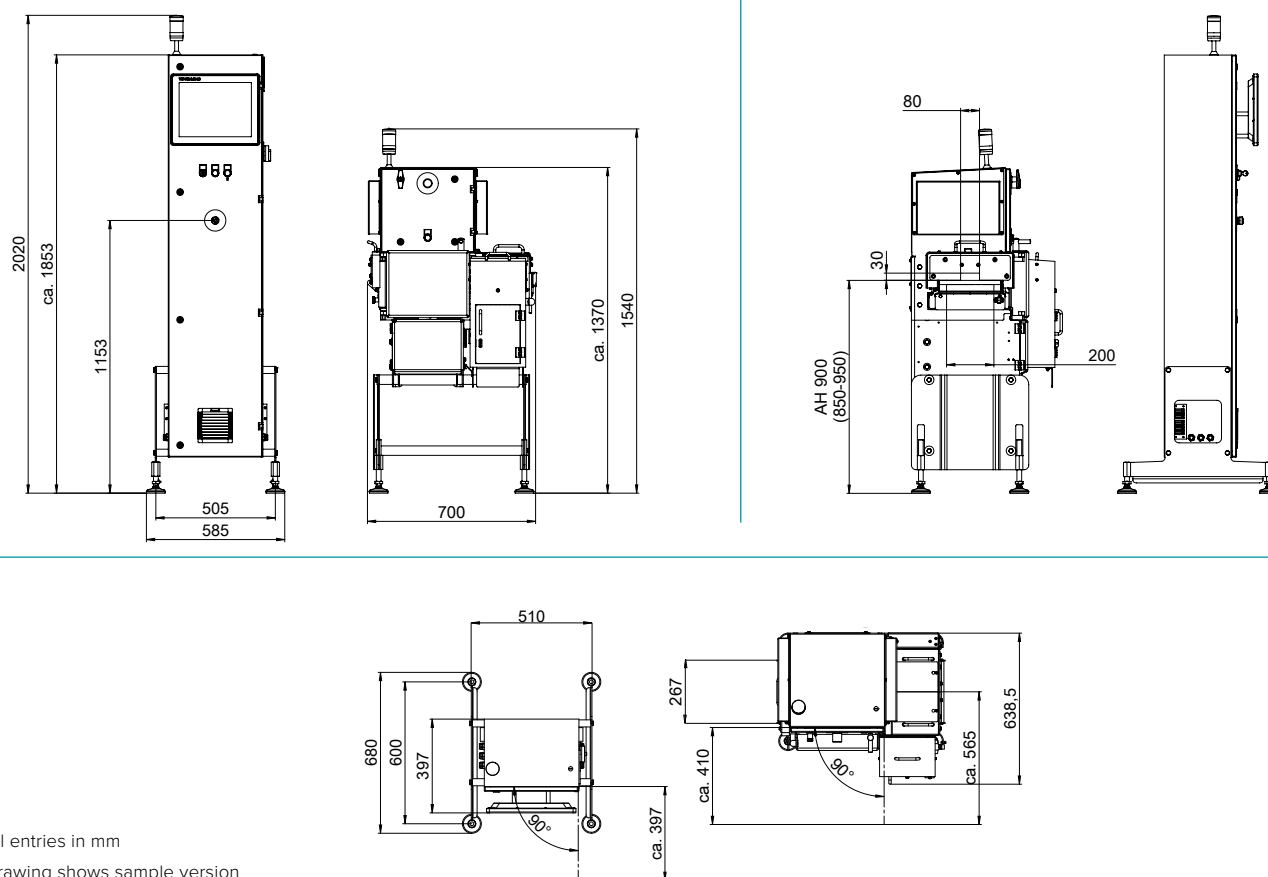
X-ray scanner
SC 2000



Technical Data

Machine type	SC 2000
X-ray type	Metal-ceramic tube with integrated water cooling system or X-ray unit
X-ray output	up to 600 W, depending on type (infinitely variable)
X-ray sensor	Diode array technology from 0.4 mm resolution, vision cameras or DFXr
Scanning width	200 mm
Scanning speed	up to 120 m/min
Product storage	100 products, expandable
Display	15" color TFT with touchscreen (19" optional)
Working heights	750–850 / 800–900 / 850–950 mm ¹⁾
Conveyor lengths	500–2,100 mm at 100 mm intervals (other intervals on request)
Hygiene design	Complete stainless steel model (1.4301), easy to clean product area, built-in drive technology
Ambient conditions	+5 °C to +40 °C, depending on X-ray type, relative humidity 20% – 80%
Protection class	IP65
Connection power	230 VAC; 50 Hz; 2.5 kVA Connection with separate, 16 A fuse power line

¹⁾ Other working heights by request



All entries in mm

Drawing shows sample version

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