

EGW

High speed Automatic Electronic Gross Weighers

Designed, developed
and manufactured for :

- ★ Weighing system of low cost.
- ★ High Accuracy consistently.
- ★ Long term Reliability.
- ★ Suitable for low head room for installation.
- ★ Advanced Microprocessor based 'PACKCON' controller.
- ★ OPTIMUM THROUGHPUT.



CONSULTRONICS PVT. LTD.

Solution provided for semi automatic weighing system

High speed Automatic Electronic Gross Weigher "EGW"

Consultronics Pvt Ltd., "EGW" weighers have been designed and manufactured for weighing a wide range of materials, bag types and bag sizes, can be made completely automated by bag handling and bag closing equipment.

It provides weighing at low cost, high accuracy, long term reliability and especially suitable with low headroom.

Accuracy is dependent on material flow characteristics, however up to 20 grams standard deviation can be achieved at a bagging rate of 200–250 x 50 kg bags/ hour.

It can handle materials like soya flour, animal feeds, fertilizers, grain, sugar, chemicals etc.

Advantages and Features :

- More output achievable due to higher accuracy for a long period.
Consistent / Repeatable high accuracy
- Complete elimination of mechanical levers, fulcrums, bearings, sway-links and other moving / wear-out / corroding parts; resulting in high accuracy / repeatability
- Unique single load cell cantilever weighing design; not requiring stabilization linkages or pivoted joints. Thus eliminating problems like susceptibility to dirt, friction and vibration associated with dual load cell design.
- Secure load cell assembly ensuring deflection less and sturdy sensing structure under vibrations.

- Reliable overload protection of loadcell stops to withstand 500% overload conditions extending loadcell life.
- Weigher with low numbers of critical maintenance components.
- Construction with high sturdiness resulting in high performance even in harshest environments.



Single source for all your packing needs including flexible customization

- Consultronics Pvt. Ltd. with a proven track record can meet all your packing line automation needs with complementary supply / feed hoppers, discharge hoppers, bag holders for open-mouth and valve bags, convey sealing and stitching systems; check- weigher and go-no go attachments and also customized special purpose attachments and auxiliary attachments like de-dusting and dust-extraction
- The product line also includes applications like
 - Fully Automated weighing, packing and palletizing lines
 - Open mouth, valve bags & weigh filling
 - FIBC platform & industrial weighing systems
 - Drum filling
 - Metering and mixing
 - Bulk material bagging systems for mobile application
 - Batch tipping machines
- For all your needs, you can expect accuracy, repeatability, speed , best value for money in our designs matched with excellent service
- A high level of design expertise for all your special needs and even flexible customization.

Best performance control through single board, latest technology PACKCON Controller

- Latest 8.4" LCD display, resulting in message versatility, clarity, simplicity and longest operating life.
- Low power consumption, SMD, CMOS technology for very high MTBF
- Front panel calibration for ease of operation
- 50 different material & weighing program storage for meeting all customer weighing schedules.
- Unique loadcell A to D conversion, software assisted signal filtering with front panel calibration for high-speed, accurate weighing
- Detailed fault logging with storage aiding trouble shooting and MIS documentation.
- Optional printer and external computer interface for centralise data logging for local weight display.



Rapid return of capital outlay by optimum throughput

- Working with various feeders (gravity, belt, screw, vibration, valve etc.) to suit material & through put rate
- Best response time due to rigid weighing system results in high throughput
- High reliability & repeatability with high throughput achieved by sturdy design & intelligent software control.

CONSULTRONICS PVT. LTD.

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