RS Bilance®

TECHNOLOGY for Your Business

CX DYNAMIC

M 18

STAINLESS

USB

INDUSTRY 4.0

CX DYNAMIC

Checkweigher
for small capacities

Main features

- Cadences up to 170 ppm.
- Capacity: 3 kg - 1 g with motorized belts width 95, 140 and 185 mm.
- Capacity: 3 kg - 1 g / 6 kg - 2 g with motorized belts width 230 mm.
- Capacity: 6 kg - 2 g with motorized belts width 230, 275 and 320 mm.
- From 1 to 3 motorized belts, closed loop.
- Brushless motors and drive boards, speed up to 70 m/min.
- Working temperature: from 0 °C to + 40 °C.
- Power supply: 230 Vac (Hz 50/60).
- Maximum power: 1 belt 300 W, 2 belts 300 W, 3 belts 600 W.
- Resistive PC/Panel 12" display, suitable for use with gloves and in the precence of water/condensation.
- Structure and carpentry in aluminum and stainless steel.
- Belt height from the ground: 850 +/- 50 mm.
- Machine management by PLC.

Software

- Weight control program.

Selectable functions

- External availability for data sharing.
- Weighing range selection with reject output enabling.
- Viewing reports on checks performed.
- Export production report on USB port.
- Multilingual selection.
- Multi-level password.
- Network machine management software with RS server communication protocol (optional).

PLU

- PLU number: 9999.
- For each PLU:
  - 2 description fields.
  - Tare.
  - Minimum threshold.
  - Maximum threshold.
  - Duration and delay expulsion.
  - Alarm upon reaching number of expulsions.
- Automatic programming of parameters (motor speed, minimum and maximum weighing threshold, duration and delay of expulsion, label and variable application along the X axis).

Totals

- Subtotal, general, grand total.
- Totals per PLU.
- Totals per lot of traceability, lot/PLU.

I/O Section

- 1 USB 2.0.
- 1 Ethernet.
- 2 electrical signals (clean contacts).

Options

- 6000 divisions.
- Capacity: 15 kg - 5 g.
- Network machine management software with RS server communication protocol.
- 2D camera for presence and reading of the label.
- 2D camera for reading QR Code.
- Cameras for optical control.
- External PROFIBUS interface, Profibus protocol with PCB.
- Communication protocol ETHERCAT.
- Piston ejector, arm or pneumatic blow.
- Collection basket in stainless steel or plastic.
- Waste roller conveyor with collection basket.
- Overflow photocell.
- Slide diverter, 2 or 3 outputs.
- Air diverter, 1, 2 or 3 outputs.
- Led light column for out of tolerance and alarms.

Dimensions

Series 95 useful belt dimensions [mm]

CADENCE	WEIGHING	EJECTOR
-	95x400	-
95x400	95x400	-
-	95x400	95x570
95x400	95x400	95x570

Series 140 useful belt dimensions [mm]

CADENCE	WEIGHING	EJECTOR
-	140x400	-
140x400	140x400	-
-	140x400	140x570/750
140x400	140x400	140x570/750
-	140x510	-
140x510	140x510	-
-	140x510	140x570/750
140x510	140x510	140x570/750

Series 185 useful belt dimensions [mm]

CADENCE	WEIGHING	EJECTOR
-	185x400	-
185x400	185x400	-
-	185x400	185x570/750
185x400	185x400	185x570/750
-	185x510	-
185x510	185x510	-
-	185x510	185x570/750
185x510	185x510	185x570/750

Series 230 useful belt dimensions [mm]

CADENCE	WEIGHING	EJECTOR
-	230x510	-
230x510	230x510	-
-	230x510	230x570/750
230x510	230x510	230x570/750

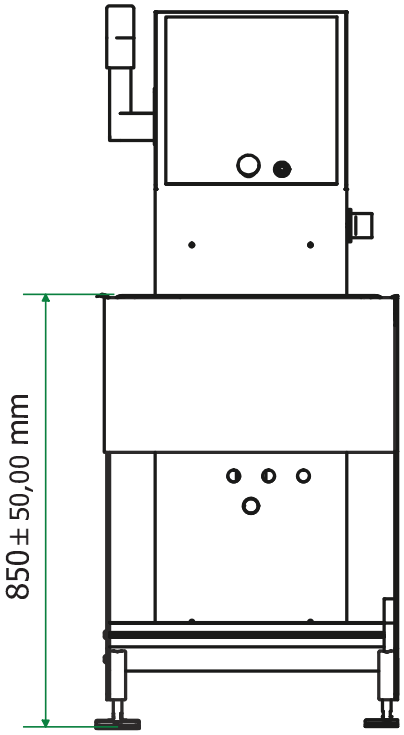
Series 275 useful belt dimensions [mm]

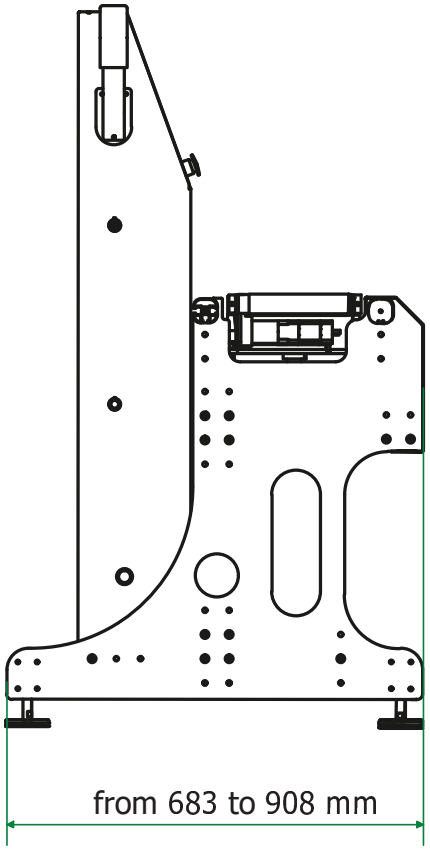
CADENCE	WEIGHING	EJECTOR
-	275x510	-
275x510	275x510	-
-	275x510	275x570/750
275x510	275x510	275x570/750

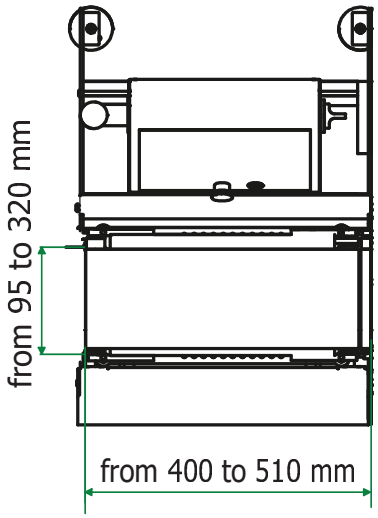
Series 320 useful belt dimensions [mm]

CADENCE	WEIGHING	EJECTOR
-	320x510	-
320x510	320x510	-
-	320x510	320x570/750
320x510	320x510	320x570/750

Layout







Technical specifications and images may be subject to improvements and modifications without notice.

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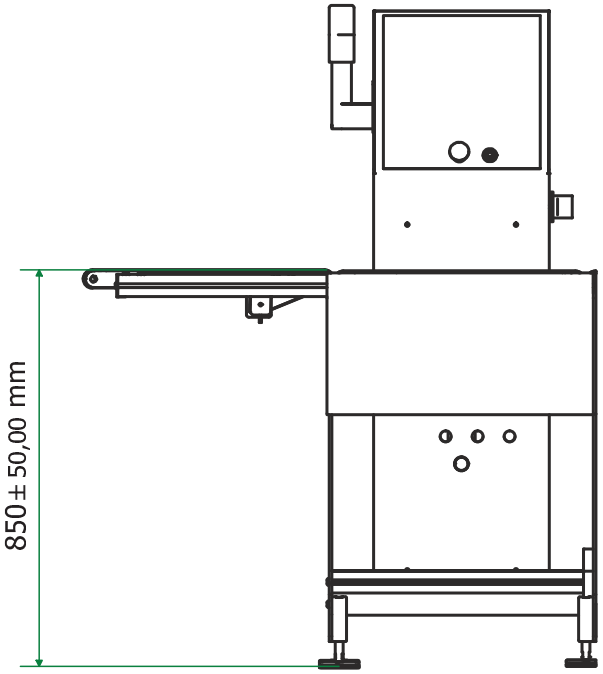

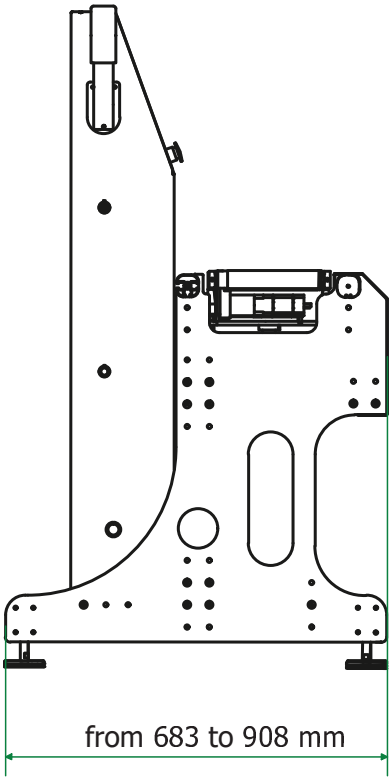

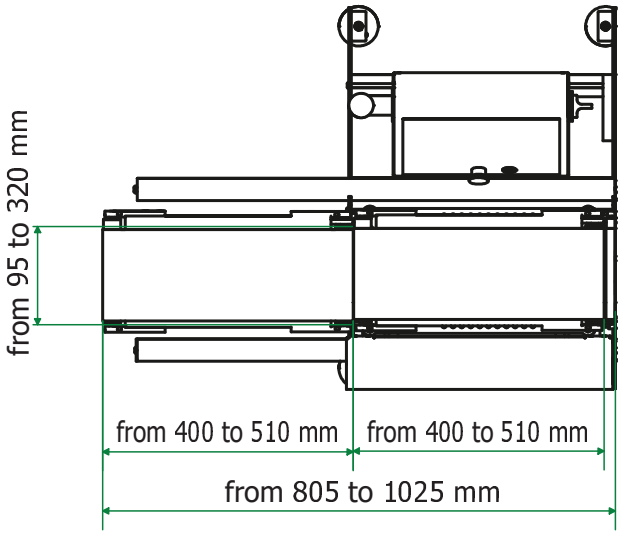

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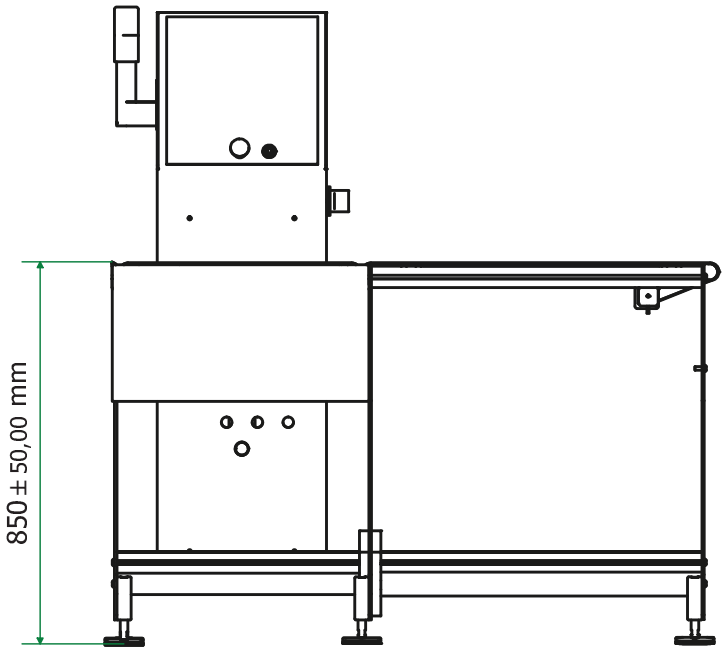

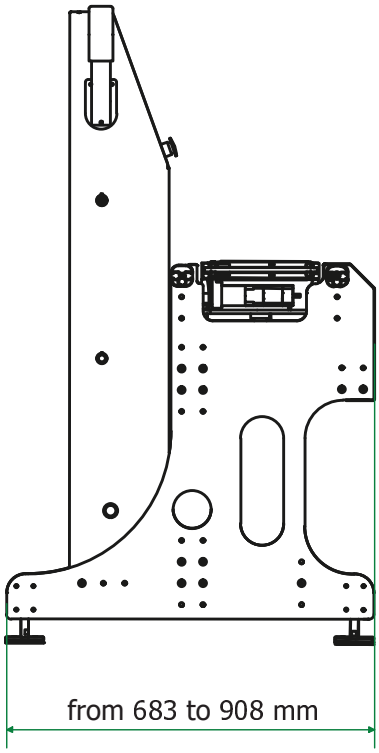

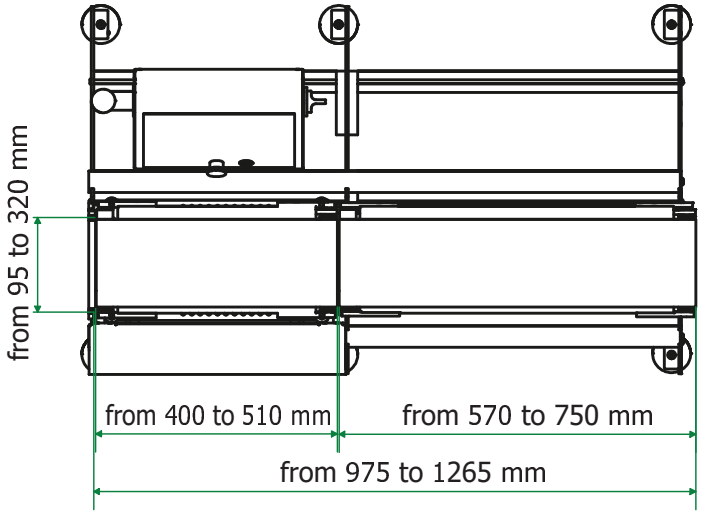

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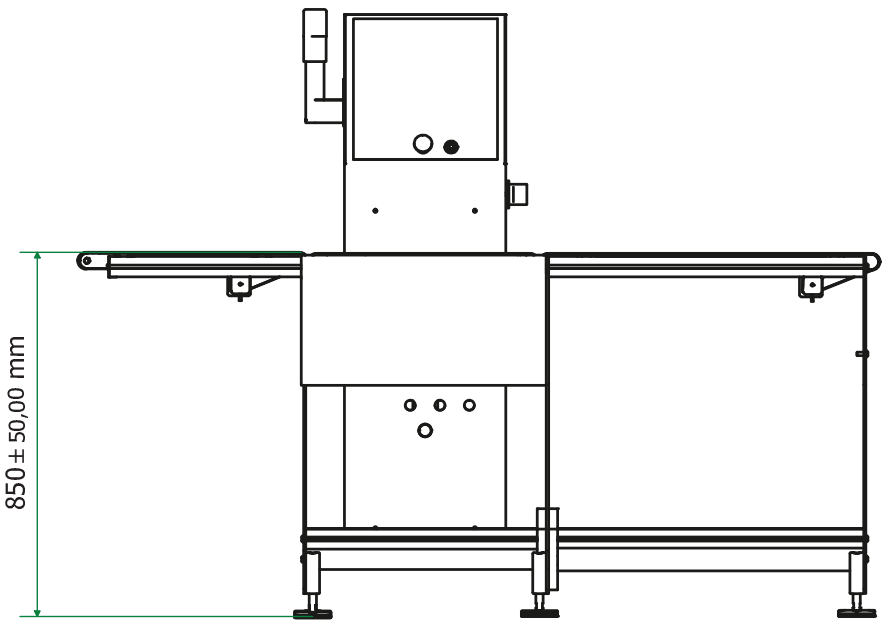

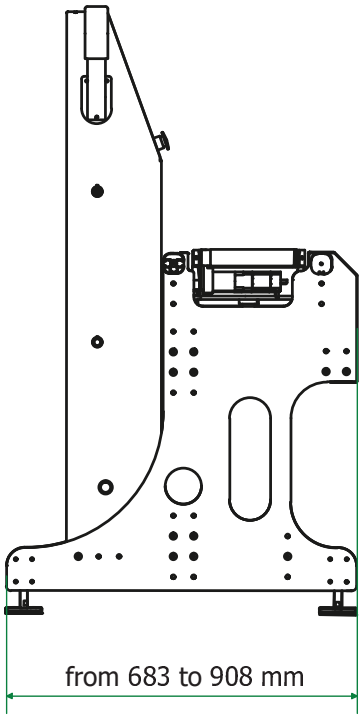

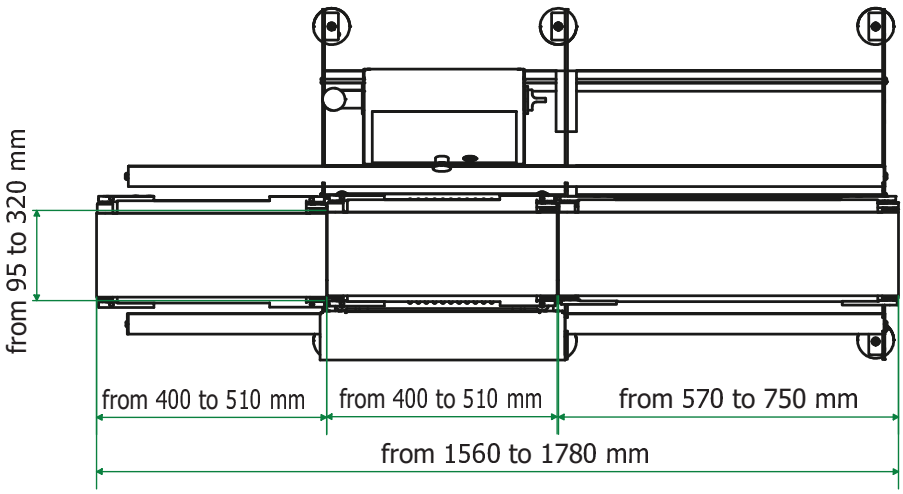

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