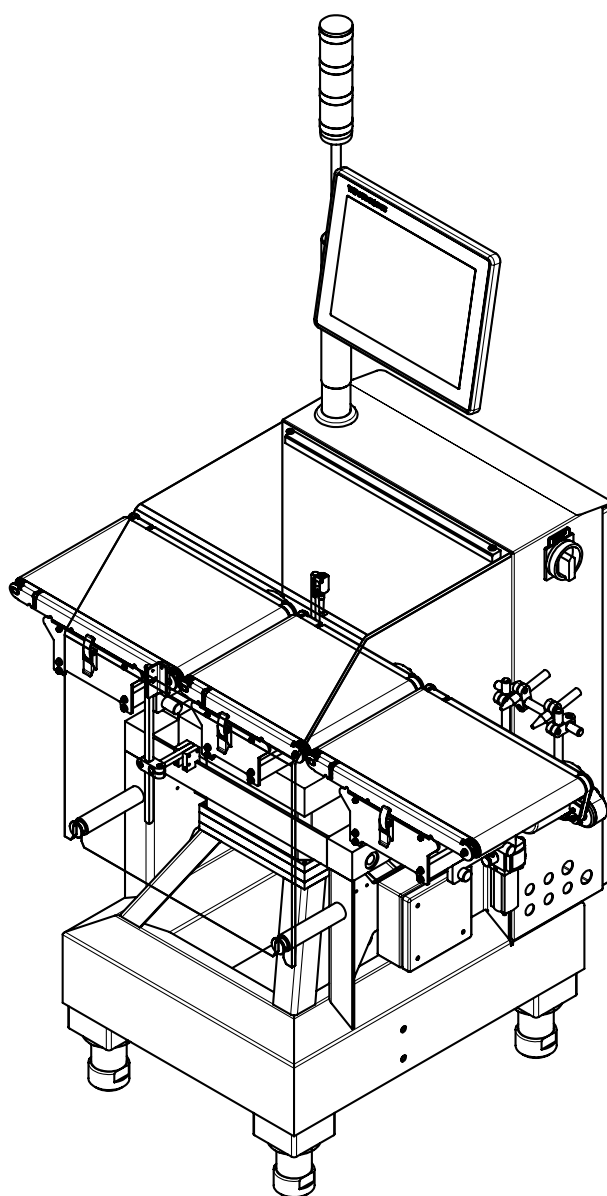


HC-A-VA

TECHNICAL DATA

CW



TOP QUALITY COMPONENTS FOR YOUR SUCCESS

HC-A VA

The **HC-A-VA** dynamic checkweighers in solid stainless steel provide the highest standards of precision and maximum throughput. This means the HC-M-VA (protection class IP65) is ideal for use in light to average humidity environments and easily integrated in existing production lines. As machine components, the weigh cells, motors, and conveyors are also constructed from stainless steel.

The HC-A-VA checkweigher weighs every single product precisely, records the individual weight and automatically ejects packs with the incorrect weight via a sorting device.

The use of high-tech Weigh Cells from WIPOTEC, which operate according to the principle of Electro-Magnetic Force Restoration (EMFR), guarantees optimal weighing results with the best technology.

The easy and intuitive software interface ensures comfortable operation on an 15-inch, clearly laid out, colour TFT display with touchscreen.



MAIN FEATURES

- ✔ Complete construction in stainless steel
- ✔ Extensive statistical functions/histograms

YOUR BENEFITS

- ✔ Efficiency improvement through simple and user-friendly controls
- ✔ WIPOTEC EMFR Weigh Cell for precise weighing results

TECHNICAL DATA

HC-A VA

BASE DATA

Material of machine	Stainless steel V2A/AISI 304
Machine weight (standard application)	280 kg
Shipping weight (standard application)	350 kg
Protection class	IP65
Temperature range	+5 °C to +40 °C
Display and operation	Rotatable and tiltable 15" colour TFT display with touchscreen
Available dialog languages	Bosnian, Chinese, Croatian, Czech, Danish, Dutch, English, Finnish, French, German, Greek, Hungarian, Italian, Japanese, Latvian, Lithuanian, Polish, Portuguese, Russian, Slovak, Slovenian, Spanish, Swedish, Turkish (other languages on request)
Interfaces ¹⁾	Optionally: Ethernet, OPC, Profibus, ProfiNet, EtherNet/IP, RS232, RS422, RS485
Max. output ²⁾	400 pcs/min
Digital I/O	8xI + 8xO (optionally extendible)
Product parameter storage	100 PPS (optionally 200 / 400 PPS)
Drive	Servo-Technology
Noise level ²⁾	A-weighted emission sound pressure level under 70dB(A)
Rated voltage	L1/N/PE; 100-240 VAC
Rated frequency	50/60 Hz
Connect load (power capacity)	Approx. 0.8 kVA
Compressed air supply (option)	6 bar approx. 16NI/min quality class (according to ISO 8573-1) [5:3:3]
Possible maximum numbers of connected motors	3 motors (optionally 3 extendible)
EU-type examination certificate	DE-18-MI006-PTB001 (MID)

WEIGHING DETAILS

	Weigh Cell (Type)	GWR (Gross weighing range)	Dead load max.	e (Min. calibration value)	d (Displayed value)	Standard deviation ²⁾ (1s)	n (Scale division)
HC-A-VA-3000-3	EC-3000-3	1,500 g	8,500 g	≥ 0.2 g	≥ 0.02 g	from 100 mg	7,500
HC-A-VA-3000-2	EC-3000-2	3,750 g	8,500 g	≥ 0.5 g	≥ 0.05 g	from 100 mg	7,500
HC-A-VA-3000-1	EC-3000-1	7,500 g	8,500 g	≥ 1.0 g	≥ 0.1 g	from 100 mg	7,500
HC-A-VA-4000-2	EC-4000-2	7,500 g	15,000 g	≥ 1.0 g	≥ 0.1 g	from 100 mg	7,500

1) Optionally, surcharge

2) Depending on product shape, product behavior, transport speed and environmental condition

TECHNICAL DATA

HC-A VA

CONVEYOR DIMENSIONS

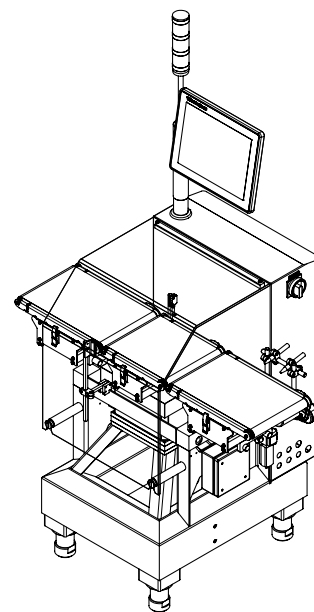
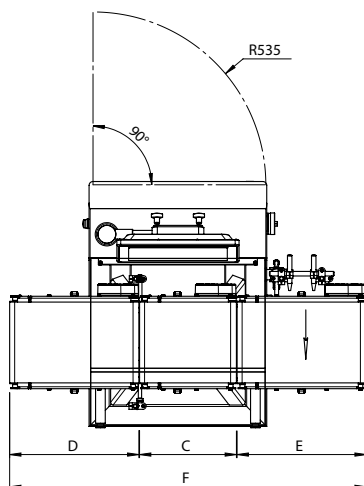
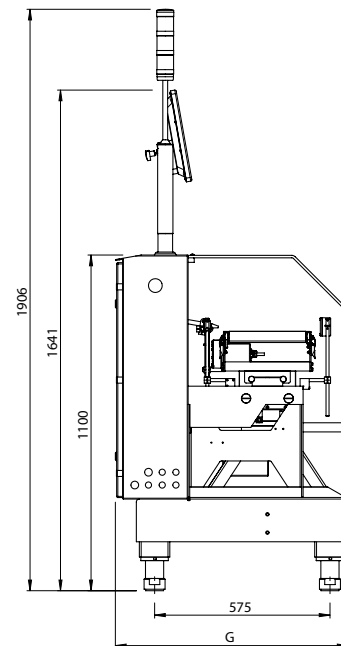
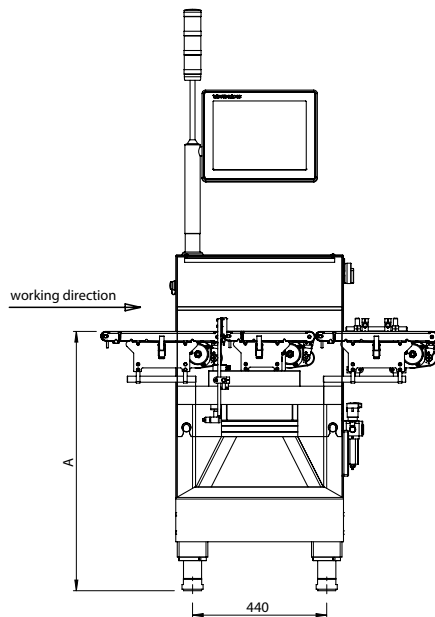
		Dimensions weighing conveyor		
length \ width		150 mm	250 mm	350 mm ¹⁾
250 mm ¹⁾		x	-	-
300 mm		x	x	-
400 mm		x	x	x
500 mm		x	x	x

		Dimensions infeed / outfeed conveyor		
length \ width		150 mm	250 mm	350 mm ¹⁾
250 mm ¹⁾		x	-	-
300 mm		x	x	-
400 mm		x	x	x
500 mm		x	x	x
600 mm		x	x	x

1) Optionally, surcharge

MACHINE DIMENSIONS

HC-A VA



A = Working height ¹⁾	700-850 / 800-950 / 900-1,050 mm
B = Conveyor width	150 / 250 / 350 ²⁾ mm
Conveyor technology (VA35E)	roller diameter 35 mm
C = Weighing conveyor length	250 ²⁾ / 300 / 400 / 500 mm
D = Infeed conveyor length	250 ²⁾ / 300 / 400 / 500 / 600 mm
E = Outfeed conveyor length	250 ²⁾ / 300 / 400 / 500 / 600 mm
F = Total length	D + C + E + 10 mm
G = Total width	780 mm depending on machine configuration

1) Working height must be specified when ordering

2) Optionally, surcharge

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

This image shows a full page of white paper with horizontal blue or grey ruling lines. The lines are evenly spaced and run across the width of the page, typical of notebook paper. There are no margins, text, or other markings on the page.