

# FILTRATION TECHNOLOGY WORLDWIDE



Certificate number: 2003/358



**Filtration Technology Worldwide**

Latham International Limited  
Rowhurst Close Industrial Estate  
Newcastle, Staffs, ST5 6BD

Tel: +44 (01782) 565364  
Fax: +44 (01782) 564886

E-mail: [info@lathaminternational.com](mailto:info@lathaminternational.com)  
[www.lathaminternational.com](http://www.lathaminternational.com)

<b>Advantages of a Vertical Ram Pump</b>	<b>Versus other Feed Pumps</b>
<ul style="list-style-type: none"> <li>Built to handle very abrasive sludges and slurries</li> </ul>	<ul style="list-style-type: none"> <li>Air diaphragm pump but wet and dry side on diaphragm pumps require continuous replacement</li> </ul>
<ul style="list-style-type: none"> <li>Parts available ex stock in UK</li> </ul>	<ul style="list-style-type: none"> <li>No inverter required on ram pump required on progressive cavity pumps</li> </ul>
<ul style="list-style-type: none"> <li>Minimal moving parts so there is little wear and tear on the pump</li> </ul>	<ul style="list-style-type: none"> <li>Piston diaphragm pump very expensive on initial purchase and spare parts</li> </ul>
<ul style="list-style-type: none"> <li>Easy secondary dosing if required</li> </ul>	<ul style="list-style-type: none"> <li>Stators and rotors need replacing on regular basis on progressive cavity pump</li> </ul>
<ul style="list-style-type: none"> <li>Initial costs of ram pump higher than other pumps but long term reliability far superior</li> </ul>	<ul style="list-style-type: none"> <li>Progressive cavity pumps tend to slip at pressure reducing flow and pressure towards end of cycle</li> </ul>
<ul style="list-style-type: none"> <li>Ram pump Parts inexpensive</li> </ul>	<ul style="list-style-type: none"> <li>Centrifugal pump requires inverter control</li> </ul>
<ul style="list-style-type: none"> <li>Positive displacement, good for press feeding</li> </ul>	<ul style="list-style-type: none"> <li>Centrifugal pump tends to breakdown polymer dosing</li> </ul>
<ul style="list-style-type: none"> <li>Ram pump does not breakdown polymer dosing compared to other pumps</li> </ul>	<ul style="list-style-type: none"> <li>Centrifugal pump tend to overheat in body when running at pressure</li> </ul>

