

## Conveyor Belt Scales for the Coal Industry

Web Tech AutoWeigh manufactures a complete range of conveyor belt scales for the coal industry. Whether the belt scale is required for a simple process control application, such as controlling the output of a vibratory feeder, to “inventory” type models and multi idler “precision” models for applications such as ship loading.

Our conveyor belt scales can be manufactured to suit nearly all types of conveyor structures, including suspended mine type structures. Capacities of up to 10 000 Mtp/h have been supplied, with belt widths up to and including 2400 mm available. Web Tech AutoWeigh’s weighframes are designed for minimum deflection under the heaviest loading, with mechanical designs checked using FEA (finite element analysis) principles. As well as the mechanical aspects of the belt scale systems, Web Tech AutoWeigh design and manufacture its own range of electronic integrators and controllers. As well as providing standard information such as rate and total, additional options such as serial communication boards, calibration audit trails and control outputs are available. Due to the nature of the environment, options such as stainless steel electronics enclosures and sunshades are also available.



As maintenance time available on many sites is limited, we also can provide various calibration weight options which reduce the amount of time and personnel required to routinely check the belt scale accuracy. These include our “In-Situ” type that are permanently installed on the conveyor structure above the weighframe, and simply wound down when required. Other styles of calibration weights which can be retrofitted to older styles of weighframe can also be supplied.

Contact us to see what we can offer for your application.

