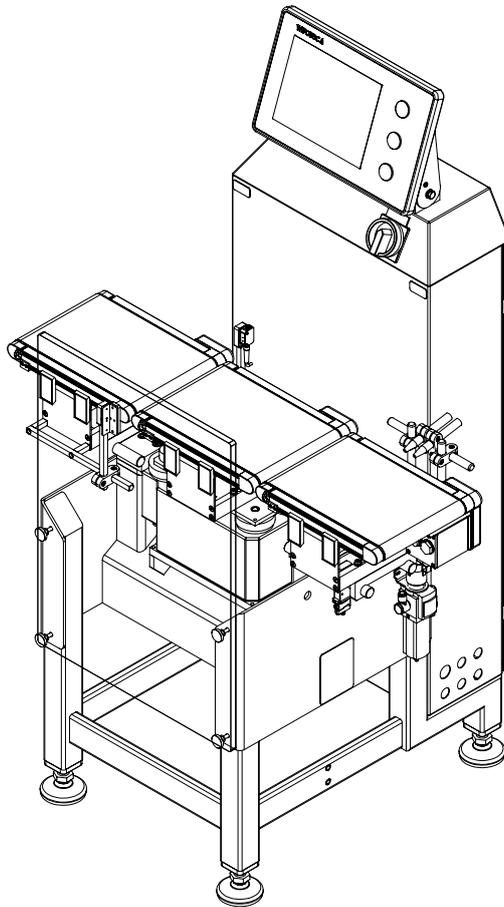


# /HC-M

## Checkweigher



# / Technical data **HC-M**

## Basic Data

Machine type	HC-M
Material of machine	Frame stainless steel V2A/AISI 304
Machine weight	230 kg (standard application)
Shipping weight	300 kg (standard application)
Protection class	IP54 <sup>[1]</sup>
Temperature range	+5 °C to +40 °C
Display and operation	Tilttable 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 <sup>[2]</sup>	Optionally: Ethernet, OPC, Profibus, ProfiNet, EtherNet/IP, RS232, RS422, RS485
Max. output <sup>[3]</sup>	250 pcs/min
Digital I/O	8xI + 8xO (optionally extendible)
Product parameter storage	100 PPS (optionally 200 / 400 PPS)
Drive	Servo-Technology
Noise level <sup>[3]</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. 16Nm <sup>3</sup> /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)

<sup>[1]</sup> Water from above, for IP65 full protection, see VA-application or WD-application (IP69K)

<sup>[2]</sup> Optionally, surcharge

<sup>[3]</sup> Depending on product shape, product behavior, transport speed and environmental condition

## Weighing Details

Machine type	HC-M-2000-2	HC-A-2000-1	HC-A-3000-3	HC-A-3000-2	HC-A-3000-1	HC-A-4000-2
<b>Weigh Cell (Type)</b>	EC-2000-2	EC-2000-1	EC-3000-3	EC-3000-2	EC-3000-1	EC-4000-2
<b>GWR (Gross weighing range)</b>	750 g	1.500 g	1.500 g	3.750 g	7.500 g	7.500 g
<b>Dead load max.</b>	4.000 g	4.000 g	8.500 g	8.500 g	8.500 g	15.000 g
<b>e (Min. calibration value)</b>	≥ 0,1 g	≥ 0,2 g	≥ 0,2 g	≥ 0,5 g	≥ 1,0 g	≥ 1,0 g
<b>d (Displayed value)</b>	≥ 0,01 g	≥ 0,02 g	≥ 0,02 g	≥ 0,05 g	≥ 0,1 g	≥ 0,1 g
<b>Standard deviation <sup>[4]</sup></b>	from 100 mg					
<b>n (Scale division)</b>	7.500	7.500	7.500	7.500	7.500	7.500

## Conveyor Dimension

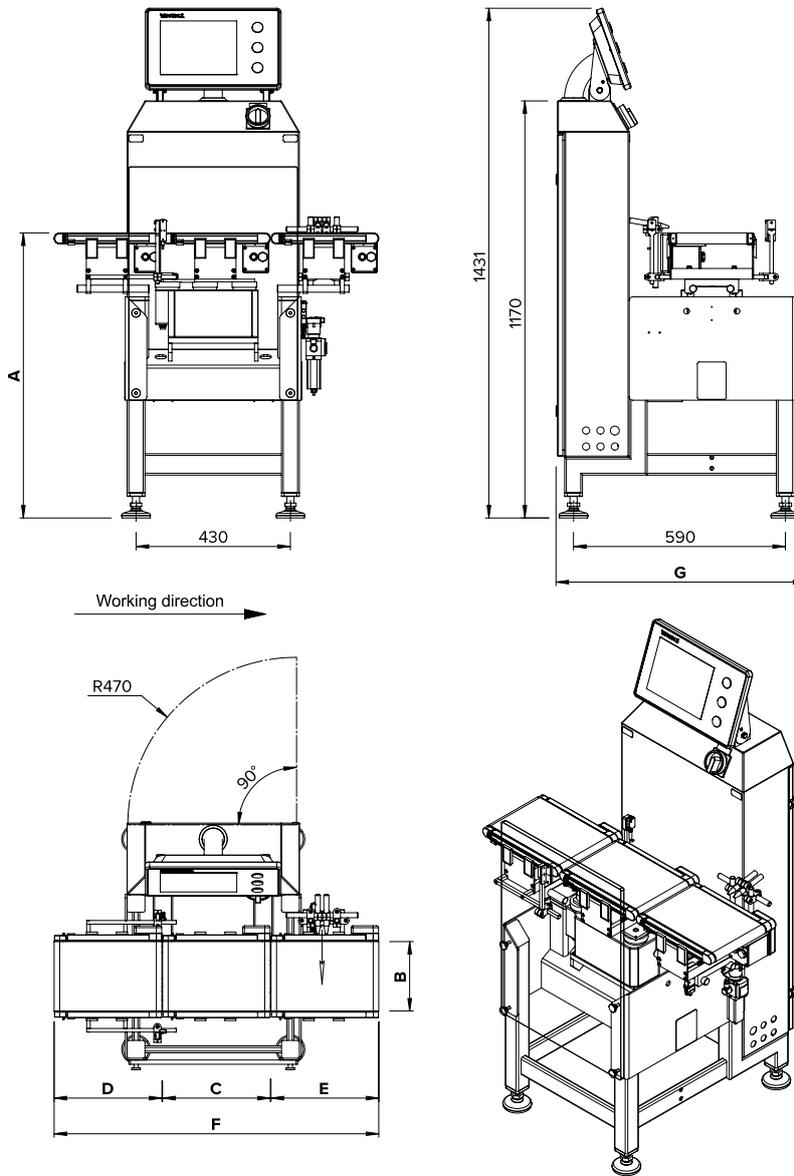
Weighing conveyor					
<b>Width</b>	120 mm	150 mm	200 mm	300 mm <sup>[5]</sup>	400 mm <sup>[5]</sup>
<b>Length</b>	200 / 250 <sup>[5]</sup> / 300 / 400 / 500 <sup>[5]</sup> mm	200 / 250 <sup>[5]</sup> / 300 / 400 / 500 <sup>[5]</sup> mm	250 <sup>[5]</sup> / 300 / 400 / 500 <sup>[5]</sup> mm	400 / 500 <sup>[5]</sup> mm	500 <sup>[5]</sup> mm

Infeed / outfeed conveyor					
<b>Width</b>	120 mm	150 mm	200 mm	300 mm <sup>[5]</sup>	400 mm <sup>[5]</sup>
<b>Length</b>	200 / 300 / 400 / 500 / 600 mm	200 / 300 / 400 / 500 / 600 mm	300 / 400 / 500 / 600 mm	400 / 500 / 600 mm	500 / 600 mm

<sup>[4]</sup> Depending on product shape, product behavior, transport speed and environmental condition

<sup>[5]</sup> Optionally, surcharge

# / Technical Drawing **HC-M**



All measurements in mm. Drawing shows sample version.

<b>A = Working height</b> <sup>[6]</sup>	700-850 / 800-950 / 900-1.050 mm
<b>B = Conveyor width</b>	120 / 150 / 200 / 300 <sup>[7]</sup> / 400 <sup>[7]</sup> mm
<b>Conveyor technology NT30</b>	roller diameter 30 mm
<b>C = Weighing conveyor length</b>	200 / 250 <sup>[7]</sup> / 300 / 400 / 500 <sup>[7]</sup> mm
<b>D = Infeed conveyor length</b>	200 / 300 / 400 / 500 / 600 mm
<b>E = Outfeed conveyor length</b>	200 / 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

<sup>[6]</sup> Working height must be specified when ordering

<sup>[7]</sup> Optionally, surcharge

