

# 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: 1500 g   3000 g<br>Scale interval d: 0.5 g   1 g<br>Verification scale interval e: 0.5 g   1 g<br>Minimum load: 50 g  |   |
| <b>Performance data</b>          | Max. throughput: 250 packages per min.<br>Max. belt speed: 79 - 120 m/min<br>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>           | 12.1" SVGA color touch screen   |   |
| <b>Interfaces</b>                | USB, EDP 1, 8 inputs, 8 outputs, Ethernet   | EDP 1 (RS 232 or RS 422 or TTY)   |
| <b>Protection type</b>           | IP65  | Conveying unit, control cabinet, display  |
| <b>Transport</b>                 | Transport direction<br>Transport height   | Left to right   right to left<br>750 - 1000 mm  |
| <b>Conveyor belt</b>             | Belt width: 300 mm<br>Belt lengths:<br>Weighing belt lengths: 400 - 600 mm<br>Infeed belt lengths: 400 - 600 mm<br>Discharge belt lengths: 400 - 1250 mm<br><br>Belt colors: white and blue<br>Roller diameter: 32 mm<br>Belt body and quick belt change system | Length specifications always as axle distance:<br>400, 500, 600 mm<br>400, 500, 600 mm<br>400, 500, 600, 750, 1000, 1250 mm<br><br>white as a standard and blue optionally available<br>Rollers made of aluminum, surface hard coated |
| <b>Ambient conditions</b>        | Operating temperature<br>Humidity   | 0 °C to +40 °C<br>20 - 90%, non-condensing  |
| <b>Energy supply</b>             | Power supply<br>Power consumption<br>Compressed air supply  | 100 - 240 V, 50/60 Hz<br>500/750 VA<br>6 bar  |
| <b>Software licenses</b>         | STATISTICS<br>WEIGHT_CLASSES  | To create statistics<br>To classify up to 80 products   |
| <b>Software variants</b>         | Software Codepage<br>Software UNICODE   | Data transfer (texts & strings)<br>Data transfer (texts & strings) in UTF-8 coding  |
| <b>further characteristics</b>   | Article memory<br>Weight classes<br>Remote service<br>Web interface<br>Sending of status e-mails  | 100,000<br>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<br>Metal detector belt length  | The metal detector is operated from the display of the checkweigher.<br>750   1000 mm  |
| <b>Operating panel</b>                          | 7" color display with membrane keyboard  | WVGA (800 x 480)   |
| <b>Indexing belt length</b>                     | 400, 500, 600 mm   | Shaft distance   |
| <b>Rejection systems</b>                        | Air-jet nozzle<br>Pusher   | Further rejection systems upon request as a project  |
| <b>Reject bin</b>                               | Stainless steel<br>Dimensions (L x D x H)  | 150   200   300   400 x 300 x 750 mm,<br>Opening 200 mm<br>250   350   500 x 310   410 x 750 mm,<br>Opening 250 mm   |
|   | Container fill level check<br>Rejection control<br>Lock for reject bin<br>Door monitoring                      | Light sensors<br>1 light sensor or 4 light sensors<br>available as latch or lock<br>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<br>Emergency stop with pneumatic system and belt switch-off                | mounted to main column, turns off belt drives<br>additionally switches off the pneumatic system  |
| <b>Signal lamp</b>                              | 2-color<br>3-color   | red = fault, green = device okay<br>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>Guide rails</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   |  |

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## Software licenses

BRIDGE+MC\_BUFFER  
EICHFÄHIG\_X1  
ETHERNET  
ONLINE  
SOFTCONTROL  
TENDENCY CONTROL  
LINE\_PRINTER

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)  
required for external printer

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## Infographic



## Symbols



200  
PPM  
200  
packages per  
minute



Protection  
Class IP65



Unicode



e (metrologi-  
cally  
approved)



Stainless  
Steel



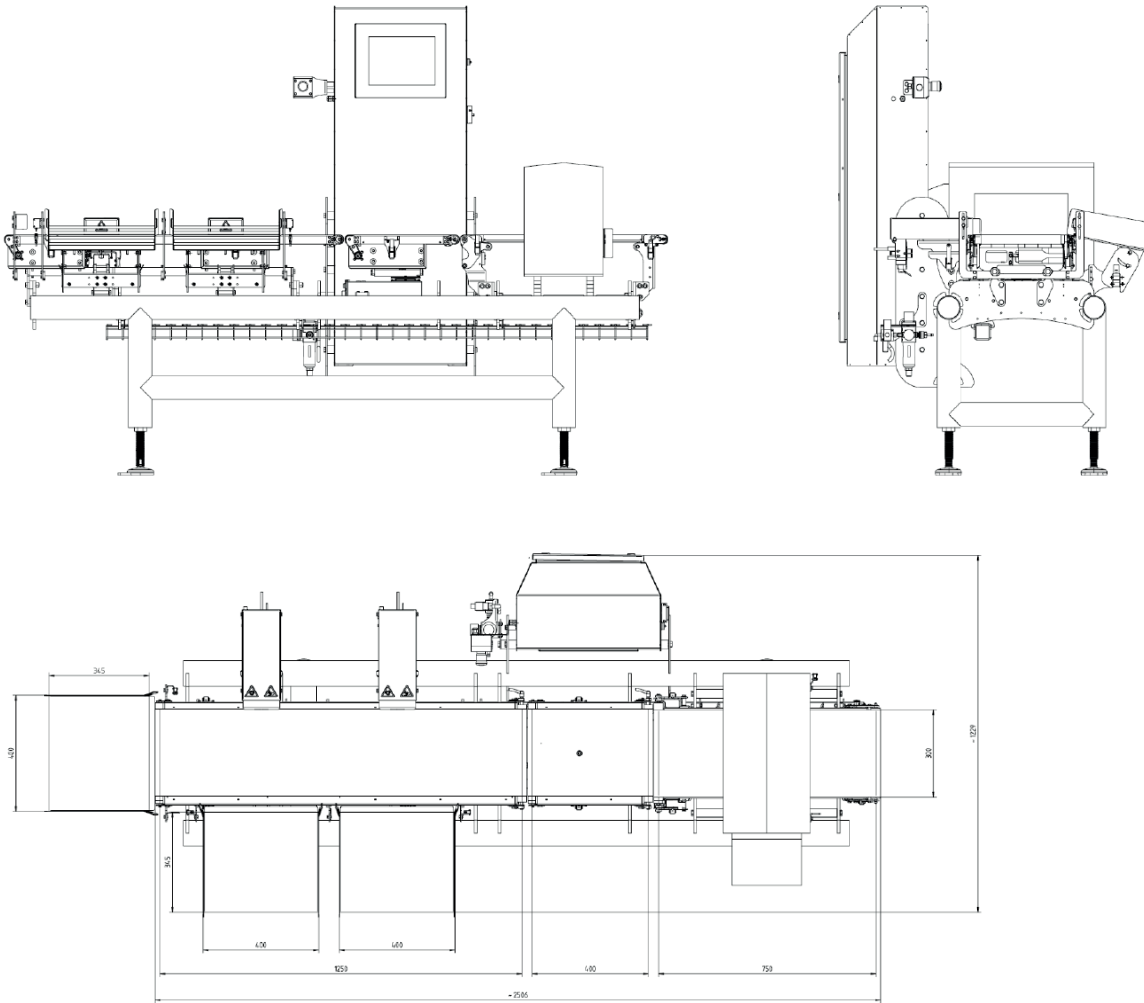
Strain gauge



Hygienic  
Design

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## Dimensions



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