

# Fact Sheet

## CWHmaxx 3000

**BIZERBA**

*Our clean solution for fully automatic weight control – the dynamic checkweigher CWHmaxx. It was specifically developed for high demands of the food industry. The hygienic design impresses in terms of quality of the materials used, open structures and rounded surfaces. Your benefit: An easy to clean checkweigher for food with precise weighing results.*



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

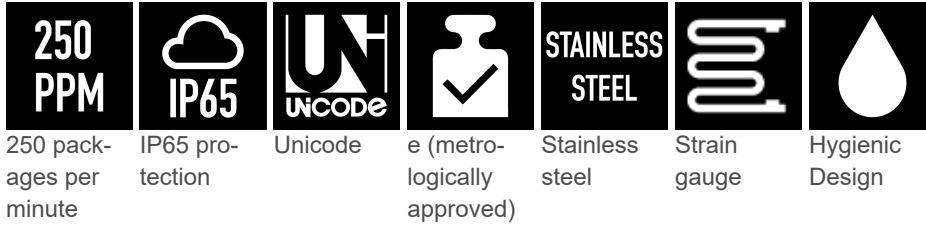
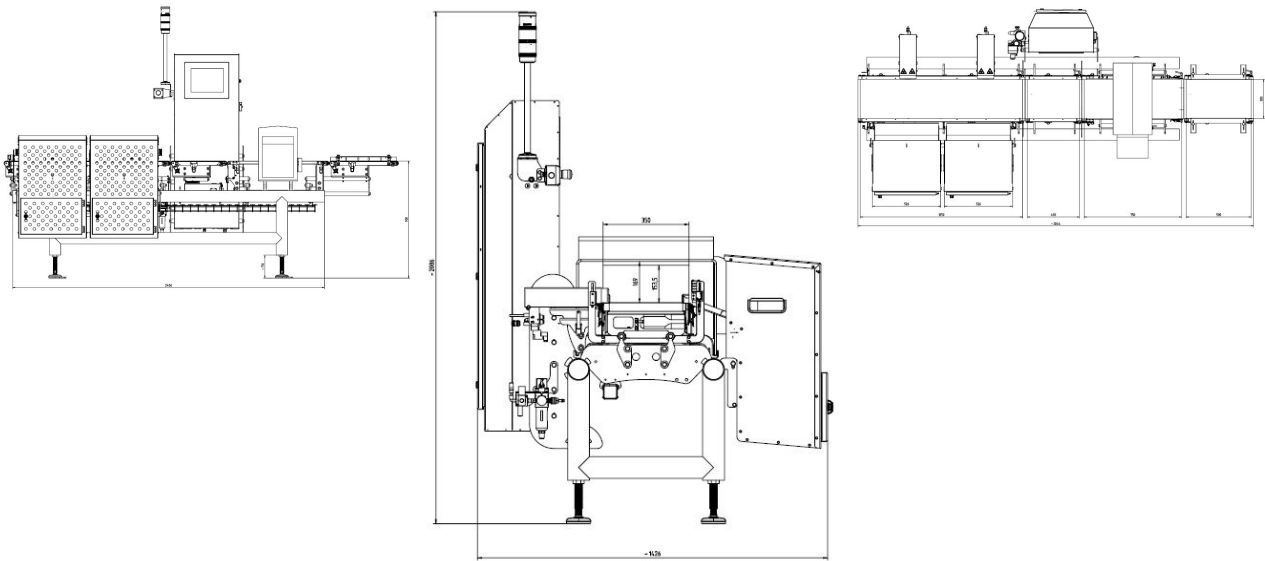
Specifications	Facts	Details
<b>Weighing data</b>	Weighing range: 1,500 g   3,000 g Scale division d: 0.5 g   1 g Verification scale interval e: 0.5 g   1 g Minimum load: 50 g	
<b>Performance data</b>	Max. throughput: 250 packages per min. Max. belt speed: 79-120 m/min Min. belt speed: 5 m/min	Depending 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>	IP65	Conveying unit Control cabinet Display
<b>Transport</b>	Left to right   right to left 750-1,000 mm	Conveying direction Transport height
<b>Conveyor belt</b>	Belt width: 300 mm Belt lengths: Weighing belt lengths: 400-600 mm Infeed belt lengths: 400-600 mm Discharge belt lengths: 400-1,250 mm Belt colors: white and blue Roll diameter: 32 mm Belt unit and quick-change belt system	Length specifications always as axle distance: 400, 500, 600 mm 400, 500, 600 mm 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>	0 °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 To classify up to 80 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 classes Remote maintenance Web interface Sending of status e-mails	100,000 80

Options	Facts	Details
<b>Metrologically approved as per OIML R 87</b>	Prepack regulations (FPV) control	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   1,000 mm
<b>Operating panel</b>	7" color display with membrane keyboard	WVGA (800x480)
<b>Indexing belt length</b>	400, 500, 600 mm	Shaft distance
<b>Rejection systems</b>	Air-jet nozzle	Further rejection systems upon request as a project
	Pusher	
<b>Reject bin</b>	Stainless steel	150   200   300   400 x 300 x 750 mm Opening: 200 mm 250   350   500 x 310   410 x 750 mm Opening: 250 mm Light sensor 1 or 4 light sensors available as latch or lock stops the system when the reject bin door is open after expiration of an adjustable time
	Dimensions (L x D x H)	
	Container fill level check	
	Ejection monitoring	
	Lock for reject bin	
	Door monitoring	
<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	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	Ethernet connection via TCP/IP
	ONLINE	Communication via Gx-Net via ETHERNET
	SOFTCONTROL	For operation from a second work station
	TENDENCY CONTROL	To regulate filling systems (without relay)

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**Info graphics**

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**Symbols****Dimensional drawings****Bizerba SE & Co. KG**

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# Fact Sheet

## CWHmaxx 3000 IP69

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*Our clean solution for fully automatic weight control – the dynamic checkweigher CWHmaxx. It was specifically developed for high demands of the food industry. The hygienic design impresses in terms of quality of the materials used, open structures and rounded surfaces. Your benefit: An easy to clean checkweigher for food with precise weighing results.*



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Specifications	Facts	Details
<b>Weighing data</b>	Weighing range: 1,500 g   3,000 g Scale division d: 0.5 g   1 g Verification scale interval e: 0.5 g   1 g Minimum load: 50 g	
<b>Performance data</b>	Max. throughput: 250 packages per min. Max. belt speed: 79-120 m/min Min. belt speed: 5 m/min	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>	IP66 / IP69	
<b>Transport</b>	Left to right   right to left 750-1,000 mm	Conveying direction Transport height
<b>Conveyor belt</b>	Belt width: 300 mm Belt lengths: Weighing belt lengths: Infeed belt lengths: Discharge belt lengths: Belt colors: blue Roll diameter: 32 mm	Length specifications always as axle distance: 400, 500 mm 400, 500, 600 mm 400, 500, 600, 750, 1,000, 1,250 mm Rollers made of aluminum, surface hard coated
<b>Ambient conditions</b>	0 °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 UNICODE software	To create statistics To classify up to 80 products Data transfer (texts & strings) in UTF-8 coding
<b>further characteristics</b>	Article memory Weight classes Remote maintenance Web interface Sending of status e-mails	100,000 80

Options	Facts	Details
<b>Metrologically approved as per OIML R 87</b>	Prepack regulations (FPV) control	The checkweighers are metrologically approved as per accuracy class XIII (1) and therefore suitable for prepack regulations control.
<b>Operating panel</b>	7" color display with membrane keyboard	WVGA (800x480)
<b>Indexing belt length</b>	400, 500, 600 mm	Shaft distance
<b>Rejection systems</b>	Pusher	Further rejection systems upon request
<b>Collecting options</b>	Roller conveyor Slide	
<b>Emergency stop function</b>	EMERG STOP with pneumatic system and belt switch-off	Mounted to main column, turns off conveyor drives Additionally switches off the pneumatic system
<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>Signal lamp</b>	2-color 3-color	Red = fault, green = device okay Red = fault, yellow = stop, green = belts running
<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>Guide rails</b>	available for all belt lengths	
<b>Compressed air monitoring</b>	stops the system when air pressure drops	
<b>Software licenses</b>	BRIDGE+MC_BUFFER VERIFIABLE_X1  ETHERNET ONLINE SOFTCONTROL TENDENCY CONTROL	For buffering data in the event of LAN / pc failure as per prepack regulations, incl. conformity assessment  Ethernet connection via TCP/IP Communication via Gx-Net via ETHERNET For operation from a second work station To regulate filling systems (without relay)

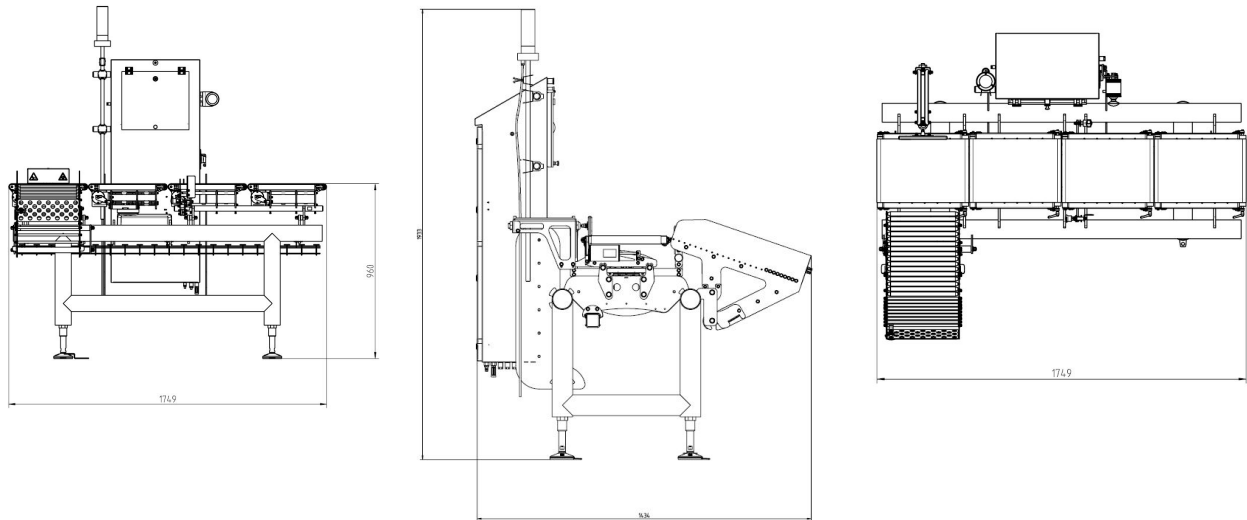
## Info graphics

## Symbols



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## Dimensional drawings



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# Fact Sheet

## CWHmaxx 6000

**BIZERBA**

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Specifications	Facts	Details
<b>Weighing data</b>	Weighing range: 3,000 g   6,000 g Scale division d: 1 g   2 g Verification scale interval e: 1 g   2 g Minimum load: 150 g	
<b>Performance data</b>	Max. throughput: 300 packages per min. Max. belt speed: 79-120 m/min Min. belt speed: 5 m/min	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>	IP65	Conveying unit Control cabinet Display
<b>Transport</b>	Left to right   right to left 750-1,000 mm	Conveying direction Transport height
<b>Conveyor belt</b>	Belt width: 300 mm Belt lengths: Weighing belt lengths: 400-600 mm Infeed belt lengths: 400-600 mm Discharge belt lengths: 400-1,250 mm Belt colors: white and blue Roll diameter: 32 mm Belt unit and quick-change belt system	Length specifications always as axle distance: 400, 500, 600 mm 400, 500, 600 mm 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>	0 °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 To classify up to 80 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 classes Remote maintenance Web interface Sending of status e-mails	100,000 80

Options	Facts	Details
<b>Metrologically approved as per OIML R 87</b>	Prepack regulations (FPV) control	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   1,000 mm
<b>Operating panel</b>	7" color display with membrane keyboard	WVGA (800x480)
<b>Indexing belt length</b>	400, 500, 600 mm	Shaft distance
<b>Rejection systems</b>	Air-jet nozzle	Further rejection systems upon request as a project
	Pusher	
<b>Reject bin</b>	Stainless steel	150   200   300   400 x 300 x 750 mm Opening: 200 mm 250   350   500 x 310   410 x 750 mm Opening: 250 mm Light sensor 1 or 4 light sensors available as latch or lock stops the system when the reject bin door is open after expiration of an adjustable time
	Dimensions (L x D x H)	
	Container fill level check	
	Ejection monitoring	
	Lock for reject bin	
	Door monitoring	
<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>Signaling column</b>	1 to 5 signaling column elements	LED flashlight: Red =fault LED continuous light: Yellow = stop, green = belts running Blue = Audit Check Horn = malfunction
<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	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  ETHERNET ONLINE	For buffering data in the event of LAN / pc failure as per prepack regulations, incl. conformity assessment Ethernet connection via TCP/IP Communication via Gx-Net via ETHERNET



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SOFTCONTROL  
TENDENCY CONTROL  
LINE\_PRINTER

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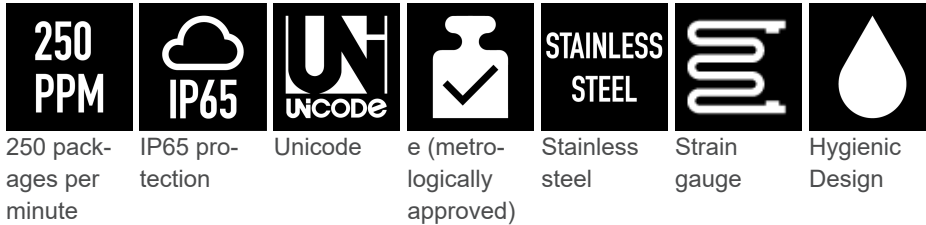
For operation from a second work station  
To regulate filling systems (without relay)  
Required for external printer

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## Info graphics

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### Symbols



### Dimensional drawings

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