Fact Sheet
CWEmaxx 1500

BIZERBA

Our high-performance checkweigher ... CWEmaxx is designed for up to 400 packages per minute. This all-rounder can be used for products weighing between 10 g and 15 kg and allows many applications thanks to IP65 protection.

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

Specifications	Facts	Details			
Weighing data	Weighing range: 1000 - 1500 g	600 | 1000 g	600 | 1500 g	1500 g	1500 g
	Division value d: 0.1 - 0,5 g	0.2 g | 0.5 g	0.2 g | 0,5 g	0.5 g	0.1 g
	Verification scale interval e: 0.2 - 1 g	0.2 g | 0.5 g	0.2 g | 0,5 g	0.5 g	1 g
	Minimum load: 10 g - 150 g	10 g	20 g	50 g	150 g
Performance	max. throughput: 219 - 400 packages per min.	depends on the length of the weighing conveyors			
	max. belt speed: 5 - 170 m/min	depends on the length of the weighing conveyors			
	min. belt speed: 5 m/min				
Device design / material	Stainless steel	1.4301			
Display / control panel	12.1" SVGA color touch screen				
Interfaces	USB, EDP 1, 8 inputs, 8 outputs, Ethernet	EDP 1 (RS 232 or RS 422 or TTY)			
Protection class	Conveying conveyor	IP65			
	Switching cabinet	IP65			
	Display unit	IP65			
Conveying	Conveying direction	right to left | left to right			
	Conveying height	750 - 1150 mm			
Conveyors	Conveyor width: 100 - 225 mm	100, 150, 225 mm			
	Conveyor lengths:	lengths always in wheelbase:			
	Weighing conveyor length: 150 - 750 mm	150, 200, 250, 325, 400, 500, 600, 750 mm			
	Infeed conveyor length: 150 - 750 mm	150, 200, 250, 325, 400, 500, 600, 750 mm			
	Ejecting conveyor length: 150 - 1250 mm	150, 200, 250, 325, 400, 500, 600, 750,1000, 1250 mm			
	Belt colors: white and blue	white as standard and blue as an option available			
	Roller diameter: 22 mm	Aluminum rollers, hard coated surface			
	Conveyor frame and quick belt release system				
Environmental conditions	Operating temperature	+0 °C to +40 °C			
	Humidity	20 - 90% non-condensing			
Energy supply	Supply voltage	100-240 V; 50/60 Hz			
	Power consumption	500-750VA			
	Pompressed-air supply	6 bar			
Software licenses	STATISTICS	to generate statistics			
	WEIGHT_CLASSES	to classify more than three products			
Software versions	Software Codepage	data communication (texts & strings)			
	Software UNICODE	data communication (texts & strings) in UTF-8 code			

Marks & Spencer	Software support for the M & S requirements Version October 2014	hardware supply available as option on project
More features	Article memory Weight classes Remote maintenance Web interface Sending of status e-mails	100000 80

Options	Facts	Details
Metrological approved according to OIML R 87	Control of prepackaged products, type approval only for weighing conveyor length from 150 mm to 400 mm	The checkweigher are metrological approved according to the accuracy class XIII (1) and suitable for German prepack regulations.
Metal detector	Integrated metal detector	Operation of the metal detector is done from the display of the checkweigher.
	Metal detector conveyor length	750 mm
Control panel	7" color display with membrane keyboard	WVGA (800x480)
Separation conveyor	150 | 200 | 250 | 325 | 400 | 500 | 600 | 750 mm	lengths always in wheelbase
Ejecting systems	Air blast ejector pusher	further separating systems on request as a project
Reject bins	Stainless steel Dimensions (L x D x H)	150 | 200 | 300 | 400 x 300 x 750, opening 200 mm 250 | 350 | 500 x 310 | 410 x 750, opening 250 mm
	Reject bin full control	light barrier
	Reject confirmation	1 light barrier or 4 light barriers
	Lock for reject bin door	available as bar or lock
	Reject bin door status	the system will stop after a set time when the reject bin door keeps opened
Log strip printer	Mounted on the switching cabinet	including LINE_PRINTER license and serial interface
Emergency stop	Emergency stop with belt shutdown	mounted to main column, turns off belt drives
	Emergency stop with pneumatic & belt shutdown	turns off pneumatic system and conveyors
Signal lamps	2-colored 3-colored	red = fault, green = device okay red = fault, yellow = stop, green = belts running
Emergency operation function	The conveyor belts of the checkweigher can be started manually, even if the operating and control unit have failed.	To secure the production flow, the belts run (without weighing function). Operation via extra module in the switching cabinet with adjustable belt speeds.
Tendency control kit	incl. license Tendency Control and relays	
Line integration kit	Standard: 3 outputs via relays and 1 input	
Package flow control	with 1 light barrier	

Draft shield	Top Bottom	reduces disturbing influences by airflow
Guide rails	Available for all lengths of belts	
Belt transition	Available for all widths of belts	closes gaps between belt bodies
Compressed air monitoring	The system will stop at drop in air pressure	
Software licenses	BRIDGE+MC_BUFFER EICHFÄHIG_X1 ETHERNET ONLINE SOFTCONTROL TENDENCY CONTROL LINE_PRINTER	for buffering data in the event of LAN / pc failure according to OIML R 87, incl. conformity evaluation ethernet connection via TCP / IP communication via the Gx-Net via ETHERNET to operate from a second workplace for the regulation of filling machine (without relay) is required for external printer

Infographic

Symbols

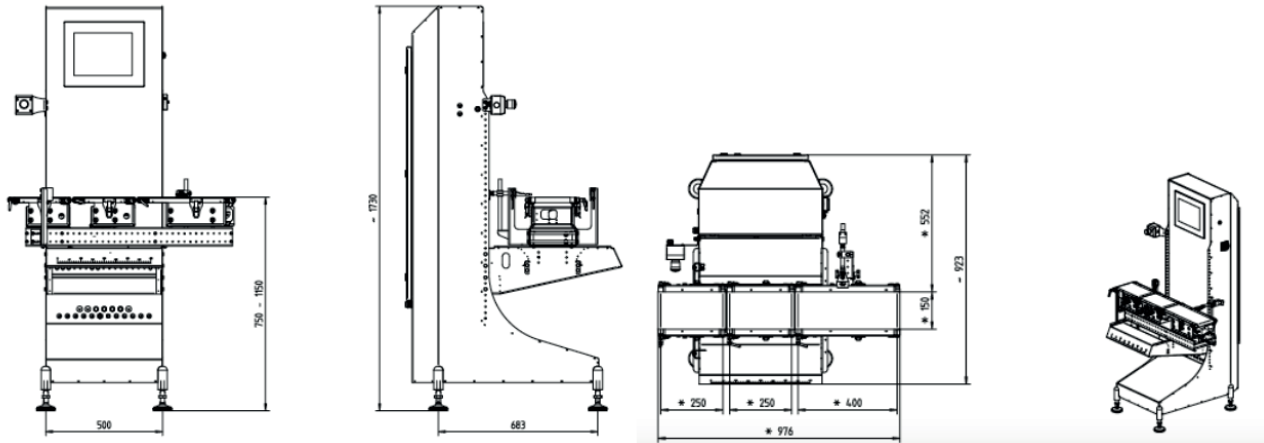| 400PPM | Protection class IP65 | UNICODE | e (metrological approved) | Stainless Steel | EMFR |

Dimensions