

HC-FL-2

Technical data

OCS Checkweighers, Inc.
2350 Hewatt Road
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03GB 9B02 DDDC XX

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A Wipotec Brand



HC-FL-2

Heavy load

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The HC-FL is especially designed for high-speed applications requiring top throughput rates. HC-FL offers high end weighing accuracies at high belt speeds.

Weighing principle	The high-precision Weigh Cell works on the principle of Electro Magnetic Force Restoration (EMFR)
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Conveyor technology	Belt design with sandwich technology (V2A / anodized aluminium or others); quick belt replacement using off-the-shelf tools; no removing of the platform required; stepless readjustment of the belt speed via frequency converter
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Frame	Stainless steel base frame; an extremely rigid frame is used to meet highest speeds.
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Display and operation	Operating terminal with 10.4 inch TFT touch screen, full color; HC remote control alternatively available
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Available languages	Bosnian, Danish, Dutch, English, Finnish, French, German, Hungarian, Italian, Portuguese, Spanish, Turkish, (other languages on request)
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Possible number of connected motors	6 (infeed conveyor, precision weighing conveyor, outfeed conveyor and others) ¹⁾
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Emergency operation	To comply with the utmost safety standards, our products have an integrated emergency operation function: activated via the Emergency Switch and followed by a message on the screen
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Interface	Optionally: RS 232c, RS 422, RS 485, TTY (current loop), Ethernet
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HC = Highend Catchweigher / Checkweigher
FL = Flexible Length

¹⁾ Additional conveyors require additional frequency converters

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	GWR¹⁾ (gross weighing range)	e¹⁾ (calibration value)	n¹⁾ (graduation steps)
HC-FL-2	up to 60,000 g	≥ 20 g	≤ 3,000

	HC-FL-2	
Belt width \ Belt length	800	1,000
800	X	X
1,000	X	X
1,100	X	X
1,200	X	X
1,300	X ³⁾	X ³⁾
1,400	X ³⁾	X ³⁾
1,600	X ³⁾	X ³⁾

Maximum speed	2.8 m/s (NTEP, USA and Measurement Canada) 2.9 m/s (MID)
Maximum throughput	11,000 pph
Temperature range¹⁾	5° C to +40° C
Type approvals	MID: DE-08-MI006-PTB 028 NTEP: 08-052 MC: AM5790
Electrical connection Nominal voltage Nominal frequency	for controller: 115/230 V 1~ / for motor power: 400/460 V 3~ 50-60 Hz
Connected load	0.1 - 0.9 m/s: approx. 1.5 kVA 1.0 - 2.9 m/s: approx. 2.0 kVA
Weight Intrinsic weight Dispatch weight	approx. 100 - 400 kg (depending on the belt size) approx. 160 kg - 520 kg
Protection type	General protection type IP 55

¹⁾ Depends on the respective type approvals and scale positioning

²⁾ Detailed information available on request

³⁾ Surcharge

HC-FL-2

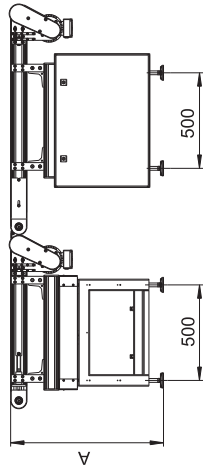
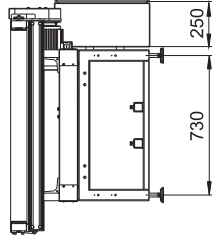
Heavy load, Type HC-FL-2



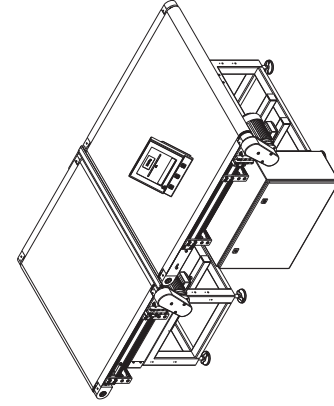
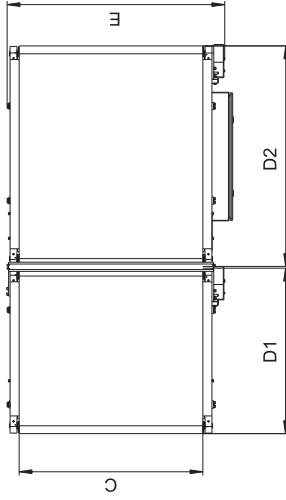
CHECKWEIGHERS

Dimensions:

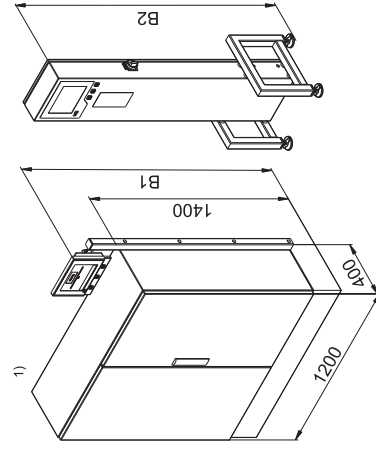
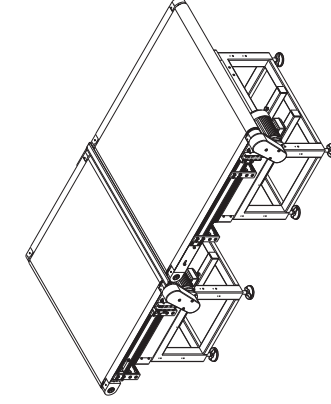
Valid for HC-FL-2	
A = Working height	500-650, 600-750,...,900-1050
B1 = Total height CABINET	approx. 1800
B2 = Total height COLUMN	approx. 1750
C = Belt width	800 / 900 / 1000
D1/2 = Weighing belt length	800-1600
E = Conveyor width	Belt width + 200 mm



All measurements in mm.
These measurements are guideline values for a standard machine without application-specific and weighing-specific attachment parts.



Option: Stand alone cabinet/column



¹⁾ Depends on the respective type approvals

HC-FL-2

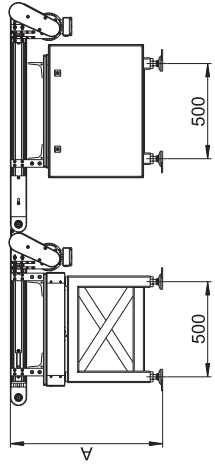
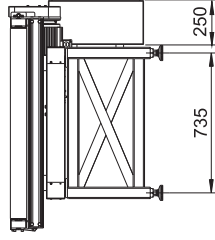
Heavy load, Type HC-FL-2
High speed Option



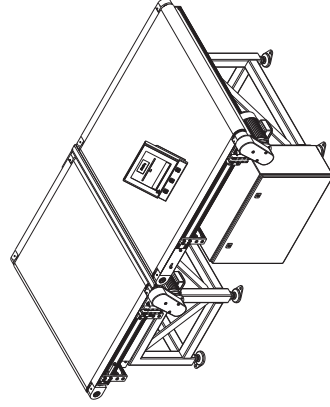
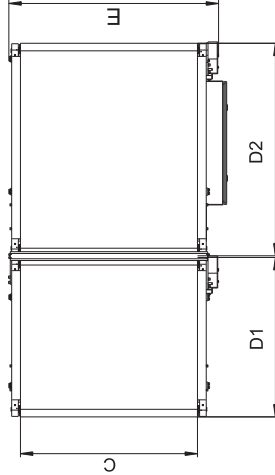
CHECKWEIGHERS

Dimensions:

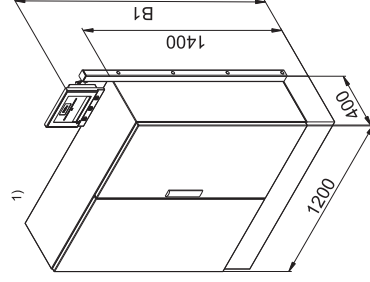
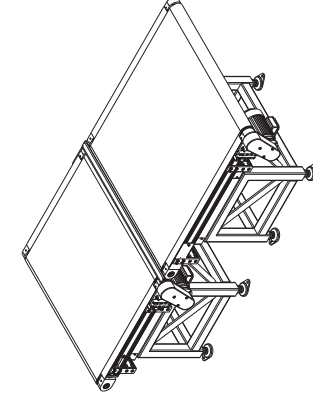
Valid for HC-FL-2 mit High speed Option	
A = Working height	550-650, 600-700,... 1100-1200
B1 = Total height CABINET	approx. 1800
B2 = Total height COLUMN	approx. 1750
C = Belt width	800 / 900 / 1000
D1/2 = Weighing belt length	800-1600
E = Conveyor width	Belt width + 200 mm



All measurements in mm.
These measurements are guideline values for the standard machine without application-specific and weighing-specific attachment parts.



Option: Free standing cabinet/column



¹⁾ Depends on the respective type approvals



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