EasyFlow Fibreglass Loss In Weight Feeder

Web Tech AutoWeigh's models "EasyFlow Fibreglass Feeder" is a specialised loss in weight feeder designed to feed chopped fibreglass material. Materials such as chopped fibreglass are normally difficult to handle, but the "EasyFlow Fibreglass Feeder" is designed to handle materials that tend to "clump" by gently vibrating the feed system. The feeder is supplied as a complete modular arrangement, housed in a stainless steel enclosure which isolates it from external influences and provides a dust tight environment. Access to the various parts of the feeder is possible by means of the three lockable doors. The "EasyFlow Fibreglass Feeder" can be supplied with various size feed trays which can be used to deliver rates as low as 0.3 kg/min. The precision load cell based weighing mechanism allows for the mechanical "tare" of the feeder deadweight. This allows for better sensitivity from the load cell, as it can be sized for the "live load" component of the total weight. The feeder cabinet is mounted on lockable castors, which allows it to be retracted from the process stream for cleaning purposes.

Options such as an automatic diverter chute for calibration purposes, or to allow cleaning out of the system are available.

Electronics

The loss in weight "EasyFlow Fibreglass Feeder" is supplied with our "Optimus Plus" electronics. The "Optimus Plus" electronics is a microprocessor based integrator and comes with the following standard features:

- Microprocessor based.
- 110/240VAC or 24VDC supply (optional).
- IP66 reinforced polyester enclosure.
- Modular in design – easily serviceable.
- Simple menu driven interface.
- Integral keypad with calibration "Hotkeys".
- 2 x 40 character backlit LCD display.
- All commands in simple English – No hieroglyphics or codes used.
- 8 digit Mass Rate display.
- 8 digit Mass Total display.

- Isolated 4-20mA Rate output.
- Isolated 4-20mA PID output.
- Remote Totaliser outputs.
- Remote setpoint input.
- Programmable digital outputs.
- Service menus allow load cell. values to be read without the need for test meters.
- Automatic Zero & Span calibrations.
- Optional Ethernet or Profibus boards.

"Optimus Plus" in standard
IP66 RFP Enclosure

"Optimus Plus" in optional
Stainless Steel Enclosure

Head Office

Web Tech Autoweigh
11 Electronics Street
Eight Mile Plains
Queensland, 4113
Australia

Sydney Office

Web Tech Autoweigh
11/5-7 Anella Avenue
Castle Hill
New South Wales, 2154
Australia

Telephone: +61 7 3841 2844
Toll Free : 1800 777 906
Facsimile : +61 7 3841 0005
Email   : info@web-tech.com.au
Website   : www.web-tech.com.au