

# Fact Sheet

## CWDmaxx 3000

# BIZERBA

*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.

Specifications	Facts	Details
<b>Weighing data</b>	Weighing range: 3,000 g Scale division d: 0.1-1 g Verification scale interval e: 0.5-1 g Minimum load: 50-150 g	1,500g   3,000 g 3,000 g 0.5 g   1 g 0.1 g 0.5 g   1 g 1 g 50 g 150 g
<b>Performance data</b>	Max. throughput: 84-181 packages per min. Max. belt speed: 43-66 m/min Min. belt speed: 5 m/min	Depending on length of weighing conveyor Depending on length of weighing conveyor
<b>Device version / material</b>	Stainless steel	1.4301
<b>Operating panel</b>	12" color touchscreen	
<b>Interfaces</b>	USB, EDP 1, 8 inputs, 8 outputs, Ethernet	EDP 1 (RS232 or RS422 or TTY)
<b>IP rating</b>	IP54 IP65 IP65	Conveying unit Control cabinet Display
<b>Transport</b>	Left to right   right to left 750-1,150 mm +/-30 mm	Conveying direction Transport height
<b>Conveyor belt</b>	Conveyor widths: 150-300 mm Belt lengths: Weighing conveyor length: 150-750 mm Infeed 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	150, 225, 300 mm Length specifications always as axle distance: 200, 250, 325, 400, 500, 600, 750 mm 200, 250, 325, 400, 500, 600, 750 mm 200, 250, 325, 400, 500, 600, 750, 1,000, 1,250 mm  white as a standard and blue optionally available Rollers made of aluminum, surface hard coated
<b>Ambient conditions</b>	+5 °C to +40 °C 20 - 90%, non-condensing	Operating temperature Humidity
<b>Energy supply</b>	100-240 V, 50-60 Hz 500-750 VA 6 bar	Power supply Power consumption Compressed air supply
<b>Software licenses</b>	STATISTICS WEIGHT_CLASSES	To create statistics For classification of more than 3 products
<b>Software variants</b>	Code page software UNICODE software	Data transfer (texts & strings) Data transfer (texts & strings) in UTF-8 coding
<b>further characteristics</b>	Article memory Weight class Remote service, web interface Sending of status e-mails	100,000 80

<b>Options</b>	<b>Facts</b>	<b>Details</b>
<b>Metrologically approved as per OIML R 87</b>	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.
<b>Metal detector</b>	integrated metal detector	The metal detector is operated from the display of the checkweigher.
	Metal detector belt length	750 mm
<b>Operating panel</b>	7" color display with membrane keyboard	WVGA (800x480)
<b>Indexing belt length</b>	200, 250, 325, 400, 500, 600, 750 mm	Shaft distance
<b>Rejection systems</b>	Air-jet nozzle	Further rejection systems upon request as a project
	Pusher	
	Divider	
	Catcher	
	Flap reject	
	Swing and drop belt	
<b>Reject bin</b>	Stainless steel	
	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 light sensor 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
<b>Protocol printer</b>	Mounted to control cabinet	Incl. license LINE_PRINTER and serial interface
<b>Emergency stop</b>	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
<b>Signal lamp</b>	2-color	Red = fault, green = device okay
	3-color	Red = fault, yellow = stop, green = belts running
<b>Emergency operation function</b>	The conveyor belts of the checkweighers can be started manually even if the operating and control unit failed.	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.
<b>Tendency control kit</b>	Incl. license Tendency Control and relay	
<b>Line integration kit</b>	3 outputs via relay and 1 input	
<b>Flow control</b>	Light sensor	
<b>Draft shield</b>	from the top from the bottom	reduces interfering influences resulting from drafts
<b>Guiding bars</b>	available for all belt lengths	
<b>Belt transition plates</b>	available for all belt widths	closes the gaps between the belt bodies
<b>Compressed air monitoring</b>	stops the system when air pressure drops	
<b>Software licenses</b>	BRIDGE+MC_BUFFER VERIFIABLE_X1	For buffering data in the event of LAN / pc failure as per prepack regulations, incl. conformity assessment

ETHERNET  
ONLINE  
SOFTCONTROL  
TENDENCY CONTROL  
LINE\_PRINTER

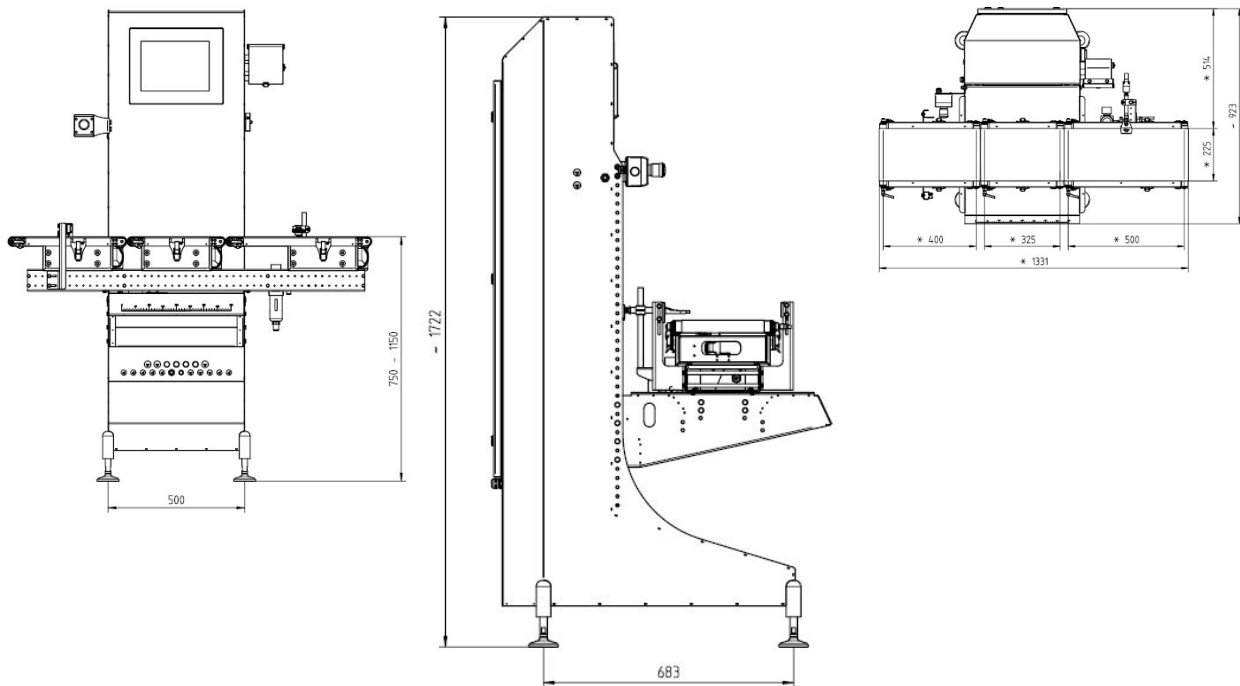
Ethernet connection via TCP/IP  
Communication via Gx-Net via ETHERNET  
For operation from a second work station  
To regulate filling systems (without relay)  
Required for external printer

## Info graphics

## Symbols



## Dimensional drawings



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