Fact Sheet





Our strong entry model of the checkweighers ... the CWD maxx handles up to 250 packages per minute. With an IP54 protection it is the first choice for all dry applications of prepacked products.



More information High performance with a wide range of solutions and options.

Scale division d: 0.1-0.5 g	Specifications	Facts	Details
Verification scale interval e: 0.2-1 g 0.2 g 0.5 g 0.2 g 0.5 g 0.5 g 1 g	Weighing data	Weighing range: 1,000-1,500 g	600 g 1,000 g 600 g 1,500 g 1,500 g 1,500 g
Minimum load: 10-150 g 10 g 20 g 50 g 150 g Performance data Max. throughput: 103-250 packages per min. Max. belt speed: 44-80 m/min Depending on length of weighing conveyor Min. belt speed: 5 m/min Device version / mate- Stainless steel 1.4301 Development of weighing conveyor lend 1.4301 Prating 1.560		Scale division d: 0.1-0.5 g	0.2 g 0.5 g 0.2 g 0.5 g 0.5 g 0.1 g
Performance data Max. throughput: 103-250 packages per min. Depending on length of weighing conveyor Max. belt speed: 44-80 m/min Min. belt speed: 5 m/min Device version / material Device version / material Operating panel 12" color touchscreen Interfaces USB, EDP 1, 8 inputs, 8 outputs, Ethernet EDP 1 (RS232 or RS422 or TTY) IP rating IP54 Conveying unit P65 Control cabinet IP65 Display Transport Left to right I right to left Conveyor widths: 100-225 mm Eelt lengths: Length specifications always as axle distance: Weighing conveyor length: 150-750 mm I50, 200, 250, 325, 400, 500, 600, 750 mm Infeed conveyor length: 150-1,250 mm Rejection conveyor length: 150-1,250 mm I50, 200, 250, 325, 400, 500, 600, 750 mm Infeed conveyor length: 150-1,250 mm Rejection conveyor length: 150-1,250 mm I50, 200, 250, 325, 400, 500, 600, 750 mm Infeed conveyor length: 150-1,250 mm I50, 200, 250, 325, 400, 500, 600, 750 mm I60, 200, 250, 325, 400, 500, 600, 750 mm I60, 200, 250, 325, 400, 500, 600, 750 mm I60, 200, 250, 325, 400, 500, 600, 750 mm I60, 200, 250, 325, 400, 500, 600, 750 mm I60, 200, 250, 325, 400, 500, 600, 750 mm I60, 200, 250, 325, 400, 500, 600, 750 mm I60, 200, 250, 325, 400, 500, 600, 750 mm I60, 200, 250, 325, 400, 500, 600, 750 mm I60, 200, 250, 325, 400, 500, 600, 750 mm I60, 200, 250, 325, 400, 500, 600, 750 mm I60, 200, 250, 325, 400, 500, 600, 750 mm I60, 200, 250, 325, 400, 500, 600, 750 mm I60, 200, 250, 325, 400, 500, 600, 750 mm I60, 200, 250, 325, 400, 500, 600, 750 mm I60, 200, 250, 325, 400, 500, 600, 750 mm I60, 200, 250, 325, 400, 500, 600, 750 mm I60, 200, 250, 325, 400, 500, 600, 750 mm I60, 200, 250, 325, 400, 500, 600, 750 mm I60, 200, 200, 200, 200, 200, 200, 200, 2		Verification scale interval e: 0.2-1 g	0.2 g 0.5 g 0.2 g 0.5 g 0.5 g 1 g
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Min. belt speed: 5 m/min 1.4301 1.4301	Performance data	Max. throughput: 103-250 packages per min.	Depending on length of weighing conveyor
Device version / mate- rial Device version / mate- rial		Max. belt speed: 44-80 m/min	Depending on length of weighing conveyor
Training		Min. belt speed: 5 m/min	
Interfaces		Stainless steel	1.4301
Prating	Operating panel	12" color touchscreen	
IP65 Display	Interfaces	USB, EDP 1, 8 inputs, 8 outputs, Ethernet	EDP 1 (RS232 or RS422 or TTY)
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Transport Left to right I right to left 750-1,150 mm +/-30 mm Transport height Conveyor belt Conveyor widths: 100-225 mm Belt lengths: Weighing conveyor length: 150-750 mm Infeed conveyor length: 150-750 mm Rejection conveyor length: 150-750 mm Rejection conveyor length: 150-1,250 mm Belt colors: white and blue white as a standard and blue optionally available Roll diameter: 22 mm Belt unit and quick-change belt system Ambient conditions For C to +40 °C 20 - 90%, non-condensing Energy supply To0-240 V, 50-60 Hz 500-750 VA 6 bar Compressed air supply Software licenses STATISTICS To create statistics WEIGHT_CLASSES For classification of more than 3 products Software variants Code page software UNICODE software UNICODE software Remote maintenance Conveying direction Transport height Conveying direction Transport height Conveying direction Transport height Conveyor height Conveyor height Conveyor height 100, 150, 225 mm 150, 200, 250, 325, 400, 500, 600, 750 mm 150, 200, 200, 200, 20		IP65	Control cabinet
Transport height Conveyor belt Conveyor widths: 100-225 mm Belt lengths: Weighing conveyor length: 150-750 mm Infeed conveyor length: 150-750 mm Rejection conveyor length: 150-750 mm Rejection conveyor length: 150-1,250 mm Belt colors: white and blue Roll diameter: 22 mm Belt unit and quick-change belt system Ambient conditions Energy supply To0-240 V, 50-60 Hz Software licenses Software variants Code page software UNICODE software UNICODE software Infeed conveyor length: 150-1,250 mm Infeed conveyor length: 150-20, 200, 250, 325, 400, 500, 600, 750 mm Infeed conveyor length: 150-1,250 mm Infeed conveyor length: 150-1,250 mm Infeed conveyor length: 150-750 mm Infeed conveyor length: 150, 200, 250, 325, 400, 500, 600, 750 mm Infeed conveyor length: 150-750 mm Infeed conveyor, 500, 200, 250, 325, 400, 500, 750, mm Infeed conveyor length: 150-750 mm Infeed conveyor, 500, 200, 250, 325, 400, 500, 750 mm Infeed conveyor, 500, 200, 250, 325, 400, 500, 750 mm Infeed conveyor, 500, 200, 250, 325, 400, 500, 750 mm Infeed conveyor, 500, 200, 250, 325, 400, 500, 750 mm Infeed conveyor, 500, 200, 250, 325, 400, 500, 750 mm Infeed conveyor, 500, 200,		IP65	Display
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Belt lengths: Weighing conveyor length: 150-750 mm Infeed conveyor length: 150-750 mm Infeed conveyor length: 150-750 mm Rejection conveyor length: 150-1,250 mm Rejection conveyor length: 150-1,250 mm Rejection conveyor length: 150-1,250 mm Belt colors: white and blue Roll diameter: 22 mm Belt unit and quick-change belt system Ambient conditions **F °C to +40 °C 20 - 90%, non-condensing **Energy supply** **Independent of bar** **Software licenses** **Software variants** **Code page software UNICODE software **Unition** **Defection conveyor length: 150-750 mm 150, 200, 250, 325, 400, 500, 600, 750, 1,000, 1,250 mm 150, 200, 250, 325, 400, 500, 600, 750, 1,000, 1,250 mm **Power supply available Rollers made of aluminum, surface hard coated Belt unit and quick-change belt system **Power supply Humidity** **Power supply Power consumption Compressed air supply **Software statistics** **VEIGHT_CLASSES** **Software variants** **Code page software UNICODE software **Unicode software UNICODE software **Data transfer (texts & strings) in UTF-8 coding **Intercharacteristics** **Article memory Weight classes Remote maintenance		750-1,150 mm +/-30 mm	Transport height
Weighing conveyor length: 150-750 mm Infeed conveyor length: 150-750 mm Infeed conveyor length: 150-750 mm Rejection conveyor length: 150-1,250 mm Rejection conveyor length: 150-1,250 mm Rejection conveyor length: 150-1,250 mm Belt colors: white and blue Roll diameter: 22 mm Belt unit and quick-change belt system Ambient conditions **F °C to +40 °C 20 - 90%, non-condensing **Energy supply** **Double of the power consumption 6 bar **Compressed air supply** **Software licenses** **STATISTICS WEIGHT_CLASSES** **Code page software UNICODE software **UNICODE software **To create statistics Data transfer (texts & strings) UNICODE software **To code page software UNICODE software **To cod	Conveyor belt	Conveyor widths: 100-225 mm	100, 150, 225 mm
Infeed conveyor length: 150-750 mm Rejection conveyor length: 150-1,250 mm Belt colors: white and blue white as a standard and blue optionally available Roll diameter: 22 mm Rollers made of aluminum, surface hard coated Belt unit and quick-change belt system Ambient conditions **F °C to +40 °C** 20 - 90%, non-condensing **Humidity** Energy supply 100-240 V, 50-60 Hz 500-750 VA Power supply 500-750 VA Power consumption Compressed air supply Software licenses STATISTICS WEIGHT_CLASSES For classification of more than 3 products Software variants Code page software UNICODE software UNICODE software **To create statistics** Data transfer (texts & strings) Data transfer (texts & strings) in UTF-8 coding further characteristics Article memory Weight classes Remote maintenance		Belt lengths:	Length specifications always as axle distance:
Rejection conveyor length: 150-1,250 mm Belt colors: white and blue white as a standard and blue optionally available Roll diameter: 22 mm Rollers made of aluminum, surface hard coated Belt unit and quick-change belt system Ambient conditions +5 °C to +40 °C Operating temperature 20 - 90%, non-condensing Humidity Energy supply 100-240 V, 50-60 Hz Power supply Four consumption Compressed air supply 500-750 VA Power consumption Compressed air supply Software licenses STATISTICS To create statistics WEIGHT_CLASSES For classification of more than 3 products Software variants Code page software Data transfer (texts & strings) UNICODE software Data transfer (texts & strings) in UTF-8 coding further characteristics Remote maintenance		Weighing conveyor length: 150-750 mm	150, 200, 250, 325, 400, 500, 600, 750 mm
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Roll diameter: 22 mm Belt unit and quick-change belt system Ambient conditions +5 °C to +40 °C 20 - 90%, non-condensing Humidity Energy supply 100-240 V, 50-60 Hz 500-750 VA 6 bar Compressed air supply Software licenses STATISTICS WEIGHT_CLASSES For classification of more than 3 products Software variants Code page software UNICODE software Data transfer (texts & strings) UNICODE software further characteristics Remote maintenance Rollers made of aluminum, surface hard coated and surface hard coated and surface hard coated and surface hard coated and surface ha		Rejection conveyor length: 150-1,250 mm	
Belt unit and quick-change belt system Ambient conditions +5 °C to +40 °C Operating temperature 20 - 90%, non-condensing Humidity Energy supply 100-240 V, 50-60 Hz Power supply 500-750 VA Power consumption 6 bar Compressed air supply Software licenses STATISTICS To create statistics WEIGHT_CLASSES For classification of more than 3 products Software variants Code page software Data transfer (texts & strings) UNICODE software Data transfer (texts & strings) in UTF-8 coding further characteristics Article memory 100,000 Weight classes Remote maintenance		Belt colors: white and blue	white as a standard and blue optionally available
Ambient conditions +5 °C to +40 °C Operating temperature 20 - 90%, non-condensing Humidity Energy supply 100-240 V, 50-60 Hz Power supply 500-750 VA Power consumption 6 bar Compressed air supply Software licenses STATISTICS To create statistics WEIGHT_CLASSES For classification of more than 3 products Software variants Code page software Data transfer (texts & strings) UNICODE software Data transfer (texts & strings) in UTF-8 coding further characteristics Article memory Weight classes Remote maintenance		Roll diameter: 22 mm	Rollers made of aluminum, surface hard coated
Energy supply 100-240 V, 50-60 Hz 500-750 VA 6 bar Software licenses STATISTICS WEIGHT_CLASSES Software variants Code page software UNICODE software UNICODE software Article memory Weight classes Remote maintenance Humidity Power supply Power consumption Compressed air supply To create statistics For classification of more than 3 products Data transfer (texts & strings) Data transfer (texts & strings) in UTF-8 coding		Belt unit and quick-change belt system	
Energy supply 100-240 V, 50-60 Hz 500-750 VA Power consumption 6 bar Compressed air supply Software licenses STATISTICS WEIGHT_CLASSES For classification of more than 3 products Software variants Code page software UNICODE software Data transfer (texts & strings) UNICODE software Data transfer (texts & strings) in UTF-8 coding further characteristics Remote maintenance Remote maintenance	Ambient conditions	+5 °C to +40 °C	Operating temperature
500-750 VA Power consumption 6 bar Compressed air supply Software licenses STATISTICS To create statistics WEIGHT_CLASSES For classification of more than 3 products Software variants Code page software Data transfer (texts & strings) UNICODE software Data transfer (texts & strings) in UTF-8 coding further characteristics Article memory Weight classes Remote maintenance		20 - 90%, non-condensing	Humidity
Software licenses STATISTICS WEIGHT_CLASSES For classification of more than 3 products Software variants Code page software UNICODE software Data transfer (texts & strings) UNICODE software Data transfer (texts & strings) in UTF-8 coding further characteristics Article memory Weight classes Remote maintenance	Energy supply	100-240 V, 50-60 Hz	Power supply
Software licenses STATISTICS WEIGHT_CLASSES For classification of more than 3 products Software variants Code page software UNICODE software Data transfer (texts & strings) Data transfer (texts & strings) in UTF-8 coding further characteristics Article memory Weight classes Remote maintenance		500-750 VA	Power consumption
WEIGHT_CLASSES For classification of more than 3 products Software variants Code page software UNICODE software Data transfer (texts & strings) in UTF-8 coding further characteristics Article memory Weight classes Remote maintenance		6 bar	Compressed air supply
Software variants Code page software UNICODE software Data transfer (texts & strings) in UTF-8 coding further characteristics Article memory Weight classes Remote maintenance Data transfer (texts & strings) in UTF-8 coding 100,000 80	Software licenses	STATISTICS	To create statistics
UNICODE software Data transfer (texts & strings) in UTF-8 coding further characteristics Article memory Weight classes Remote maintenance		WEIGHT_CLASSES	For classification of more than 3 products
further characteristics Article memory 100,000 Weight classes 80 Remote maintenance	Software variants	Code page software	Data transfer (texts & strings)
Weight classes 80 Remote maintenance		UNICODE software	Data transfer (texts & strings) in UTF-8 coding
Weight classes 80 Remote maintenance	further characteristics	Article memory	100,000
Remote maintenance		Weight classes	
Web interface		-	
		Web interface	

Options	Facts	Details
Metrologically approved as per OIML R 87	Prepack regulations (FPV) control, verifiable only for weighing belt lengths from 150 mm to 400 mm	The checkweighers are metrologically approved as per accuracy class XIII (1) and therefore suitable for prepack regulations control.
Metal detector	integrated metal detector	The metal detector is operated from the display of the checkweigher.
	Metal detector belt length	750 mm
Operating panel	7" color display with membrane keyboard	WVGA (800x480)
Indexing belt length	150, 200, 250, 325, 400, 500, 600, 750 mm	Shaft distance
Rejection systems	Air-jet nozzle Pusher	Further rejection systems upon request as a project
Reject bin	Stainless steel	
reject bill	Dimensions (L x D x H)	150 200 300 400x300x750 mm, Opening: 200 mm 250 350 500x310 410x750 mm, Opening: 250 mm
	Container fill level check	Light sensor
	Ejection monitoring	1 or 4 light sensors
	Lock for reject bin	available as latch or lock
	Door monitoring	stops the system when the reject bin door is open after expiration of an adjustable time
Protocol printer	Mounted to control cabinet	Incl. license LINE_PRINTER and serial interface
Emergency stop	Emergency stop with belt switch-off	mounted to main column, turns off conveyor drives
	Emergency stop with pneumatic system and belt switch-off	additionally switches off the pneumatic system
Signal lamp	2-color	Red = fault, green = device okay
	3-color	Red = fault, yellow = stop, green = belts running
Emergency operation function		The belts run in order to ensure the production flow (without weighing function). Operation via extra module in the control cabinet with adjustable belt speeds.
Tendency control kit	Incl. license Tendency Control and relay	
Line integration kit	3 outputs via relay and 1 input	
Flow control	Light sensor	
Draft shield	from the top	reduces interfering influences resulting from drafts
	from the bottom	
Guiding bars	available for all belt lengths	
Belt transition plates	available for all belt widths	closes the gaps between the belt bodies
Compressed air monitoring	stops the system when air pressure drops	
Software licenses	BRIDGE+MC_BUFFER	For buffering data in the event of LAN / pc failure
	VERIFIABLE_X1	as per prepack regulations, incl. conformity assessment
	ETHERNET	Ethernet connection via TCP/IP
	ONLINE	Communication via Gx-Net via ETHERNET

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SOFTCONTROL TENDENCY CONTROL LINE_PRINTER

For operation from a second work station To regulate filling systems (without relay) Required for external printer

Info graphics

Symbols









logically





250 packages per minute

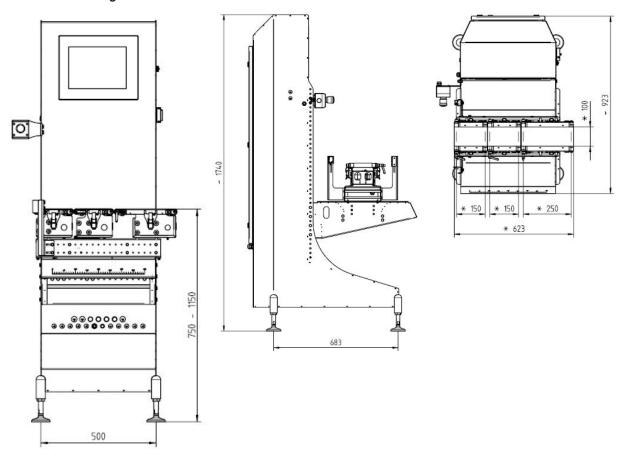
IP54 protection

Unicode

Stainless steel approved)

EMFR

Dimensional drawings



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