

The SIBW

(Single Idler Belt Weigher)

is the perfect solution for plant control and indication. It can be quickly and easily installed by site staff following our comprehensive, pictorial instructions, or our technicians are available if required. The system is now available with the new CBC-M Integrator offering exceptional features and performance at a highly competitive price. The CBC-M is based on the extremely successful Series CBC/1001 instrument and draws on 15 years of continuous product development and over thirty years of industry experience. Currently there are systems working in more than 40 countries world wide. The CBC-M uses the same customer interface as the previous models and consequently new or existing customers will have no difficulty in programming or calibrating the system.

- Easy to install
- Weighframe galvanised for long life
- 240/110 vac or 24/12 vdc operation
- Maintenance free - Weighframe has no moving parts
- Easy Calibration
- Large Display
- All Functions Menu Driven
- Three Totals
- Powerful Reports

The system is comprised of three component parts

The Weighframe - The Speed Sensor - The Integrator

The Weighframe is extremely tough, having originally been developed specifically for the mobile crushing industry where space is at a premium and the operational environment is at its most hostile. The galvanised weighframe is fully floating on two precision load cells that again have been developed to suit the environment. No maintenance is required apart from occasional inspection to ensure the weighframe is generally clear of debris.

The Speed Sensor runs on the clean side of the return belt and ensures accurate weighing even if the belt speed is not constant.

The Integrator (Totaliser) is the fourth generation of the very successful CBC/1001 instrument. It is very easy to use with all data being entered through a "user friendly" menu system. The electronics are microprocessor based and all programme and calibration details are stored in non-volatile memory so that the system does not have to be continuously powered. To enable WestWeigh to provide free support, Powerful Diagnostic Facilities are built into the system.



SIBW-CBC-M

Features

The clear L.C.D. screen has a backlight for difficult areas and gives a continuous display of Belt Speed, Rate of Flow, and Total. Error messages and process information also appear on the display as required.

Three independent & re-settable totals are available and there are also two management reports.

The Shift Performance Report stores valuable information including Shift Start/Stop Times - Shift Total - Average Rate Produced - Maximum Rate Produced - Running Time. The Running Time is a particularly interesting statistic as this "clock" only runs when there is material passing over the weighing device. It is therefore possible to use this information to check on working times and plant productivity. This report can be viewed on screen, printed or sent to a data logger etc.

The Batch Report (in conjunction with an optional printer) will give a Time & Date stamped report of Batch Start / Stop Times - Batch Total - and Batch Number (each Batch number is unique for quality records etc.)

Extensive diagnostic data is also available to enable technical advice and support to be given remotely by telephone, fax or e-mail etc. This powerful data enables most questions to be answered quickly without the need for on-site service, cost or delays.

Technical specifications

Power supply:	Switchable 240/110vac or 24/12 vdc
Enclosure Size:	300 x 250 x 140mm IP65 constructed in very strong corrosion free GRP
Display:	30 Character x 8 line Backlit L.C.D.
Keyboard:	16 key sealed to IP67
Load Cell input:	2 x CC Series Load Cell
Speed Input:	Digital – max 1.5kHz
Analogue Output (opt.):	0-10v Voltage Output 0-20 / 4-20 mA
Serial Output:	RS232
Relay Output:	1 x DPDT 240vac 5A 50ms for Totalised Output Pulse Value Selectable

Features in Brief

- Indication of : Batch Total - Grand Total - Belt Speed -Process Information - alarms etc.
- Full Password Protection
- Management Reports
- Easy calibration
- Powerful diagnostics
- Plastic Laminated "Quick Guide" instruction sheets

The SIBW-CBC-M (Single Idler Belt Weigher) has been specifically developed for use on mobile plant applications and is fitted by many of the leading manufacturers in Europe and Scandinavia.

Please visit our website where you will find full information about our products including copies of Manuals, Quick Guides, Wiring Diagrams, Diagnostic Data Sheets etc.

