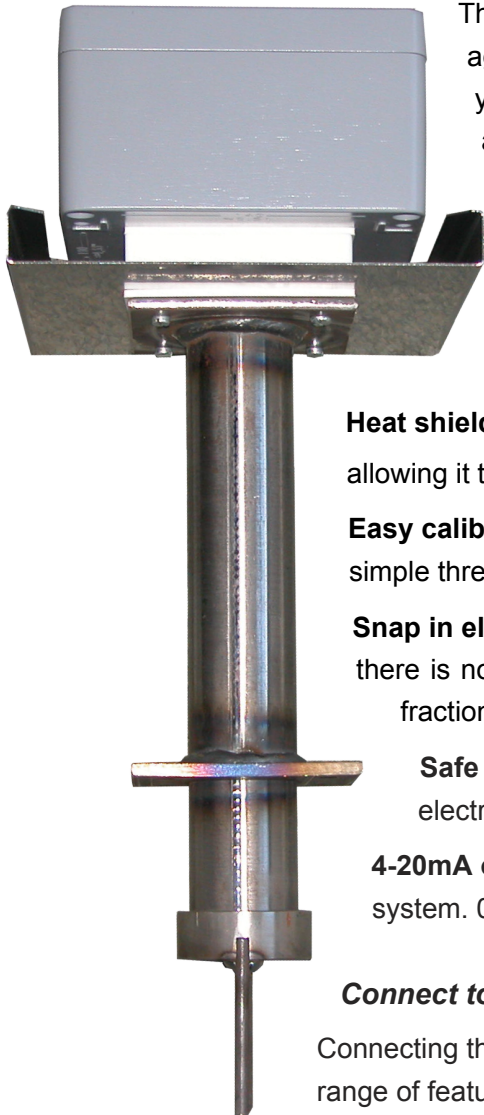


## Individual level indicators for hot aggregate bins



The ED200ie is an individual continuous level measurement sensor head for hot aggregate bins, which can be connected to existing bin metal work or metal work of your choice, offering greater flexibility for building a level measurement system around your particular needs and budget.

**Rugged construction** - with a tough waterproof casing and robust though wall connection point, the sensor can be mounted horizontally or vertically in a position that best suits the flow of material. The head is designed to be connected to bin metal work of your choice, either steel angle or steel rod depending on the nature of the stone in use and cost considerations.

**Heat shield and thermal barrier** - protect the measuring electronics from the effects of heat allowing it to maintain performance in temperatures up to 250°C.

**Easy calibration** - sensors are calibrated at ground level from a central control unit with a simple three step process.

**Snap in electronics** - in the event that a sensor head is damaged during plant maintenance there is no need to replace the entire head, our snap in cards are easily replaced at a fraction of the repair cost associated with replacing traditional all in one heads.

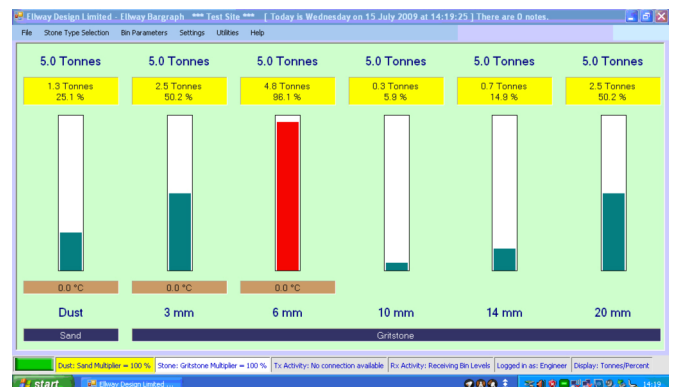
**Safe to weld isolator** - flipping a switch in the central control box isolates the electronics to protect them from welding damage.

**4-20mA outputs** are provided as standard for forward connection to a PLC or plant control system. 0-20mA, 0-10V and 0-5v outputs are also available.

### Connect to our operator interface for a more advanced set of features

Connecting the ED200ie sensor heads to our Windows based operator interface extends the range of features to include:

- **Easy to read bar chart display** - each bar can be calibrated to the individual bin capacity and has a refresh rate of 100ms to give a smooth real time level reading in tonnes and as a percentage of the bin capacity.
- **Multi aggregate calibration** - the system can be calibrated for up to five different material types with independent settings for dust and sand. This gives a more accurate level reading when switching between materials of different density.
- **Bin linearisation** - for a more accurate level reading in all bin shapes our software applies a linearisation algorithm to give a linear level reading for the full height of the bin\*

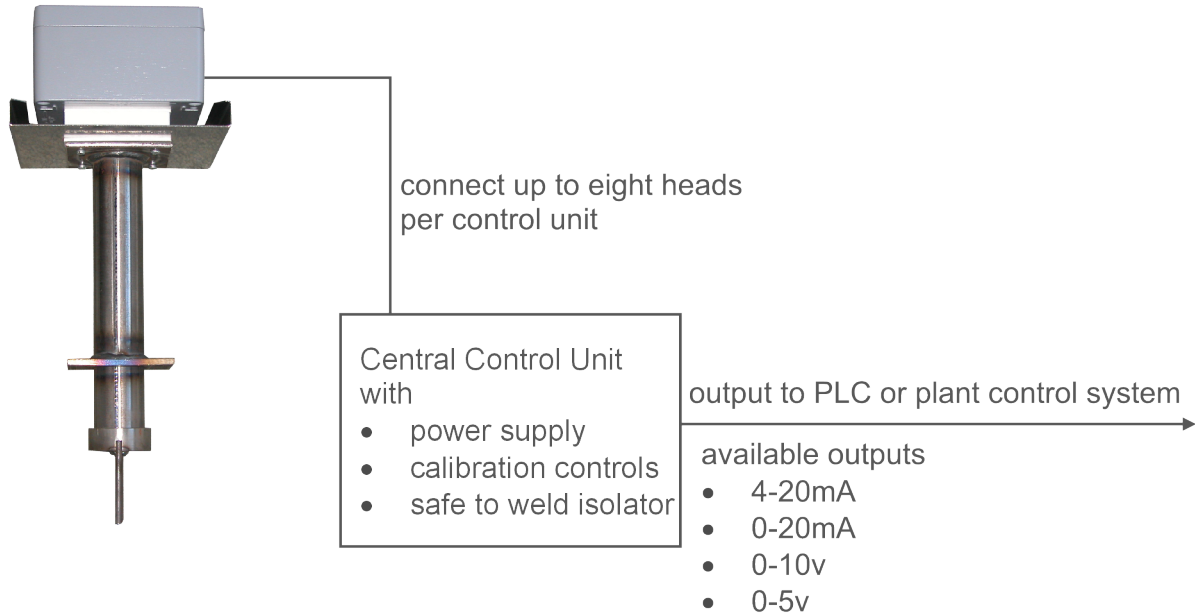


Our operator interface can also be used to display the signals from other manufacturers level indicators.

\* providing the bin metal work is installed along the full height of the bin including the dog leg.

## Individual level indicators for hot aggregate bins

Outputs for connection to PLC or plant control system only



Connection to operator interface with additional outputs for PLC or plant control system

