

**Refurbishing a small works?
Renewing a reed bed?**

**Need a proven means of protecting your suspended solids
consent while the work is carried out?**

**The WPL MicroScreen is the ideal temporary or
permanent solution!**



The WPL MicroScreen is the perfect solution for tertiary treatment of effluent containing excess suspended solids. The WPL microscreens are designed to receive pumped or gravity flows and the unique design of the drum filter, maximises the surface area of the filtration cloth to achieve high removal efficiency with low operating costs, WPL currently has a Hire fleet of skid mounted units which are available for short or extended hire periods and can be purchased at the end of the hire period comprising:

Qty 10 5 BMF 10 units
Qty 4 10 BMF 10 units

The complete range of WPL MicroScreens are available to handle flows ranging from 3 l/s to 200 l/s and have been permanently installed at more than 30 locations throughout the UK with the following Water Plc's:

Southern Water
Yorkshire Water - covered by a framework in AMP 4
Wessex Water
South West Water
Anglian Water
Welsh Water



Technical Details - Model 5 BMF 10 skid mounted

- Weight - 400 kgs
- Electrical Supply - 240 v (BS4343 Blue Connector)
- Pipework - Influent – 2" Hose tail
- Treated Effluent – 6" Bauer coupling
- Screenings either by Gravity discharge 3" Bauer Coupling or pumped away using integral pump with 1.1/2" hose tail connector.

Maximum Flow / Load Rates		
SS Load in mg/l	40 micron Cloth	20 Micron Cloth
25	17 l/s	7 l/s
40	15 l/s	5 l/s
60	12 l/s	4 l/s
100	9 l/s	3 l/s



Technical Details - Model 10 BMF 10 skid mounted

- Weight - 400 kgs
- Electrical Supply - 415 v three phase (BS4343 Red Connector)
- Pipework connections - Influent – DN 80mm PN16 Flange
- Treated Effluent – DN 250mm PN 10 Flange
- Collected Screenings – either by Gravity discharge DN 150mm PN10 Flange or pumped away using integral pump with 2" hose tail connector.

Maximum Flow / Load Rates		
SS Load in mg/l	40 micron Cloth	20 Micron Cloth
25	42 l/s	20 l/s
40	38 l/s	17 l/s
60	31 l/s	15 l/s
100	23 l/s	10 l/s

Available for permanent installations or as skid mounted units for short term rental.

Please contact Mark Howorth of WPL – 02392 242600 or 07803 893057

Alternatively, you can e-mail mark.howorth@wpl.co.uk for further information.

WPL is recognised internationally as a principle designer and manufacturer of high quality package and turnkey sewage treatment systems, rainwater harvesting and , and grease management solutions.

It has over 16 years' industry experience and services an extensive customer portfolio comprising the UK's major water utilities, all areas of the commercial sector and the domestic market place.

The company's consistent focus on ecology, coupled with extensive research & development into new technology, have enabled it to far exceed all existing and proposed discharge consent standards enforced by the Environment Agency, SEPA and other regulatory authorities.

WPL Limited registered in England & Wales NI 2583411 VAT No. 568 3801 15. WPL Limited has a policy of continual product development and the above information may be subject to change without notice. WPL Limited are fully compliant with the British Water Code of Practice.



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