

CK Series

High reliability for heavy loads



Increase productivity

The clear multi-line VFD display allows for quick information at a glance. It can show more operation information and is easily readable in low light conditions.



Protects your investment

The rugged, compact structure design makes this weigher the optimum solution for harsh environment, to prolong the service life and protect your investment.



Diversity

Five models give you the best choice for your application. Beside the model CK100 for loads up to 100 kg there are models for loads up to 10, 15, 30 or 60 kg, respectively.

CK Series

The CK caseweigher series is a very cost effective and easy to use dynamic weighing solution. Easy operation allows for quick parameter settings and product changeover, thus enhancing user convenience. Five models with different maximum loads are available, up to 100 kg. Size and height of conveyor can be customised according to individual requirements.

Mainly used for completeness checking of multipacks and weight capture of large packages or cases. Continuously variable belt speed. Transport direction can be selected on site.

Technical data

CK Series

– Very reliable and robust entry level model

Characteristics

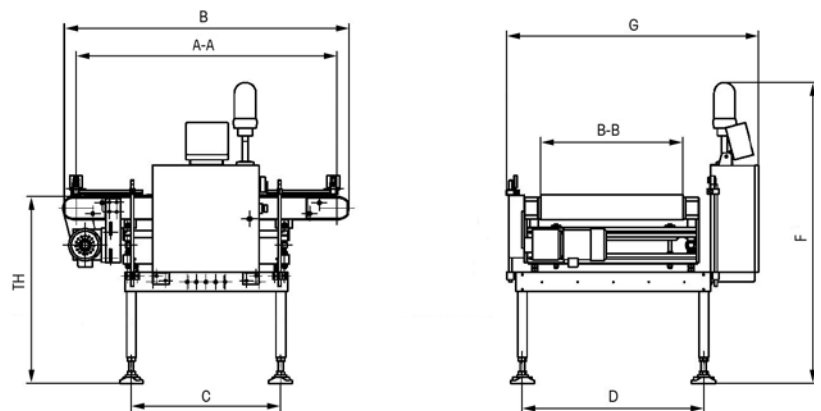
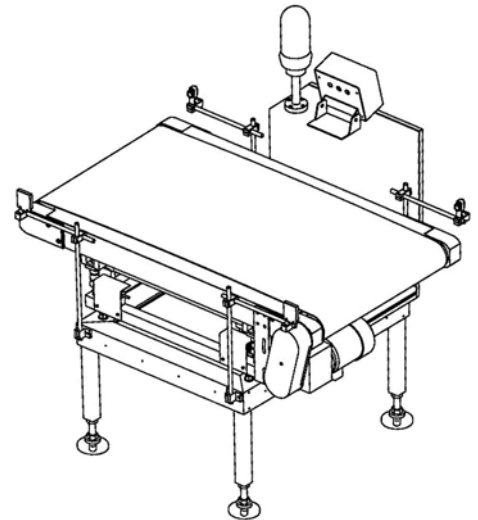
- Manual or automatic re-zero
- Classification into 3 weight zones
- Light signal with horn for underweight and overweight
- Interface RS 232 for individual weight data
- 25 product presets (article memory locations)
- 5 programmable softkeys for fast access to the operation menu
- 3-level password protection, configurable user names
- Operating temperature -10 to +40 °C
- Electrical ratings 200 to 240 VAC, single-phase, 50/60 Hz

Weighing terminal

- Type IND560dyn
- Stainless steel housing

Options and accessories

- Individual pusher or swing gate rejection unit, for gentle rejection of out-of-tolerance items
- Infeed/outfeed conveyor
- Emergency stop push-button to comply with health and safety at work regulations
- Special height (for adaptation to line height)
- Signal light pole with 3 lights to indicate the classification in 3 weight zones
- Ethernet/IP interface
- ProfiBus DP (slave) interface
- Multi-evaluation via barcode



Schematic CK – typical dimensions in mm

Technical details	CK10	CK15	CK30	CK60	CK100
Weigh Range	1 - 10 kg	1 - 15 kg	1 - 30 kg	1 - 60 kg	1 - 100 kg
Resolution	1 g, 5 g	5 g	5 g, 10 g	5 g, 10 g	10 g, 20 g
Accuracy (at 3 Sigma)*	±5 - 10 g	±5 - 10 g	±20 - 50 g	±10 - 30 g	±10 - 30 g
Throughput, max.	80 pcs/min	80 pcs/min	60 pcs/min	60 pcs/min	50 pcs/min
Weighing Conveyor Length (A-A) (mm)	500, 600	500, 600	600, 800	800, 1000	1100, 1200
Weighing Conveyor Width (B-B) (mm)	400, 300	400, 300	400, 500	400, 500	600
C	430 mm	430 mm	A-A - 210 mm	600 mm	600 mm
D	B-B + 90 mm	B-B + 90 mm	B-B + 230 mm	B-B + 70 mm	B-B + 154 mm
E	A-A + 57 mm	A-A + 57 mm	A-A + 70 mm	A-A + 70 mm	A-A + 95 mm
F	TH + 428 mm	TH + 428 mm	TH + 352 mm	TH + 422 mm	TH + 402 mm
G	B-B + 425 mm	B-B + 425 mm	B-B + 549 mm	B-B + 389 mm	B-B + 489 mm
Line Height (TH)	550 - 900 ±40 mm	550 - 900 ±40 mm	600 - 900 ±40 mm	600 - 900 ±40 mm	600 - 900 ±40 mm
Motor power	0.25 kW	0.25 kW	0.25 kW	0.55 kW	0.55 kW
Ingress protection	IP55	IP55	IP55	IP55	IP55
Humidity	10 - 80 %	10 - 80 %	10 - 80 %	10 - 80 %	10 - 80 %

* depending on the weight, dimensions and transport behaviour of the product to be weighed



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