Fact Sheet
CWL-L

BIZERBA

The dynamic in-motion scales of the CWL series are specifically designed for the requirements in the logistics industry. Even in case of high speeds or high loads the verifiable checkweighers or catchweighers provide accurate weighing results. Design your individual solution with the variety of models and options.

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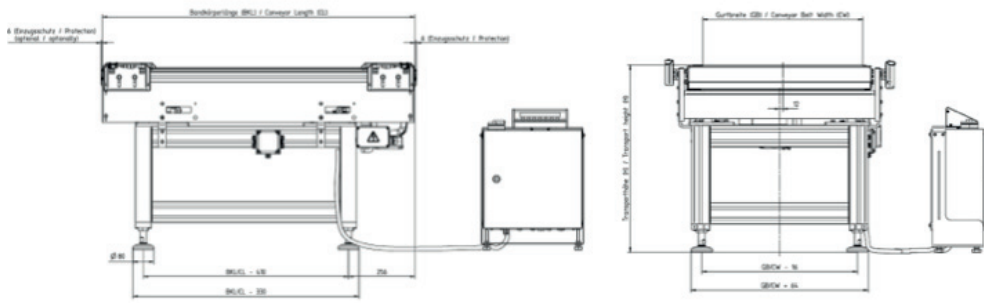High performance with a wide range of solutions and options.

Specifications	Facts	Details
Applications	– Automatic scale/catchweigher for individual weighings (ACW) with Y(a)/Y(b), also postal; combinable with WM-L, iS30-L and iS50-L – Automatic checkweigher (AChW) with XIII(1)/XIIII(2); combinable with iS30-L and iS50-L – Combined application Y(a)/XIII(1) or Y(b)/XIIII(2); combinable with iS50-L, see graphics page 3	Metrologically approved version in accordance with MID up to 3200e
Device version	Aluminum IP54 protection 4-cell technology	Max. 20 degree tilt possible
	Metrologically certified	OIML, GUS, NTEP More upon request
Weighing terminal	WM-L	Optionally with – mini display or external display and operating keyboard as metrology display
	iS30-L iS50-L	– Stand – Stand
Control cabinet	remote-controlled	Control cabinet optional with fastener
Network interfaces	RS422 RS232 Ethernet 10/100 MB USB master for keyboard, mouse, data export, scanner in keyboard loop Profibus-DP Profinet I/O Availability depending on weighing terminal see graphics page 3	
Static inputs/outputs	I/O (4/4)	Optional I/O (8/8) – Outputs: lmax=50 mA at 5-30 V DC – Inputs: Imin=1.3-11.3 mA at 5-30 V DC – Individual function assignment for all input and output signals – Flexible signal hold / delay times – Flexible signal levels: active high or active low
Analog output	Optional	16 bit 0/4-20 mA or 0-10 V
Supply voltage	230 V/50 Hz	Optional 24 V AC/DC
Operating temperature	0 °C to 40 °C	
Humidity	20 - 90%, non-condensing	

Weighing ranges		Minimum load
	30 kg/10 g	Y(a/b): 200 g/Y(a/b), for postal services: 50 g
	32 kg/10 g	XIII(1)/XIIII(2): 2000 g
	60 kg/20 g	Y(a/b): 400 g/Y(a/b), for postal services: 100 g
		XIII(1)/XIIII(2): 2000 g
Protective guard	On the sides and on the drive roller	Optional protective guard on guide roller

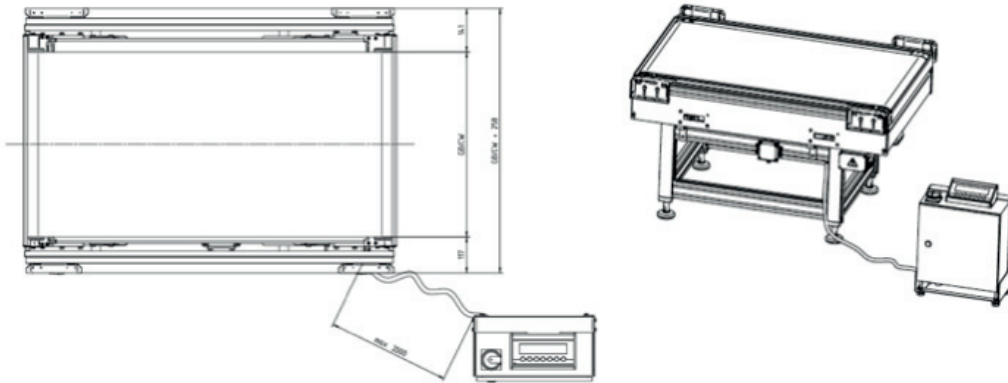| Options	Facts	Details
Belt dimensions	Belt dimensions flexibly combinable Belt length: max. 3,000 mm Belt width: max. 1,200 mm	Special dimensions possible
Conveying heights	420-525 mm 475-625 mm 575-725 mm 675-825 mm 775-925 mm	Special heights possible
Conveyor speeds	0.20-0.60 m/s 0.50-1.30 m/s 1.20-3.10 m/s	
Motor mounting	In conveying direction right or left	
Light sensors	Sensors and reflectors not included in scope of delivery	Optional – Sensors and reflectors are part of scope of delivery (standard light sensor from 20 mm package height) – Universal bracket for light sensors and reflectors – Additional light sensors – Light curtain at a package height < 20 mm – Additional light curtain
Frequency converter	In control cabinet	Frequency converter can be supplied by Bizerba or provided by customer

Matrix

	Metrology in-motion weighing								Interfaces								Digital inputs/outputs						Analog Outputs			Programmable logic controller (PLC)	Max. numbers of weighing plattforms
	Y(a)	Y(b)	Y(a) post.	Y(b) post.	XIII(1)	XIII(2)	Y(a) u. XIII(1)	Y(b) u. XIII(2)	RS422 galvanically isolated	RS232 not galvanically isolated	RS232 galvanically isolated	Ethernet 10/100MB	Profibus	Profinet I/O	USB Service	USB Master	first interface card 4x4	first interface card 8x8	second interface card 4x4	second interface card 8x8	third interface card 4x4	third interface card 8x8	first output	second output	third output		
Weighing module																											
WM-L	●	●	●	●	-	-	-	-	●	-	○	○	○	○	●	-	●	○	-	-	-	-	○	-	-	-	1
Weighing terminal																											
iS30-L	●	●	●	●	●	●	-	-	○	●	○	●	○	○	○	○	●	○	○	○	-	-	○	○	-	-	2
iS50-L	●	●	●	●	●	●	●	●	○	-	○	●	○	○	●	●	●	○	○	○	○	○	○	○	○	○	tbd

CWL-L	Minimum load capacity				PPR
30 kg / 10 g	200 g	100 g	50 g	2000 g	6,670 kg
32 kg / 10 g	200 g	100 g	50 g	2000 g	6,670 kg
60 kg / 20 g	400 g	200 g	100 g	2000 g	20,00 kg

● Standard
○ Option
- not available

Dimensions CWL-L

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