

Compact and reliable inspection of standing products

SC s

If you have to check standing products for impurities by means of X-rays and ensure the correct fill levels, then the models of the **SC-S** series are the perfect choice.

These models follow a component design that enables an easy, space-saving integration with any existing production line. The sideview scanner reliably checks cans, bottles, composite packaging, paper, or plastic containers. Either a belt or a chain conveyor can pass through the scanner's housing.

All of the X-ray scanners from Wipotec 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. 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

- ✓ Flexible component design
- ✓ Checks standing products like cans, bottles, PVC containers
- ✓ Compact design
- ✓ Integrated conveyor systems

Your Benefits

- ✓ The broadest inspection for maximum productivity
- ✓ Compact design for easy integration

X-ray Source

	SC-S-4000	SC-S 5020
X-ray type	Metal-ceramic tube with integrated water cooling system	2x X-ray unit
Output	max. 600 W	2x max. 500 W
HV-Voltage (infinitely variable)	max. 75 kV	je max. 120 kV
HV-Current (infinitely variable)	max. 8 mA (bei 75 kV) max. 10 mA (bei 60 kV)	max. 7 mA each
Cooling system	Wipotec air-water cooling unit	2x Wipotec air-water cooling unit

X-ray Sensor

	SC-S-4000	SC-S 5020
Sensor technology	Diode array high-resolution Wipotec VioX camera detector technology (optional)	2x Diode array
Resolution	Diode: 0.4 mm from 0.102 mm (VioX)	0.4 mm each
Scanning speed	max. 120 m/min	

Drive

	SC-S-4000	SC-S 5020
Drive	I-Mot3 777-GW9-SW	
Gear ratio	9.6	

HMI

	SC-S-4000	SC-S 5020
Display	15" Color-TFT with touchscreen	15" Color-TFT with touchscreen (optional 19")
Available languages	Bulgarian, Croatian, Czech, Danish, Dutch, English, Estonian, Finnish, French, German, Greek, Hungarian, Irish, Italian, Latvian, Lithuanian, Maltese, Polish, Portuguese, Romanian, Slovak, Slovenian, Spanish, Swedish (other languages on request)	Danish, Dutch, English, Finnish, French, German, Hungarian, Italian, Norwegian, Polish, Portuguese, Russian, Slovak, Spanish, Swedish, Turkish (other languages on request)

Ambient Conditions

	SC-S-4000	SC-S 5020
Relative humidity	20% - 80% (non-condensing)	
Temperature range	+5 to +40°C	

Further Information

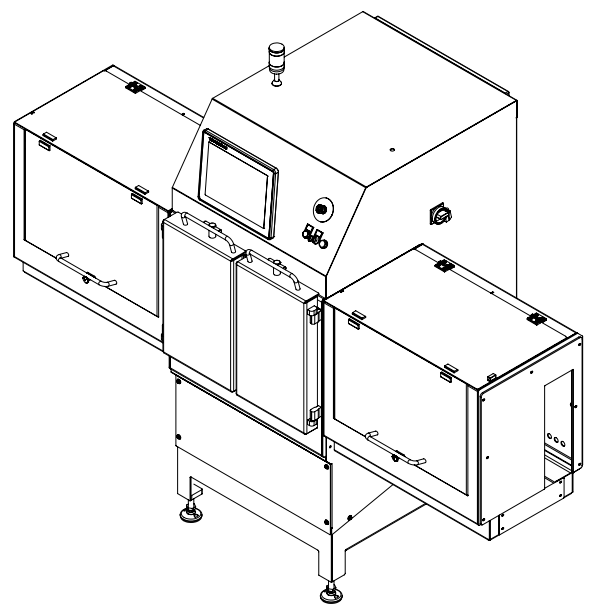
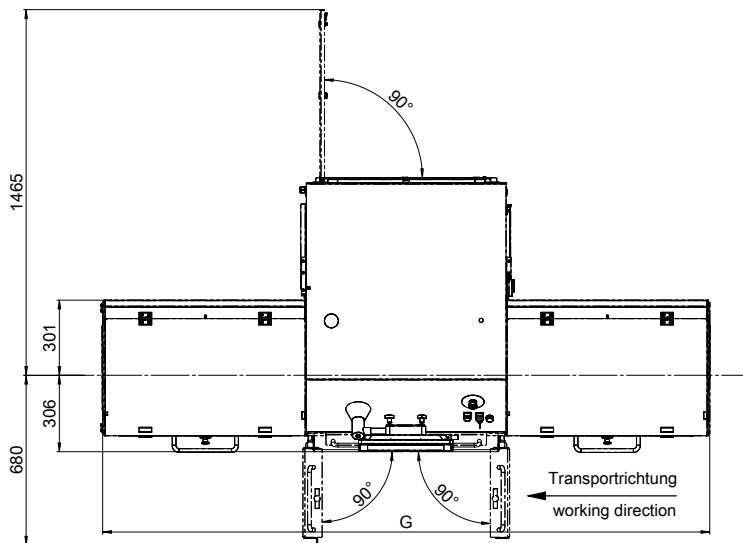
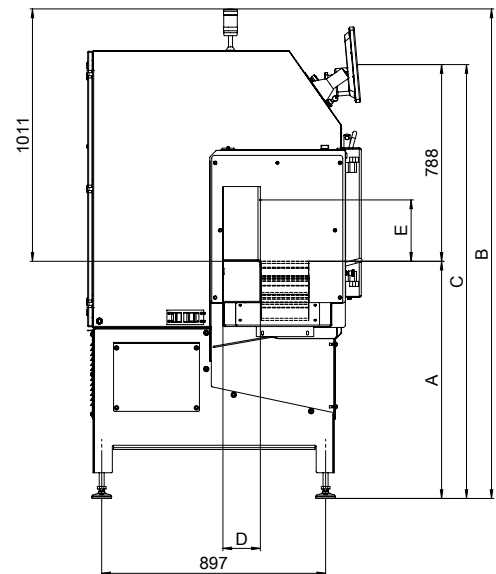
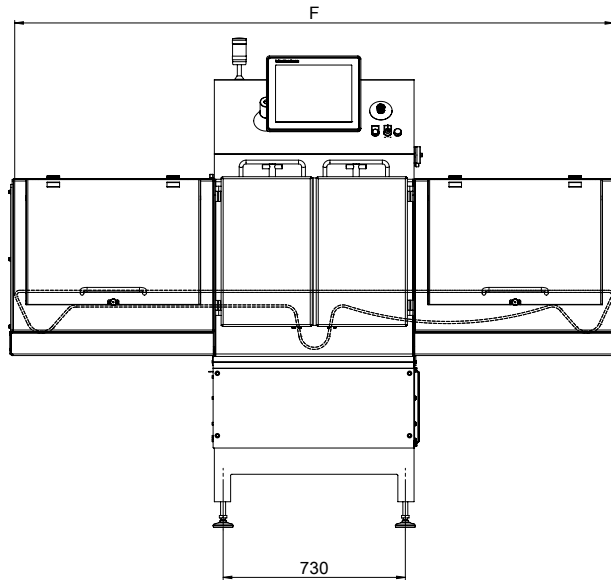
	SC-S-4000	SC-S 5020
Hygiene design	Constructed in stainless steel(1.4301) IMOT servo drive mounted directly on conveyor	
Protection class	IP65 (except air inlet air-water cooling unit)	
Power supply ¹⁾	230 VAC 50 Hz 2.6 kVA	400 VAC 50/60 Hz 3.0 kVA
SCCR	5 kA	
Weight (depending on the equipment)	approx. 500 kg	approx. 1,900 kg
Product storage	100 products, expandable	

1) Connection with separate, 10 A fuse power line

Machine Dimensions

SC-S-4000

SC s

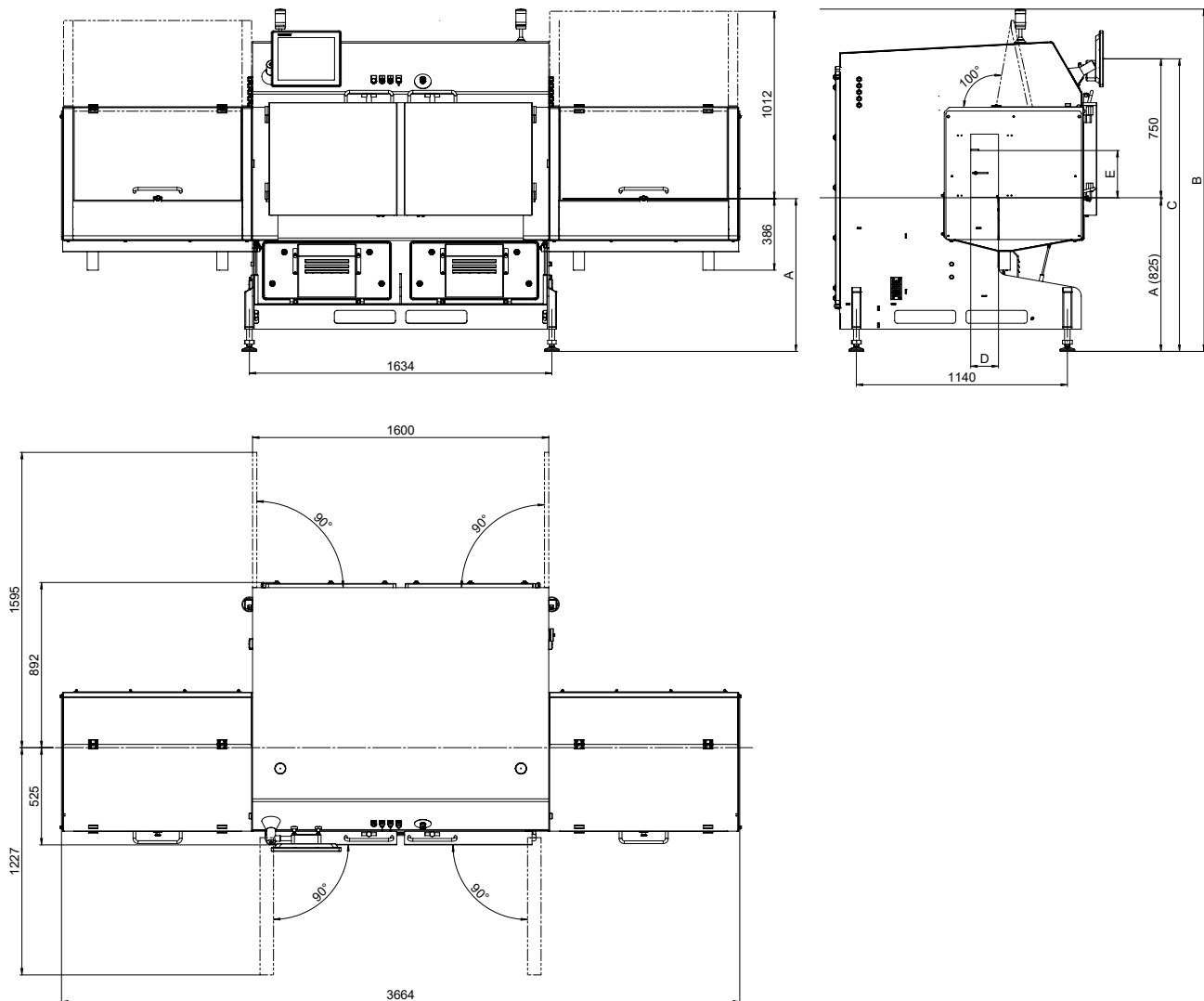
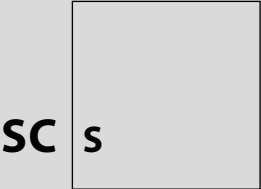


A = Transport height	750-850 / 800-900 / 850-950 mm
B = Total height	1.011 mm + A
C = HMI-Center	788 mm + A
D= Clearance with curtain	with curtain 200 mm without curtain 110 mm
E= Product height with curtain	with curtain 246 mm without curtain 303 mm
F = Transport length	2,400 mm
G = Total length with hood	2,432 mm

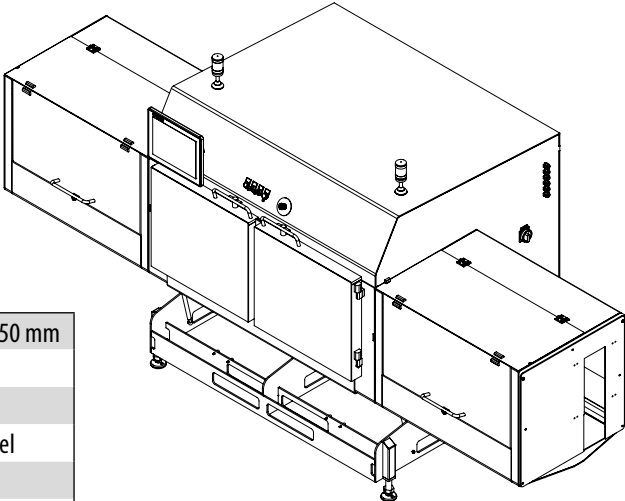
These specifications are reference values of the standard machine excluding application- or weighing-specific add-on parts.
All entries in mm | Drawing shows design example

Machine Dimensions

SC-S 5020



A = Transport height	750-900 / 800-950 / 900-1,050 mm	
B = Total height	1,019 mm + A	
C = HMI-Center	750 mm + A	
Product dimensions	ground parallel	lid parallel
D = max. Product diameter	140 mm	140 mm
E = max. Product height	270 mm	270 mm



These specifications are reference values of the standard machine excluding application- or weighing-specific add-on parts.
 All entries in mm | Drawing shows design example

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