

A close-up, high-angle photograph of a Bizerba Checkweigher CWF. The image shows the control panel at the top left with various buttons and a 'MODE' label. Below it is a yellow and black sensor unit with a red emergency stop button. The main weighing platform is visible at the bottom, showing the weighing mechanism and a metal block. The background is a plain, light color.

BIZERBA

closer to your business

Perfect weighing
of packaged goods ...

... Bizerba Checkweigher CWF

You too can improve quality with modern inline checks as required by packaging regulations and reduce give-away early on in the production process. Your guarantee of excellence in hygiene and 100 % product integrity.

Green light for greater transparency ...

Quality assurance from the top drawer

German food packaging regulations stipulate that food manufacturers must check all products that come onto the market for correct contents. The volume of contents must not fall below a mean level and this has to be documented consistently during the production process.

Bizerba CWF checkweighers optimise quality assurance of packaged goods. The system manages packaging flows by classifying and sorting goods according to freely definable or statutory weight categories. To do so, the checkweighers compare the measured weight with the reference weight stored in the database and eject packs which are too heavy or too light from the production line with pushers. In addition, all stored production data can be retrieved either on paper or in digital form.

Flexible, user-friendly, futureproof

Bizerba CWF checkweighers can be calibrated and are approved under the new Measuring Instruments Directive 2004 / 44 / EC (MID). This means that Bizerba Service can carry out initial calibration itself – from the time the equipment goes into service in the factory up to the MID conformity assessment on site with customer packs and in real production conditions. Thanks to a unique „teaching routine“ the products can be set up again at any time independently, without the need for subsequent official verification, without interrupting production again and including a calculation of the static-dynamic displacement of new packages.



The integration of metal detectors provides security of planning and investment well beyond the initial installation. Then for every product type there is the optimal ejection system, as well as lights, acoustic signals and a regulator to control upstream equipment. And if your requirements should change, your CWF grows along with them, as additional peripheral devices for product inspection or marking (e.g. the Bizerba inkjet printer BIJ-C) can be attached without difficulties.

A step ahead in terms of productivity and hygiene

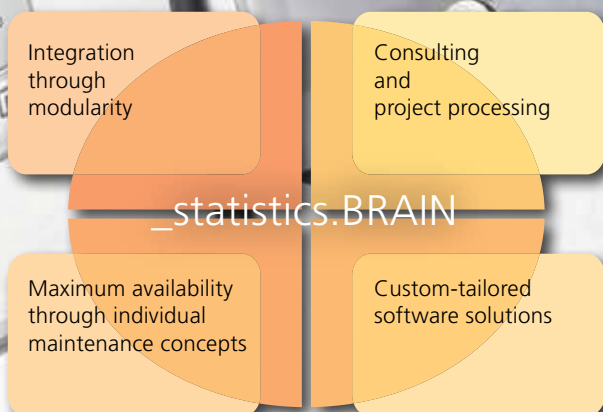


The checkweighers are made of stainless steel and are in the IP 65 safety class, making them suitable for use in what is known as the „grey area“, that is the hygiene-controlled area between open and packaged goods. Depending on their weight and size your Bizerba CWF can weigh up to 400 products per minute. And if a pack should break during production, it won't take long to clean up, because at the design stage we have eliminated unnecessary edges that trap dirt. Routine cleaning is just as quick and easy thanks to the specially developed quick-release system for the belts and casing.

Checkweigher CWF



Reinforce brand loyalty and competitiveness by producing your quality goods to your customers' satisfaction. Fill-level control and process regulation help you avoid complaints, save valuable raw materials and increase your profits.



Visualise data online

Select data for analysis and reporting

Store data

With **_statistics.BRAIN**, a CWF offers much more than the statutory requirement. In addition to the random sampling log required by food packaging regulations, trends and process capability can also be identified quickly using time-based statistics on materials, batches, shifts and alarm calls. By consistently optimising your processes you reduce costly overfilling, reworking and waste. Your benefit: Targeted cost reductions, greater customer satisfaction, less downtime, improved transparency and increasing yield.



Ergonomic touchscreen user interface

All the key figures at a glance

Operators, production director and management can access all the relevant information via a well-structured monochrome display with functional keys arranged by topics – or optionally via a 12.1" colour touchscreen. The process display features a bar chart showing the last n-packages and a Gauss curve that enables precise regulation to optimise the give-away. Thanks to the CWF multi-display concept several operating units can be placed at different points along on the production line, as remote displays for instance. Recent and long-term statistics can be visualised, stored and analysed using the integrated production log printer, the memocard, a standard USB stick or by using the Bizerba software _statistics.BRAIN.



Memory card and production log printer



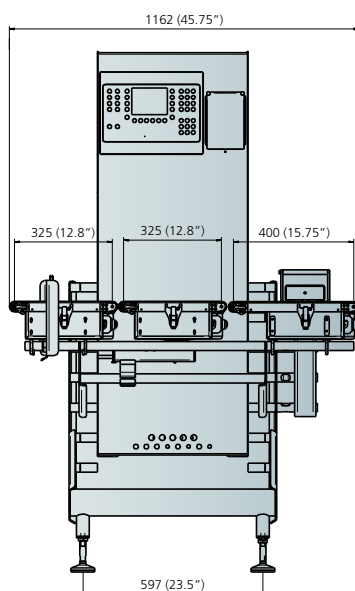
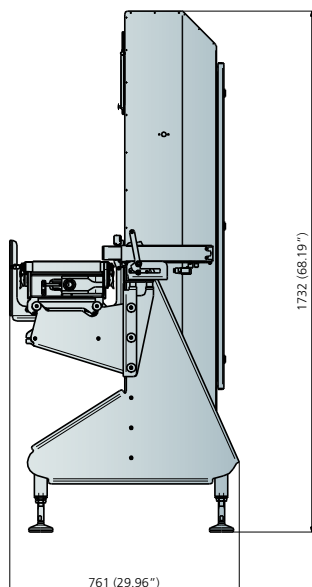
Ejection, here by pusher



Quick-release system for belts and casing



	CWF 1500	CWF 3000	CWF 6000	CWF 15000
■ Max. weight	600 / 1500 g	1500 / 3000 g	3000 / 6000 g	6000 / 15000 g
■ Min. weight (MID certified)	10 g / 20 g / 50 g / 150 g	50 g / 150 g	150 g	500 g
■ Resolution e	0,2 / 0,5 g, 0,5 g, 1 g	0,5 / 1 g, 1 g	1 / 2 g	2 / 5 g
■ Display resolution	0,2 / 0,5 g, 0,5 g, 0,1 g	0,5 / 1 g, 0,1 g	0,1 / 0,2 g	0,2 / 0,5 g
■ Max. speed	170 m/min	120 m/min	120 m/min	90 m/min
■ Transport height min./max.	600 - 1100 mm			
■ Transport direction	left-to-right / right-to-left			
■ Belt widths (BB)	100 / 150 / 225	225 / 300	300 / 400	300 / 400
■ Belt lengths (AA)	150 / 200 / 250 / 325 / 400	325 / 400 / 500 / 600	400 / 500 / 600 / 750	400 / 500 / 600 / 750
■ Standard display	5.7" QVGA with keypad			
■ Optional Display	12.1" SVGA colour touch screen with USB interface			
■ Rejection Systems	Pusher / Air-blown Pusher / Flipper / Catcher / Hatch Belt			
■ Interfaces	RS 232, Ethernet, I/O signals			
■ Options	Integrated printer, rejection countercheck, tendency control and lots more			
■ Protection class	IP 65	IP 65	IP 65	IP 65
■ Material	1.430 stainless steel			
■ Power supply	230 / 120 V 50-60 Hz 500 / 750 VA			
■ Operating temperature	0 bis + 40 °C	0 bis + 40 °C	0 bis + 40 °C	0 bis + 40 °C
■ Humidity	20 - 90 %, non-condensing			
■ Combo-machine	CWF with integrated metal detector CWF with integrated InkJet labelling			



Statistikdaten	
Anzahl geprüfter Pack. Np	332
Mittelwert gepr. Pack. X-p	77g
Standardabw. gepr. Pack. Sp	1g
Anzahl akzept. Pack. Na	330
Mittelwert akzept. Pack. X-a	77g
Standardabw. akzept. Pack. Sa	1g
leichteste geprüfte Packung	73g
schwerste geprüfte Packung	83g
leichteste akzept. Pack.	73g
schwerste akzept. Pack.	80g
Akzeptanzquote in Prozent	99
Pack. zw.TU1 u. TU2 in Pronille	0
Gewichtssumme der gepr. Packungen	25586g
Gewichtssumme der akzept. Packungen	25422g
Giveaway	342g
Giveaway	1x

Statistics print-out

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