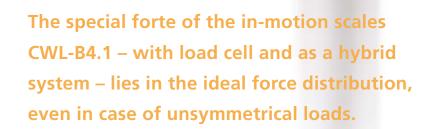


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... Flexibility rated very highly ...









Belt scales, type CWL-B4.1

Basic unit consisting of

- AT200ECO display (table version)
- AWE BR201F evaluation electronics fitted in a die-cast aluminium housing
- Belt conveyor made of aluminium
- Drive and deflection pulley made of steel; end pieces made of stainless steel, diam. 80 mm
- Silk-screen plate as a transport plate
- Load carrier B4.1 ED 20 two-wire pick-up
- Base made of painted or galvanised steel, height adjustable +/- 50 mm
- 600 mm, 700 mm, 800 mm ± 50 mm: minimum working height (FOK) 400 mm
- Belt conveyor, type Siegling E5/2, black
- Belt drive SEW Motor 3 x Ph 380 VAC/50 Hz/0.37 kW to 1.1 kW
- Type of protection IP54
- Two light barriers, type Sick, type WL100
- Interfaces RS 232, RS 422, RS 485
- Belt speed up to 1.5 m/s

- Sensor technology
- Weight range
- Maximum overload
- Minimum reading
- Scale interval
- Max. scale interval
- Min. calibration value
- Belt speed
- Properties
- Use
- Application

- B4.1-ED60 Hybrid,
- Bridge size 800 x 635 mm (L x W)
- 15/30/60/150/300 kg
- 50 per cent of maximum weight range, corresponds to 2.2 kN
- 1 g (at a weight range of 30 kg)
- 1500/3000 n
- 30000 n
- e = 10 g officially calibrated
- Standard up to 1.5 m/s
- Max. 2.75 m/s at a belt length of 2500 mm

High resolution independent of G

For critical and demanding projects Chaotic product sequence with

difficult ambient conditions:

- Integration in parcel sending and sorting systems
- Integration in feed lines
- Sorting applications





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Overview CWL-B4.	.1	X kg/3000 d	Load capacity	Calibration value Official calibration		calibration	Permissible	Permissible
		n=e=X g	kg	of the load ce	I		maximum	maximum
		+/- deviation	+/- deviation	e=g			+/- deviation	+/- deviation
		CWL-B4.1-30	30	10		Yes	± 2	± 20
		CWL-B4.1-60	60	20		Yes	± 2	± 40
		CWL-B4.1-150	150	50		Yes	± 2	± 100
		CWL-B4.1-300	0	100		Yes	± 2	± 200
Example CWL-B4.1-30		30 kg/3000 d	Load capacities	Load capacity	Interv	val values	Permissible	Permissible
		n=e=10 g	in n intervals	in kg		n	maximum	maximum
							+/- deviation	+/- deviation
		DLW60-30	0-500	0-5	3	3000	± 1	± 10
		30 kg/3000 n	500-2000	5-20			± 1.5	± 15
		n=10 g	2000-3000	20-30			± 2	± 20
Working height		600 mm +/-50 mm	700 mm +		-50 mm 8		300 mm +/-50 mm	
■ Belt dimensions								
belt length		900 mm	1000 mm	1200 mm	1400 mm	1600 mm	1800 mm	2000 mm
belt width 400) mm	х	x	x	х	-	-	-
500	mm (х	x	х	х	x	-	-
600	mm (х	x	х	х	x	х	x
							¥	
800) mm	-	X	X	X	Х	X	X

Mechanical accessories

- Additional inlet or outlet belt
- Base painted in RAL colour
- Surcharge for special working height (FOK)
- Side guide, left and right
- Transition sheet metal
- Roller belt conveyor
- Sorting plate
- Surcharge for in-motion scales made of stainless steel
- Frame for inclines of a maximum of 10°
- Switch cabinet mounted to base

Electrical accessories

- FU, MoviTrac in switch cabinet 3-380 VAC-20 % -480 VAC+10 %
- MoviMot with bus connection, Profibus
- Checkweigher function three potential-free signals

- Large display / 10 keyboard AT200ST
- Lamp, triple
- External horn
- External fault input, potential-free
- No stop, potential-free contract
- Emergency shut-down, mushroom type, drives motors are de-energised
- Preparation for UL and CSA approval with corresponding documentation
- Power mains transformer 110 VAC/60 Hz
- Ethernet TCP/IP
- Profibus DP (MBM)
- Static I/O ports, potential-free 24 VDC
 - 8 outputs, enable release, status signals
 - 8 inputs, start, stop, emergency shut-down, reset
- Brake resistance for FU
- Power supply unit 24 VDC 1 A
- Field bus distributor with MoviMot for motor actuation by Profibus, ASI, Ethernet interfaces
- Light barrier as a light curtain (Sich 8x light barrier)

Members of the Bizerba Group

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