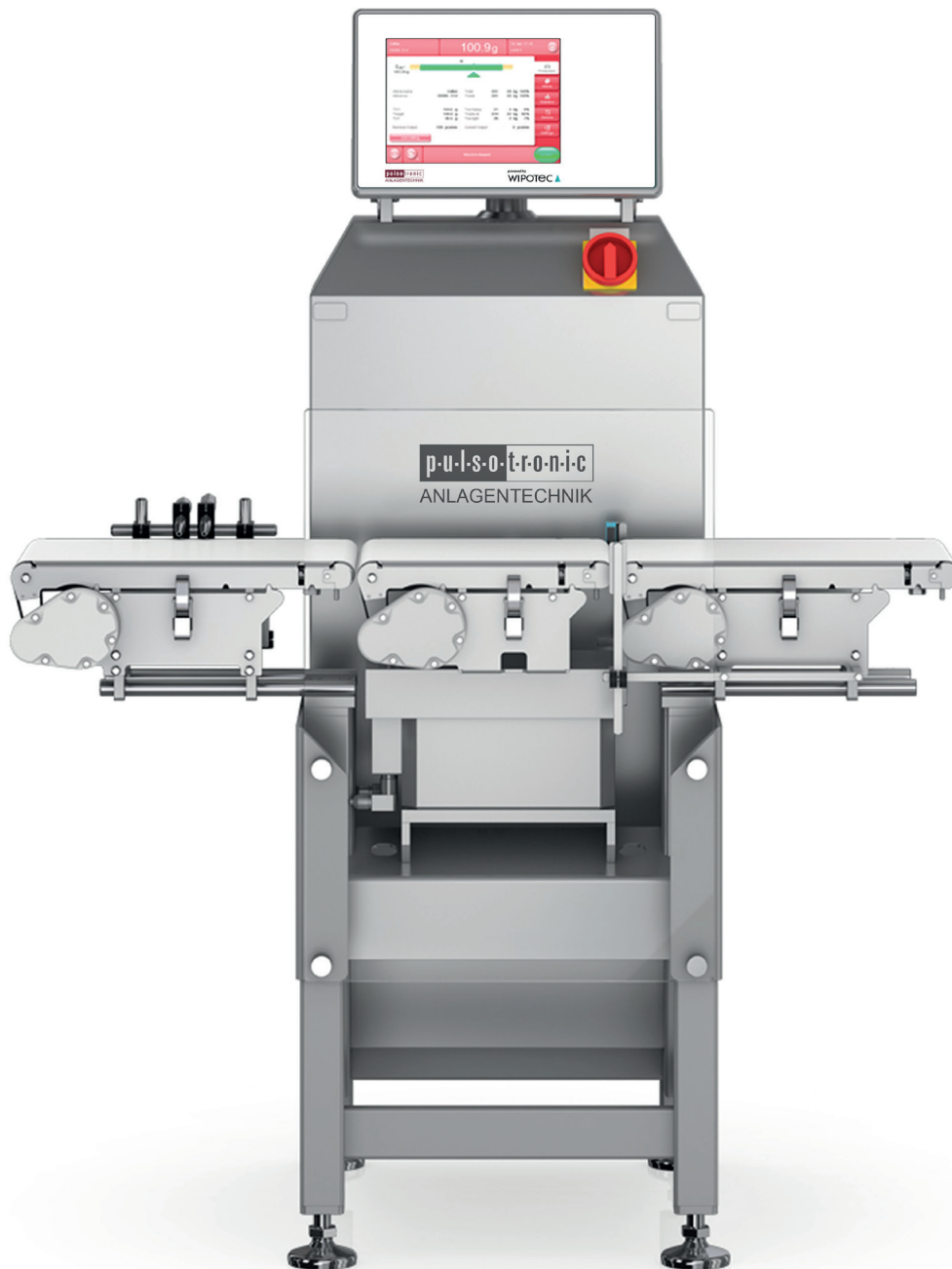


# Checkweigher

Type: CW-M-VA / CCW-M-VA



# Type: CW-M-VA / CCW-M-VA

## SOLID STAINLESS STEEL VERSION FOR WET ENVIRONMENTS

The solid stainless steel construction of the **CW-VA** is the perfect answer. Other materials have been deliberately avoided in the product areas.

This makes the CW-VA ideal for use in light to average humidity environments (protection class IP65). The Weigh Cell (with secondary hood), drive motors, and conveyors are all manufactured as stainless steel machine components. Additional options in stainless steel complete this out-

standing hygienic package. The stainless steel version of the CW-VA is a prime example of hygienic design as well as for product and consumer safety. Designed and implemented for frequent cleaning cycles, this machine very easily integrated in existing production lines. The easy

and intuitive software interface ensures comfortable operation on an 10,4-inch, clearly laid out, colour TFT display with touch-screen.

Optionally, the checkweigher is also available as a Kombichecker CCW-M-VA – a combination with a metal detector.



### MAIN FEATURES

- ☑ stainless steel construction for highest hygiene
- ☑ entire machine in stainless steel housing with infeed, weighing, and outfeed belts (NT30)
- ☑ maintenance-free servo drives
- ☑ certified (MID)
- ☑ WIPOTEC EMFR Weigh Cells
- ☑ simple, menu-directed operation on 10.4" colour TFT touchscreen
- ☑ memory for 100 product parameters
- ☑ easy, tool-free exchange of belts and conveyors
- ☑ line synchronisation with potential-free I/O signals
- ☑ extensive statistical functions/histograms for production documentation
- ☑ optionally available in combination with metal detector (CCW-M-VA)

### YOUR BENEFITS

- ☑ maximum throughput 250 pcs/min
- ☑ exact fill results for higher productivity
- ☑ efficiency improvement through simple and user-friendly controls
- ☑ requirements-based modularity for the greatest flexibility

# Type: CW-M-VA / CCW-M-VA

## TECHNICAL DATA

### BASE DATA

Material of machine	Stainless steel V2A/AISI 304
Machine weight (standard application)	250 kg
Shipping weight (standard application)	320 kg
Protection class	IP65
Temperature range	+5°C bis +40°C
Display and operation	tiltable 10,4" 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 <sup>1)</sup>	optionally: Ethernet, OPC, Profibus, ProfiNet, EtherNet/IP, RS232, RS422, RS485
max. output <sup>2)</sup>	250 pcs / min
Digitale I/O	8xE + 8xA (optionally extendible)
Product parameter storage	100 PPS (optionally 200 / 400 PPS)
Drive	Servo-Technology
Noise level <sup>2)</sup>	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 2 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 <sup>2)</sup> (1s)	n (scale division)
<b>CW-M-VA-3000-3</b>	EC-3000-3	1,500 g	8,500 g	≥ 0.2 g	≥ 0.02 g	from 100 mg	7,500
<b>CW-M-VA-3000-2</b>	EC-3000-2	3,750 g	8,500 g	≥ 0.5 g	≥ 0.05 g	from 100 mg	7,500
<b>CW-M-VA-3000-1</b>	EC-3000-1	7,500 g	8,500 g	≥ 1.0 g	≥ 0.1 g	from 100 mg	7,500
<b>CW-M-VA-4000-2</b>	EC-4000-2	7,500 g	15,000 g	≥ 1.0 g	≥ 0.1 g	from 100 mg	7,500

### DIMENSIONS CONVEYOR

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

1) optionally, surcharge

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

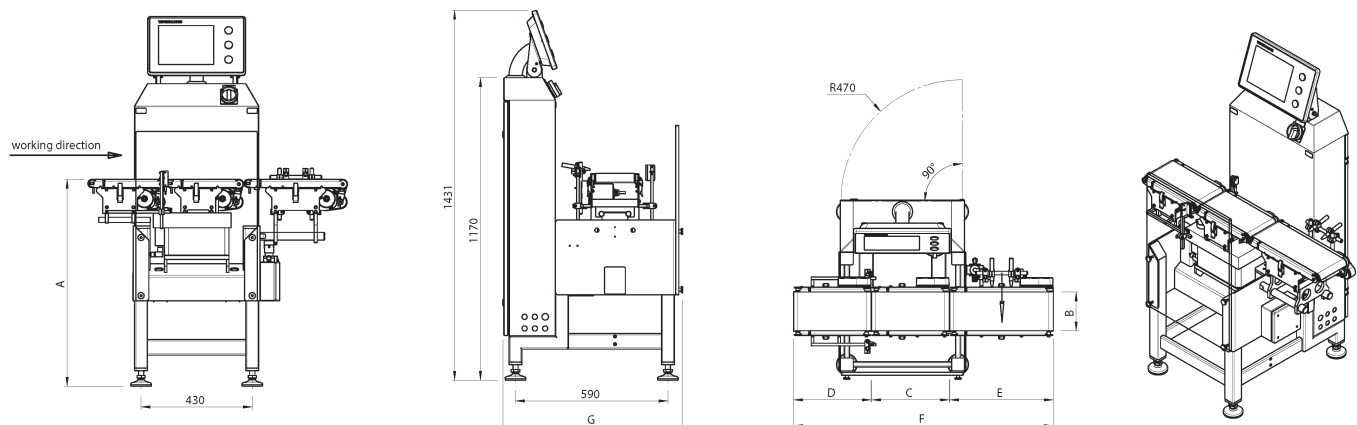
# Type: CW-M-VA / CCW-M-VA

## TECHNICAL DATA

### DIMENSIONS CONVEYOR

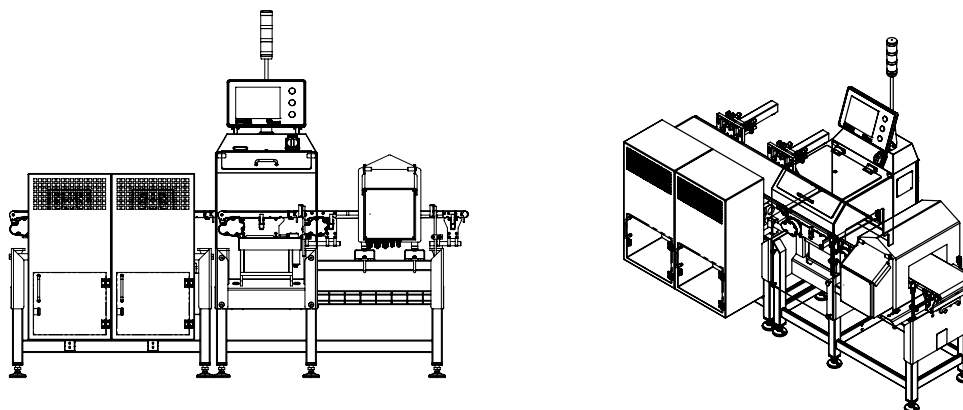
		Dimensions infeed / outfeed conveyor		
length \ width	width	150 mm	250 mm	350 mm <sup>1)</sup>
250 mm <sup>1)</sup>		X	-	-
300 mm		X	X	-
400 mm		X	X	X
500 mm		X	X	X
600 mm		X	X	X

## MACHINE DIMENSIONS CW-M-VA



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

## ALTERNATIVE TYP CCW-M-VA



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

Version: 2301eng | Typing and printing errors reserved. Subject to changes.