



LWS 1400 - Liebel Weighing System

**Compact all polished stainless steel checkweigher
for cost-effective in-line monitoring.**

- For dependable weight-control within automated production lines in the range up to 5.0 kg
- Freely adjustable transport height and conveying speed, with modest space requirements
- Optional use for the control of volume-dosing systems and possibility of automatic adjustments of filling levels



Illustration shows:
LWS 1400 BF
for the use with
baking forms

LWS 1400 Liebel Weighing System

System Description

- Stainless steel housing with integrated operating system
- Quick-acting fasteners enable the change of conveyer-belts within a few seconds (without using tools)
- Width of conveyer-system 150, 200, 250 or 300 mm
- High resolution 6.4" TFT-display with easy intuitive functions
- Standard weighing range of up to 5.0 kg, higher weight ranges available on demand
- IP 65 protection
- Polished stainless steel surfaces and generous floor clearance greatly facilitate cleaning
- Modern PC-compatible operating system based on PC-104 technology
- Memory function for 100 different product sets
- Freely adjustable conveying speed with variable transport height
- Automatic zeroing
- Free choice of languages
- Programmable multi-function key
- Five fold classification (Simultaneous classification of up to five different products)
- Security system for power-failure with data memory
- Password protected

Technical Options

- Statistics program with built in printer
- Free standing conveyer for manual product "feed-in" (830 mm)
- Pneumatic rejecter, blow off device or flap
- Opto-acoustical alarm
- IP 66 protection
- Data output to host computer or interface for external printer
- Trend control for automatic control of filling levels or slicers
- Optional service free, electronically commuted motors

Machine Options

LWS 1400 – BF With stainless steel-chain conveyer-system and integrated lift-off weigh-bridge. For weight control of filled forms after filling machines.

LWS 1400 – H Integrated lift-off weighing system for the integration into existing roller- or chain-conveyers. This specially developed LWS checkweigher allows for a complete control of products without interrupting current conveyer systems.

In the case of too little spacing between products the lift-off device can also be designed to follow the product-flow.

Technical Data

Length in total	850 mm Standard
Width in total	650 mm Standard (width of belt 150 mm)
Weight	approx. 200 kg
Weighing range	0 g ... 5000 g
Unit of division	from 0,2 g
Working height	700 - 1100 mm
Belt width	von 150 mm to 300 mm
Transport speed	from 10 to 60 m/min.
Power supply	115/230 V 50 Hz
Pressure supply	6 bar
Throughput max.	250 pcs/min. depending on product
Temperature range	0 to 40 degrees Celsius

Technical Drawing

