



COTSWOLD

LINEAR WEIGHERS

**Cotswold Mechanical:
Precision Weighers
You Can Count On**

www.gic.uk.net

**MADE IN
BRITAIN**

Cotswold Mechanical: Precision Weighers You Can Count On

Since 1995, Cotswold Mechanical has been synonymous with the manufacture of high-quality, accurate, and reliable linear weighers.

Today, as part of GIC's product portfolio, Cotswold linear weighers continue to be manufactured in the UK to exacting standards. Capable of weighing products from 1 g to 50 kg, the Cotswold range spans entry-level machines for dry, free-flowing materials through to more advanced systems for handling the more challenging products.

GIC's expertise ensures that every Cotswold linear weigher is intuitive to operate via an HMI screen; efficient, low-maintenance, and can be specified for high-care environments.

GIC has been designing, installing, and servicing vertical form fill and seal packaging machines for four decades.

GIC machines are designed and built in Gainsborough to exacting standards. We are a gold-level partner in the Rockwell Automation PartnerNetwork™ programme, and all our component suppliers are selected for quality and reliability.

As part of the commissioning process, GIC backs up its engineering excellence with operator training and comprehensive service and offers maintenance plans to ensure hassle-free ownership.

The CMW Control System

With in-house software development, the GIC-enhanced Cotswold control system is sophisticated and intuitive, featuring several innovative features, including:

- Fast Micro Processor Weighing Control System, using the latest technology
- Bright 240 x 128 pixel backlit LCD display for ease of operation
- Configuration and Product Code data stored in non-volatile memory, ensuring no data loss during power failure or long periods of inactivity
- Self-explanatory operator control and set-up
- Three Levels of password protection to prevent unauthorised adjustments
- Intuitive step-by-step zero and calibration procedures
- Comprehensive diagnostics display and a full-function test utility to simplify system tests
- Average weight or minimum weight systems, selectable at product code set-up
- Automatic In-flight Correction (In-flight Weight Trending)
- Housed in a stainless steel enclosure (IP 65 minimum)
- Tactile membrane front panel
- All CMW series machines above the 2000 series feature a Micro Processor Control System, with 100 Product Memory, which can be increased to 500 if required
- Multiple discharge facility
- Constructed in stainless steel, with stainless-steel contact parts in either mirror-polished or rigidised, 304 or 316 grade.
- Integral Downstream Synchronisation Handshake

Optional features:

- Printer communication (RS232)
- Upstream control system
- USB data collection system

Upstream & Downstream Compatibility

Cotswold linear weighers are available as standalone machines for basic hand-packing or can be supplied with a GIC vertical form fill and seal packaging machine. Cotswold linear weighers can also be seamlessly integrated into other packing lines, such as dosing into tubs, buckets and pouches. The weighers are fully compatible with many in-feed systems such as vacuum loaders, elevators and screw in-feeds.

Application Knowledge

With decades of application knowledge, GIC designs solutions tailored precisely to your product. From free-flowing materials to sticky or difficult products, we have the expertise to engineer the correct solution every time.

GIC's Cotswold Linear Weigher Range

CMW 2000 Series

WEIGHT RANGE: 25 g TO 2 kg

SPEED: UP TO 15 WEIGHMENTS PER MINUTE

OPTIONAL VIBRATING HOPPER

SECTORS: SNACK FOODS, PET FOODS, COFFEE BEANS, LOOSE TEA, PULSES AND GRANULAR PRODUCTS

CMW 3000 Series

WEIGHT RANGE: 1 g TO 250 g

SPEED: UP TO 15 WEIGHMENTS PER MINUTE

SECTORS: COFFEE BEANS, SEEDS, BEADS, SEQUINS, PINS, CAKE TOPPINGS, CONFECTIONARY AND CHEMICAL PRODUCTS.



CMW 4000 Series

WEIGHT RANGE: 25 g TO 2 kg

SPEED: UP TO 15 WEIGHMENTS PER MINUTE

SECTORS: SNACK FOODS, PET FOODS, CONFECTIONARY, PREPARED VEGETABLES, FROZEN FOODS, HORTICULTURAL PRODUCTS AND BEVERAGE PRODUCTS.

CMW 5000 Series

WEIGHT RANGE: 250 g TO 5 kg

SPEED: UP TO 15 WEIGHMENTS PER MINUTE

SECTORS: SNACK FOODS, PET FOODS, CONFECTIONARY, PREPARED VEGETABLES, FROZEN FOODS, HORTICULTURAL PRODUCTS AND BEVERAGE PRODUCTS.

CMWC 4000 Combination Counter/Weigher

COMBINATION OF OPTICAL COUNTING AND WEIGHING

TWIN OPTICAL COUNTING SENSOR SYSTEM

THE ABILITY TO CHECKWEIGH AN OPTICAL COUNT AND REJECT BASED ON WEIGHT

OPTIONAL REJECT SYSTEM

COUNTING RANGE: 1 TO 50 OPTICALLY

COUNT BY WEIGHT FACILITY: COUNTING RANGE 10 TO 500

WEIGHT RANGE: 25 g TO 2 kg

SPEED: UP TO 20 COUNTS/WEIGHMENTS PER MINUTE

SECTORS: ALL SECTORS APPLICABLE TO THE CWM4000 SERIES WHERE LARGER ITEMS REQUIRE COUNTING AND CHECK WEIGHING SUCH AS SAUSAGE ROLLS, SAMOSAS OR PORK PIES.

CHECK-WEIGHING WITH OPTICAL COUNT, INTEGRAL REJECT FOR OUT OF TOLERANCE WEIGHTS.

COUNTING FUNCTION CAN BE TURNED OFF TO ALLOW THE CWM TO CATER FOR A GREATER RANGE OF PRODUCTS.

CMW 6000 Series

AUTOMATIC AND MANUAL SYSTEMS

WEIGHT RANGE: 5 kg TO 50 kg

SPEED: UP TO 15 WEIGHMENTS PER MINUTE

SECTORS: SNACK FOODS, PET FOODS, CONFECTIONARY, PREPARED VEGETABLES, FROZEN FOODS, HORTICULTURAL PRODUCTS AND AGGREGATE PRODUCTS.

CMW 8000 Series

INTEGRATED PRODUCT SETTLING FEATURE

WEIGHT RANGE: 1 kg TO 50 kg

SPEED: UP TO 12 WEIGHMENTS PER MINUTE

OPTIONAL IN-FEED LEVEL CONTROL

SECTORS: SNACK FOODS, PET FOODS, CONFECTIONARY, PREPARED VEGETABLES, FROZEN FOODS, HORTICULTURAL PRODUCTS AND AGGREGATE PRODUCTS.

Free Site Appraisals

Irrespective of whether or not you currently rely on GIC vertical form fill and seal packaging machinery to keep your production line flowing efficiently, we offer free site appraisals.

Our experienced engineers will visit your facility and provide an accurate overview of the current condition of your packaging machinery, service and maintenance requirements, available software and hardware upgrades and opportunities to improve operating efficiency.

To request a free site appraisal or discuss your requirements please contact our

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