PW-12 Powered Weigh Table Checkweigher

For Wide Range of Flexible or Rigid Packages and Containers

The Alpha PW-12 Checkweigher is ideal for accurately weighing containers and packages up to 8 lb., 14" in length and 8: wide. They can operate at speeds of up to 200 containers per minute with an accuracy of ±0.25 gram.

Excels at Flexible Packaging

Pouches, bags, and other unsupported or irregularly shaped packages pose a problem to conventional checkweighers that use chains or bands as a conveying medium. Not so to the Alpha PW-12, whose weigh table is rigidly constructed and whose weigh table belt, pulleys, and gearhead drive motor are all balanced to ensure accurate, reliable weighing of flexible packages. A continuous, programmable variable speed conveyor provides constant torque.

Complements Form-Fill-Seal Systems

The Alpha PW-12 is an excellent add-on to a Form Fill and Seal system. Because pouches exiting a Form Fill and Seal machine are often contorted, an Alpha PW-12 with optional infeed and outfeed conveyors will ensure proper spacing to accurately weigh all packages and to reject any that are "out of spec." A variety of communications choices are available for providing weight correction feedback to the filler to enhance filling accuracy.

Powerful, Easy-to-Use Controls

All weighing operations are controlled by the Alpha PW-12's flexible CW700 system, which is easy to integrate with data networks. The system features a user-friendly, graphical color touch screen and a simplified menu and selection structure for all operating functions. Up to 25 different set-ups can be entered for each size, weight, container, or package. There are no confusing programming steps when changing products, sizes, or weights. An exclusive automatic calibration feature determines all relevant operating parameters for optimum accuracy and checkweighing efficiency. For at-a-glance updates, the Alpha PW-12 features a large character weight display and easy-to-see tower lights.

Performance Data

Package Weights: 2730 grams per package

Package Sizes: 14" long by 8" wide; other sizes available
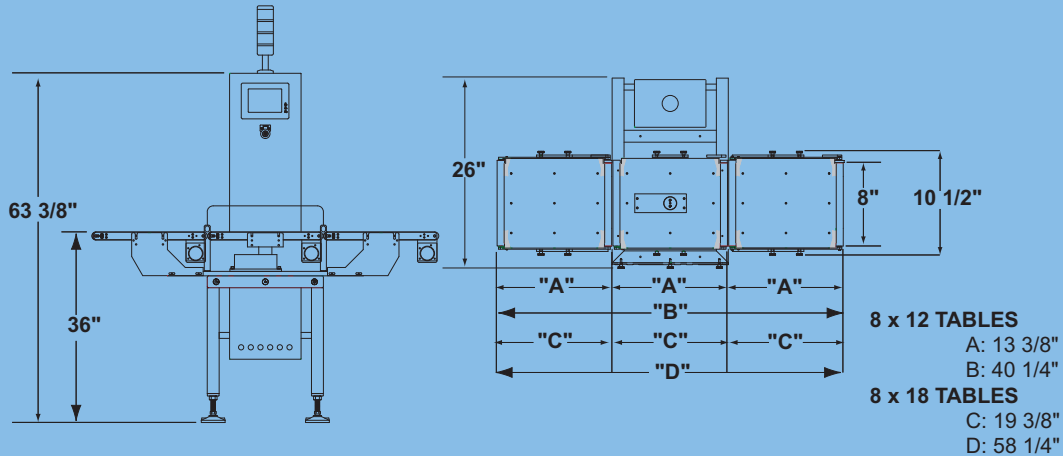
Line Speeds: Up to 220 packs per minute

Accuracy: ±0.25 gram

ALPHA CHECKWEIGHERS

418 Creamery Way • Exton, PA 19341 USA
(877) GO-ALPHA • Fax: (610) 524-7346

MEMBER
PMMI
USA

Dimensions

26"

63 3/8"

36"

8"   10 1/2"

"A"   "A"   "A"
"B"
"C"   "C"   "C"
"D"

8 x 12 TABLES
A: 13 3/8"
B: 40 1/4"
8 x 18 TABLES
C: 19 3/8"
D: 58 1/4"

Specifications

Construction — Standard, Stainless Steel Wash down, Special
Direction of Travel — Left to Right, Right to Left
Conveyor Chain — Nylatron, Poly Steel
Conveyor Belt — 8x12, 8x18, Custom
Guide Rails — 1, 2
Container Transfer — Roller, Dead Plate
Weigh Zone — 3, 5, Special
Container Sensors — Horizontal, Vertical, Other
Controls — PLC/Touch Screen HMI, Other
Control Mounting — Remote, Standard, Pedestal, Rotated 180°

Control Finish — Stainless, Painted
Data Output — RS-232, RS-422, Other
Feedback — Contact Closure, Digital, Dual/Single Head Filler, Custom
Reject Device — Bopper, Pusher, Signal (only), Swing Gate, Special
Reject Location — Outfeed Conveyor, Checkweigher, External
Reject Direction — Front, Rear, Special
Infeed — Side Belt, Dual Stage Accelerator, Timing Screw, Filler, Incline
Discharge — Chain, Belt, Side Belt, Metal Detector, Other

Specifications subject to change without notice.

Other Models

CW-10
Weight Range: 2730 gr.
Production Rate: 250/min.

HW-15
Weight Range: 125 lb.
Production Rate: 50/min.

MW-16
Weight Range: 35 lb.
Production Rate: 70/min.

HP-14
Weight Range: 10,000 gr.
Production Rate: 300/min.

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