



CW-5000 Checkweigher Machine

The CW-5000 by the internationally recognized manufacturer DIBAL is a high-speed, high-accuracy product weight control machine (checkweigher), suitable for a wide range of products and easy to operate. Product changeovers, as well as adjustments to product details, are carried out quickly and easily with minimal downtime. The operating keys are integrated into the screen, eliminating the need for an external keyboard. It features a high-specification conveyor system designed for easy cleaning and maintenance. There is also the option to integrate a rejection system for out-of-spec products (underweight and overweight).

Technical Specifications:

- Construction made of AISI 304L stainless steel and anodized aluminum.
- Minimal maintenance requirements, with excellent ease of cleaning
- High productivity, up to 120 pieces per minute
- Option to integrate an automatic rejection system for out-of-spec products using a pusher (optional).
- Ingress protection rating IP54 for the entire machine (IP65 for load cells, sensors, and servo motors).



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Maximum weighing capacity, g	6000
Weighing accuracy, g	± 2
Estimated throughput, pieces/min	80
Maximum mechanical weighing speed, pieces/min	120 (depends on the product)
Total conveyor length, mm	880
Conveyor width, mm	280
Conveyor height, mm	850-950
Maximum air consumption, l/min	150 (Air pressure 6–8 bar)
Power supply, V/Hz	220/50, 1-ph
Machine dimensions, mm	880 × 80 × (1485–1895) (L × W × H)