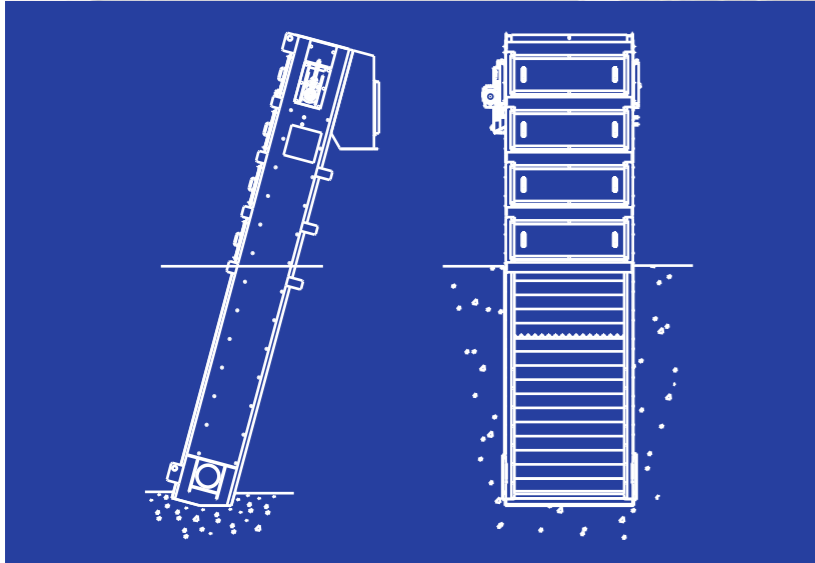


Top-quality construction, superior materials, design innovation ... But, in addition, when you supply an E&M JASH product to your client, you also get access to years of development knowledge and experience. We have earned a reputation for trouble-shooting.



A perforated step screen to be installed in Vienna, Austria. The unit has perforations of 4 mm and is manufactured entirely in stainless steels. This five metre long unit was installed in 1997.

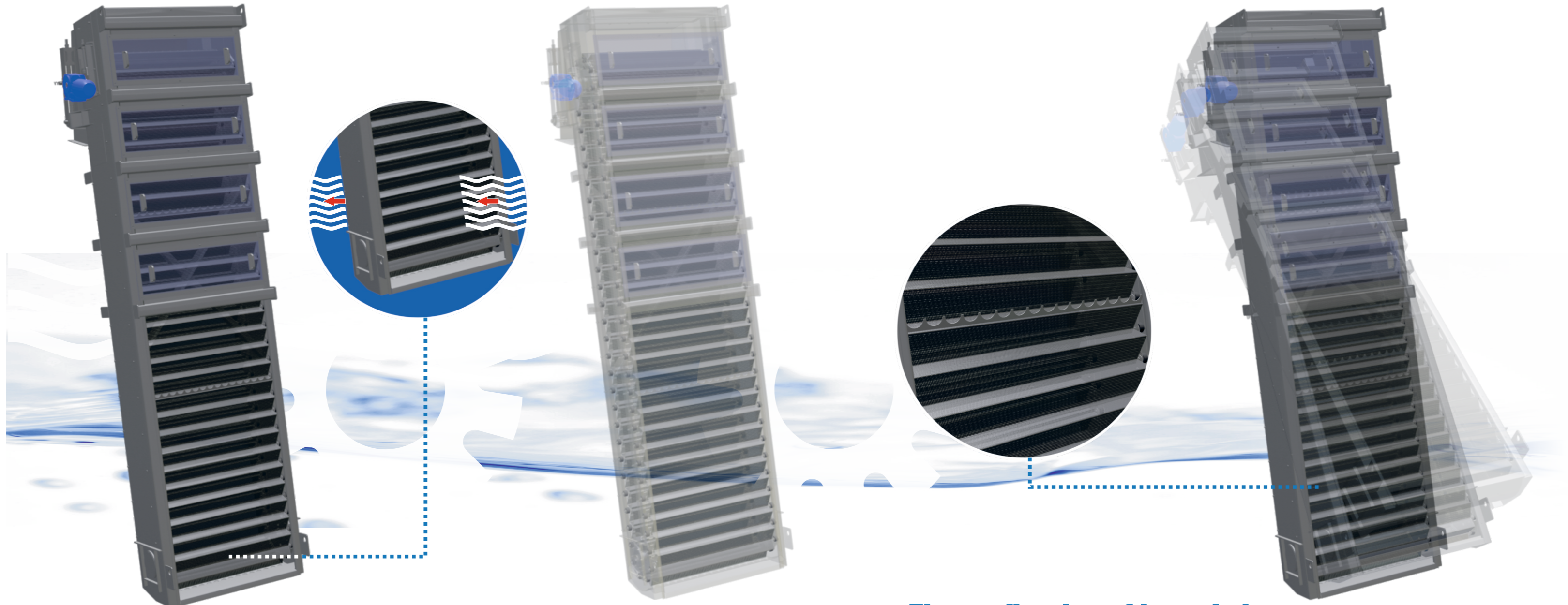


Engineering & Manufacturing JASH has been supplying equipment to water-related industry for more than 30 years, in a range of products and in a range of applications. We believe that our professional experience reveals itself in the quality of our products and their performance. The high-quality standards seen in the E&M JASH equipment-line are a direct result of the need to fulfill stringent manufacturing and environmental standards



30 years
development
for waste water treatment

E&M JASH Perforated Step Screen



Elements of design ... the key ..

E&M JASH s history of trouble-shooting ...

Screens of moving filters, rotating meshes, and travelling perforated plates have long been in existence. But all suffered from a host of similar problems: blockages and residue build-up, despite attempts at cleaning. In development stages, a concerted effort was made to address the causes and our screen has key elements of design that distinguish it from those of rivals. Take, for example, the stepped grid plates. Exploration and innovation was followed by test-&-trial, until the inherent efficiency of this profile was proven. Trap .. transport ...and eject.

... trial wash-water systems ...

Research of rival products demonstrated inadequacies of cleaning, either by brushes that wear and have the inverse effect of encouraging the blockage of perforations, or by wash-water sprays that were, simply put, totally ineffective. The key is in the use of three high-pressure nozzle-spray systems, a unique feature of the E&M JASH Perforated step screen: the primary system above discharge level to eject entrapped screenings, and a secondary and a third wash-down facility bringing any remaining residue by drain-pipe back upstream into the flow, to repeat the cycle of capture.

... E&M JASH philosophy? ...

... address the problem at design stage, not in the field. Developed on the back of extensive manufacturing knowledge of the highly-successful E&M JASH Perforated Step Screen, the application of innovation and the focus of design has given birth to a product long on capability but short on maintenance: the E&M JASH Perforated Step Screen.

The application of knowledge

Self-carrying design:

Ordinarily, the self-carrying design allows screens to be full-assembled in the workshop and then simply lowered into position at site. Its own weight is sufficient to keep the Perforated Step Screen securely in position.

Bypass channels can thus be eliminated, since the screen can be taken out of the channel by crane. In installations where the channel is not very deep, the Perforated Step Screen can be fixed on a pivot axle and can be swiveled out of the channel.

Built-tough:

Rugged construction, stainless steel frame and screenfield, stainless steel roller chains, and self-lubricating bearings all are necessary for long-life, low-maintenance and hassle-free operation. It's an E&M JASH standard.

Electro-mechanical overload device:

Like the acclaimed E&M JASH Perforated Step Screen, this unit safely stops the motor in case of obstruction of travel, and avoids damage to the screen. More reliable than current-sensing systems ... this is tried-&-tested technology.

Contact us.

Engineering & Manufacturing Jash Ltd.
Contact e-mail: info@jashindia.com
Website: www.eandmjash.com



Hong Kong Representative
Fullink Technologies Ltd.
Contact e-mail: fullink@fullinktech.com

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