

Screeners

Good quality fish and debris screening is an essential feature of any new micro-hydro development. WRE Ltd now manufactures a standard, low cost, robust automatic screen system. Based on a continuous stainless steel mesh conveyor, the screen is mechanically simple, 100% stainless steel construction, quiet and can fit in a small space. The standard screen is suitable for flows up to 250 litres per second, and special screens can be manufactured for flows up to 1000 litres per second. This system is particularly suited to small and moderately sized mill sites and other moderate and low head systems, where head loss is to be minimised.

Operation is from 12v battery and charger, so operation is maintained during power cuts, shut down and start up times - useful for off grid sites. Mesh sizing is usually 10mm and meets EA requirements for fish protection, although smaller or larger gaps can be specified.

Standard system features

2.5mm diameter wire stainless steel mesh, 10mm gap

12v operation

Variable timed screen operation

No submerged bearings

All stainless steel TIG welded supporting framework and mesh

Submersion proof

Laser cut parts

1000mm width, 1800mm screen length

All UK sourced parts, manufactured in house

2009 price £1800 ex-works, delivery time 4 weeks

Optional features on bespoke systems

Lighter duty 6mm gap screen option for small abstractions

Various configurations to transport debris further if required

Widths smaller or larger than 1000mm

