CHECKWEIGHER AND X-RAY INSPECTION AS A SPACE SAVING INTEGRATED SYSTEM

SC-W 3000 4000

The **SC-W** series is a pioneering combination of innovative X-ray technology and the proven checkweigher technology from WIPOTEC-OCS. The products in the accepted goods stream are checked not only for impurities, but also undergo a high-precision weight control check. Units with an incorrect weight are ejected into a separate container.

Both the single and the dual-track model are very successful – either with or without the curtain for radiation protection. The variant without protective curtain provides high throughput rates of up to 300 pieces per minute per track, which is even possible for very lightweight product units.

The tool-free exchange of all conveyor belts and the easy to handle housing make it really simple to clean the system. The product chamber is separated from all of the drive system components.

All of the X-ray scanners from WIPOTEC-OCS have the same familiar and convenient user interface found in the checkweigher line. The system is controlled from a 15" colour TFT display with touchscreen panel that always shows the current X-ray image and product weight.

Designed for protection class IP65 with full stainless steel construction, the system features a balcony design and sloped surfaces that, together with C-shaped product area, enable thorough cleaning, quickly and easily. All scanners meet the most stringent standards of hygiene.

MAIN **FEATURES**

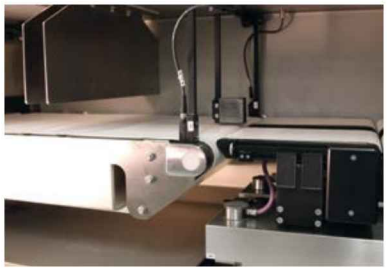
- **X-ray scanner and checkweigher in one unit**
- **Flexible component design**
- **Available as single or dual-track system**

YOUR **BENEFITS**

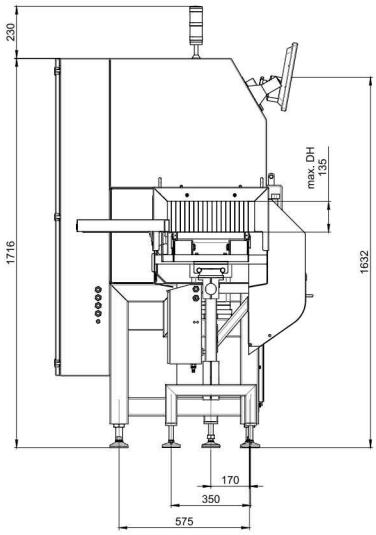
- **X-ray scanner and checkweigher for maximum product safety**
- **Easy to operate central user interface**

TECHNICAL DATA

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	Long-life camera technology, with 160 µm resolution		
Scanning width	from 300 to 600 mm[1)]		
Scanning speeds	up to 120 m/min with up to 300 products per track		
Product storage	100 products, expandable		
Display	15" colour TFT with touchscreen (19" optional)		
Working height	750–850/800–900/850–950 mm[2)]		
Hygienic design	Complete stainless steel model (1.4301), easy to clean product area; built-in drive technology		
Ambient conditions	+5 °C to +40 °C, relative humidity 30% – 85%		
Protection class	IP65		
Power supply	230 VAC; 50 Hz; 2.5 kVA Connection with separate, 16 A fuse power line		
Weighing technology	Gross weight range	Max. preload	Min. calibration value
Single track	750–7,500 g	4,000–15,000 g	0.1 g
Dual track	750–7,500 g	4,000–15,000 g	0.1 g
Max. output[3)]	300 ppm per track		
EU-type examination certificate	DE-18-MI006-PTB001		
Standard deviation (1s)[3)]	> 50 mg		

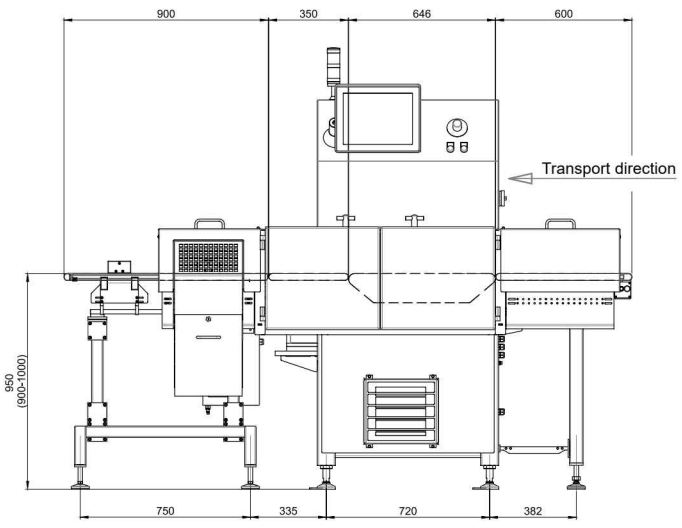


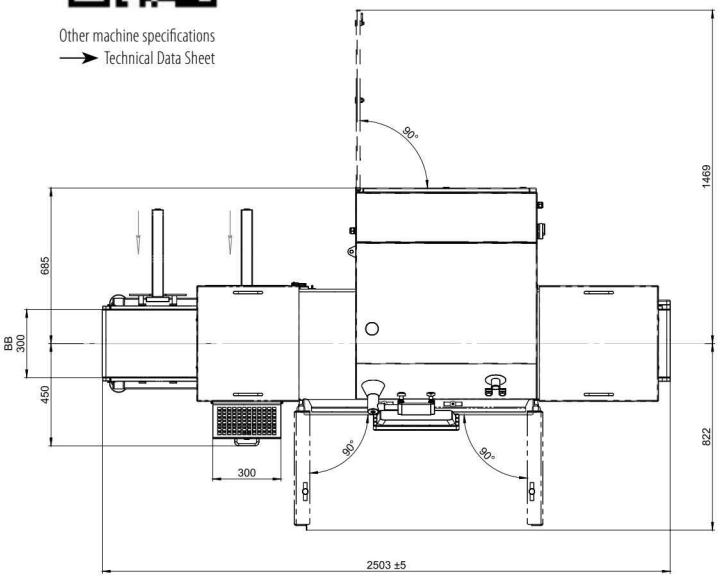
Comprehensive product inspection: X-ray and weighing in combination



1) Wider models available by request
2) Other working heights by request
3) Dependent on product form, product behaviour, transport speed, and local conditions

Other machine specifications
→ Technical Data Sheet





All entries in mm | Drawing shows sample version