



Introducing the New...

FIBERweigh™

Phoenix Weighing Services announce the launch of the new concrete fibres weighing dispenser. Carefully designed to fulfil the growing need for a traceable and safer method of adding polymer fibre to readymixed concrete and floor screeds.

Key Benefits

• Improved Health and Safety

Current methods of adding fibres usually involve a great deal of manual handling, first - carrying heavy boxes of fibre up into the mixer area, secondly repeatedly negotiating numerous flights of stairs to place fibres into each mix. Storage of fibre boxes in mixer rooms often causes a hazard in what is generally a confined space. Boxes also become damaged by water, causing bags to split.

The FIBERweigh™ eliminates all of these hazardous practices.

• Quality Assurance

Poorly dispersed fibre results in 'clustering' or 'clumping' of fibres, particularly in floor screeds. The FIBERweigh™ incorporates an innovative variable drive, which will ribbon-feed a continuous flow of fibres into the aggregates as they are discharged into the mixer. This way the product is totally dispersed with the aggregate before it even enters the mixer. Another major benefit of using the FIBERweigh™, is that the volume of the loose fibre increases five fold by the time it exits the blower system, giving the fibre five times the surface area, thus vastly improving dispersion. Currently there is no traceability of fibre addition when fibres are hand fed into the mix. FIBERweigh™ is totally compatible and able to interface with all types of proprietary software packages available in the industry. Fibre addition will be incorporated into the selected mix design, automatically batched and all addition recorded. Should the plant not already be automated, we offer an optional automatic batching controller, which will record data on a printer or save to file.



• Reduced costs

FIBERweigh™ will accurately batch the fibres to the required tolerances of EN206-1.

At present, where the delivery is not in full cubic metres the dose is normally rounded up to the nearest metre. More precise batching will represent a significant annual cost saving.



Specifications

Holding hopper capacity:	80kgs (approx, dependent on grade of fibre)
Weigh hopper capacity:	8000g
Resolution:	10g
Accuracy:	±10g
Discharge flowrate:	Variable, < 5kg/min
Supply voltage:	415v, 50Hz
Dimensions:	1600W x 750D x 2500H (excluding stairs)
Paint finish:	Dry powder coated, two colour

PWS

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