

A close-up, high-angle photograph of a Bizerba CWE Checkweigher. The image shows the metallic weighing pan with a fine grid pattern, the weighing mechanism with several screws, and a roll of white paper tape. In the background, a blurred red and yellow emergency stop button is visible on the machine's control panel. The overall lighting is bright and clean, emphasizing the industrial precision of the equipment.

**BIZERBA**

■ ... closer to your business

■ ... Top Quality Assurance...

... Bizerba CWE Checkweigher

The new CWE Checkweighers from Bizerba can be calibrated to optimize the quality assurance of pre-packed, pre-weighed foods. As part of a system they control packaging flow by classifying and sorting products based on a weight class either legally defined or defined by the user.

...Optimal efficiency with increased precision...

And even more: full documentation of the recorded production data is available digitally or on paper.

#### Record-breaking Food Packaging?

Depending on the packaging, environment and customer-specific requirements, the Bizerba CWE systems manage a belt speed of up to 120 meters/min for weights between 10g and 15,000g. Cleaning the quick-change belt system, designed by Bizerba, is uncomplicated. No detail has been neglected. All assembly parts are made of stainless steel, comply with the newest electrical safety regulations and meet the highest demands for simple maintenance, safety and usage. The CWE's are the first checkweighers to have been authorized based on the Measuring Instruments Directive (MID) 2004/22/EG. This makes Bizerba Service the ideal partner for the whole process: from the first on-site commissioning to the final MID conformance evaluation of customer packaging under real operating conditions. The unique "Teaching Routine" allows products to be added any time later on without a subsequent official calibration inspection. There are no production stoppages, not even to determine the static-dynamic offset of the new packages. The result is a doubling of the flow-rate up to a maximum of 400 packages per minute.





### Newly defined modular concept

With their modular construction, the Bizerba CWE systems are fully adaptable in the production lines. For example, the belt direction and transport height can be easily adjusted on-site. Security on investment and planning, beyond the initial installation, is given by integration of metal detection. In addition each type of product has its own optimal cutting system, visual and acoustical signals and tendency control system for the modules connected to the system. And as your requirements change the CWE can change with you: additional peripheral modules for production control or labelling (e.g. the Bizerba InkJet BIJ-C ink jet printer) can be easily integrated into the system. The wide range of possible belt dimensions (150 to 750 mm long and 100 to 400 mm wide) not only offers the unlimited realisation of production line ideas, it also ensures the machine is fit for future applications.

### All important data at a glance

The operators, production supervisor and management can access all relevant information via a well-designed monochrome display with the function keys organized on themes, or an optional 12.1" colour touch screen. The range of features includes a digital speedometer, a histogram of the last n packages and a Gaussian distribution. The latter allows intelligent optimization of the Give-away lists. Thanks to the CWE multi-display concept, a number of operating units e.g. for remote display, can be set up at different places along the production line. Short and long term statistics can be viewed, evaluated and stored using the integrated strip printer, a memory card, a USB stick or the Bizerba Software \_statistics.BRAIN.



**Quick-change  
belt system**



**USB stick and strip printer  
for data records**

**Common operation, data management and software tools are important features of the new CWE Check Weigher series. A service agreement which includes integration consultation, individual maintenance plans and customized solutions means they are optimally combined into the Bizerba network.**

# BIZERBA CWE

## ...Defining then generating quality...

Thanks to \_statistics.BRAIN, the CWE offers a lot more than the minimum legal requirements. Reports on the random testing for packaging conformity and statistics about materials, machines, batches, shifts and alarm messages, including a time stamp, can be generated. This allows trends and process efficiency to be detected quickly. Your advantages are targeted cost reductions, greater customer satisfaction, few stoppages, more transparency and increased profits.

*Printing the data as statistics*



*On-line visualization of data  
Selective data evaluation and data reporting  
Data backup*

Integration  
through  
modularity

Consulting  
and  
project processing

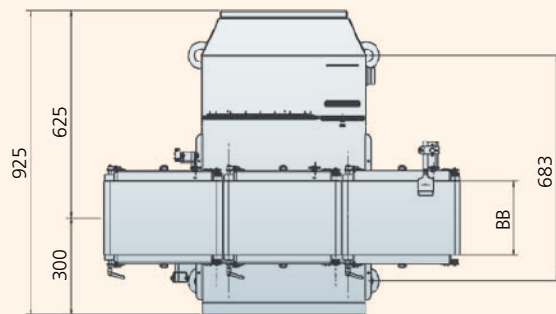
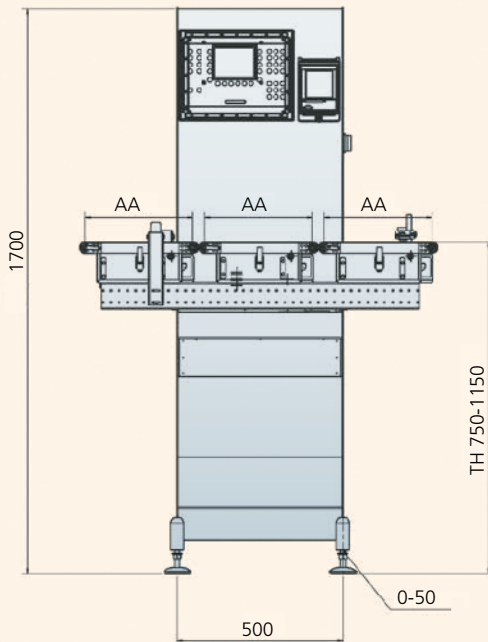
Maximum availability  
through individual  
maintenance concepts

Custom-tailored  
software solutions

## Statistics print-out

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 Promille	0
Gewichtssumme der gepr. Packungen	25586g
Gewichtssumme der akzept. Packungen	25422g
Giveaway	342g
Giveaway	1x

	CWE 1500	CWE 3000	CWE 6000	CWE 15000
■ <b>Max. weight</b>	600/1500 g	1500/3000 g	3000/6000 g	6000/15000 g
■ <b>Min. weight (MID certified)</b>	10 g	50 g	150 g	500 g
■ <b>Resolution e</b>	0,2/0,5 g	0,5/1 g	1/2 g	2/5 g
■ <b>Display resolution</b>	0,02/0,05 g	0,05/0,1 g	0,1/0,2 g	0,2/0,5 g
■ <b>Max. speed</b>	120 m/min			
■ <b>Transport height min./max.</b>	750-1150 mm			
■ <b>Transport direction:</b>	left-to-right / right-to-left			
■ <b>Belt widths (BB)</b>	100/150/225	225/300	300/400	400
■ <b>Belt lengths (AA)</b>	150/200/250/325/400	325/400/500/600	400/500/600/750	500/600/750
■ <b>Standard display</b>	5.7" QVGA with keypad			
■ <b>Optional Display</b>	12.1" SVGA colour touch screen with USB interface			
■ <b>Rejectionsystems</b>	Pusher/Air-blown Pusher/Flipper/Catcher/Hatch Belt			
■ <b>Interfaces</b>	RS 232, Ethernet, I/O signals			
■ <b>Options</b>	Integrated printer, rejection countercheck, tendency control and lots more			
■ <b>Protection class</b>	IP 65			
■ <b>Material</b>	1.430 stainless steel			
■ <b>Power supply</b>	230/120 V 50-60 Hz 500/750 VA			
■ <b>Operating temperature</b>	0 - +40 °C			
■ <b>Humidity</b>	non-condensing			
■ <b>Combo-machine</b>	CWE with integrated metal detector CWE with integrated InkJet labelling			



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