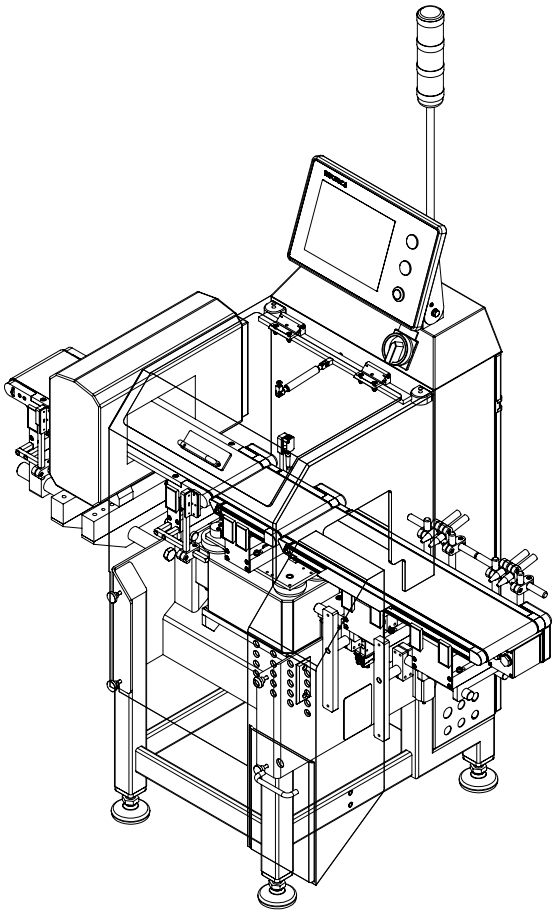
/HC-M-MDi
Checkweigher



Technical data

WIPOTEC

/ Technical data **HC-M-MDi**

Basic Data

Machine type	HC-M-MDi
Material of machine	Frame stainless steel V2A/AISI 304
Machine weight	260 kg (standard application)
Shipping weight	330 kg (standard application)
Protection class	IP54 [1]
Temperature range	+5 °C to +40 °C
Display and operation	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 [2]	Optionally: Ethernet, OPC, Profibus, ProfiNet, EtherNet/IP, RS232, RS422, RS485
Max. output [3]	250 pcs/min
Digital I/O	8xI + 8xO (optionally extendible)
Product parameter storage	100 PPS (optionally 200 / 400 PPS)
Drive	Servo-Technology
Noise level [3]	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. 16Nl/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)

[1] Water from above, for IP65 full protection, see VA-application or WD-application (IP69K)
[2] Optionally, surcharge
[3] Depending on product shape, product behavior, transport speed and environmental condition

Weighing Details

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

Conveyor Dimension

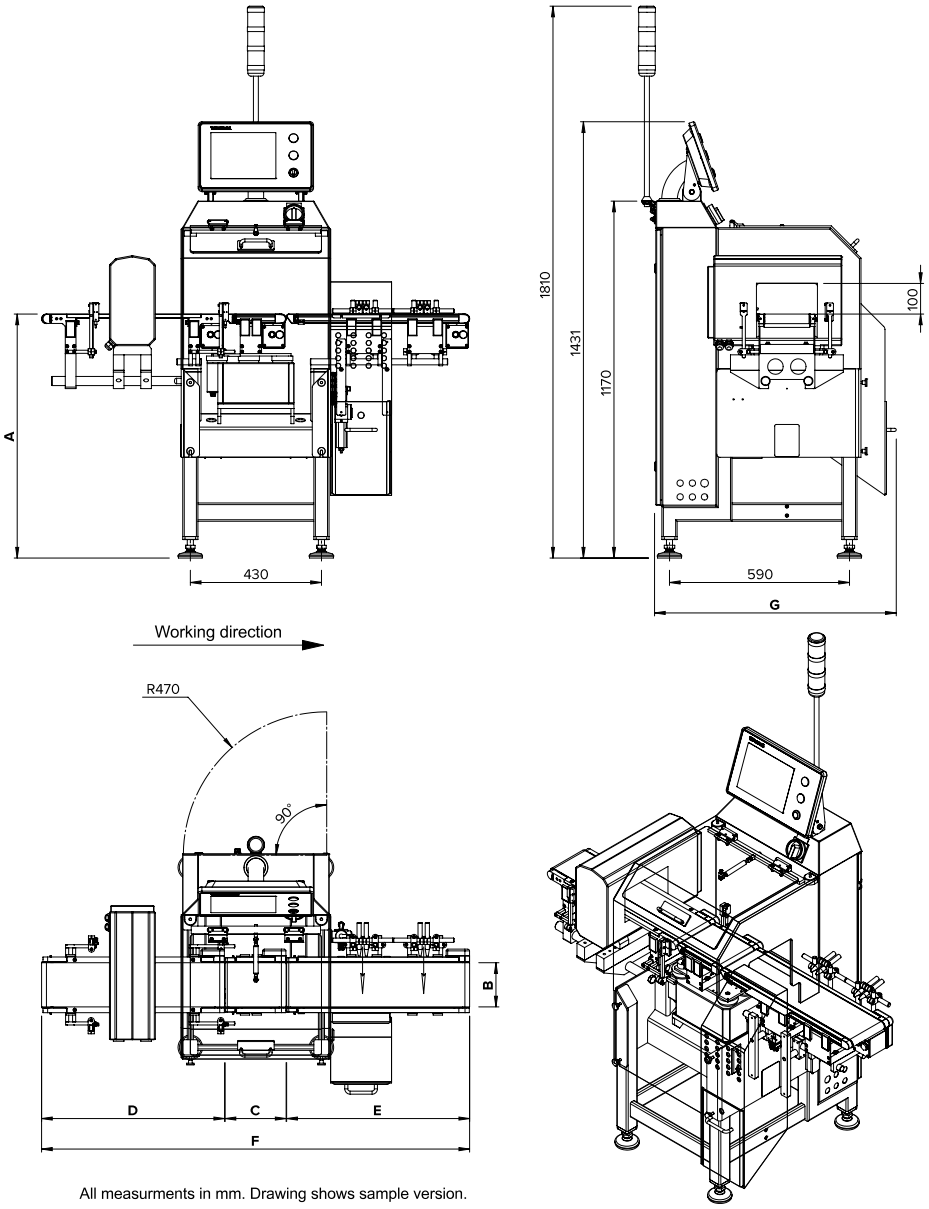
Weighing conveyor				
Width	120 mm	150 mm	200 mm	250 mm [5]
Length	200 / 250 [5] / 300 / 400 mm	200 / 250 [5] / 300 / 400 mm	250 [5] / 300 / 400 mm	400 mm

Infeed / outfeed conveyor				
Width	120 mm	150 mm	200 mm	250 mm [5]
Length	200 / 300 / 400 / 500 / 600 mm	200 / 300 / 400 / 500 / 600 mm	300 / 400 / 500 / 600 mm	400 / 500 / 600 mm

Infeed conveyor metal detector				
Width	120 mm	150 mm	200 mm	250 mm [5]
Length	600 mm - 900 mm Depending on the used metal detector (dimensions)			

[4] Depending on product shape, product behavior, transport speed and environmental condition
[5] Optionally, surcharge

/ Technical Drawing **HC-M-MDi**



All measurments in mm. Drawing shows sample version.

A = Working height [6]	700-850 / 800-950 / 900-1.050 mm
B = Conveyor width	120 / 150 / 200 / 250 [7] mm
Conveyor technology NT30	roller diameter 30 mm
C = Weighing conveyor length	200 / 250 [7] / 300 / 400 mm
D = Infeed conveyor length	600-900 mm depending on the used metal detector
E = Outfeed conveyor length	200 / 300 / 400 / 500 / 600 mm
F = Total length	D + C + E + 10 mm
G = Total width	800 mm depending on machine configuration

[6] Working height must be specified when ordering
[7] Optionally, surcharge

Notes

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