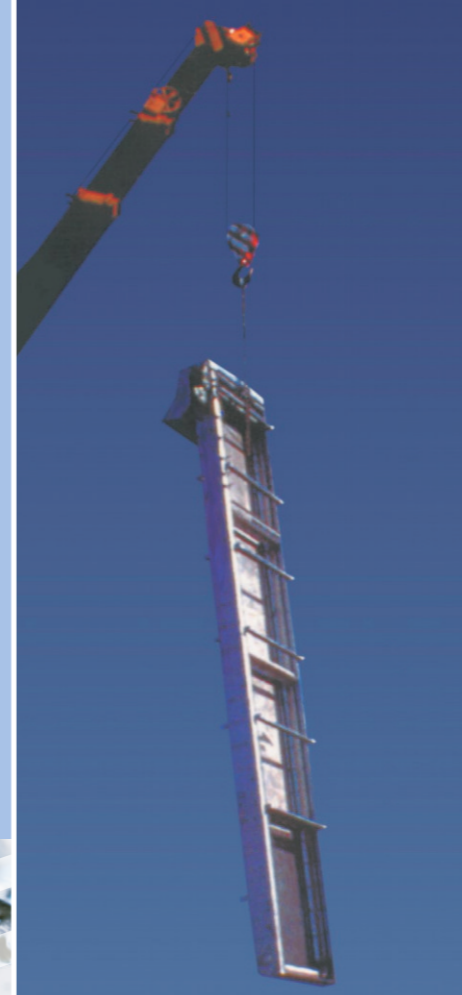
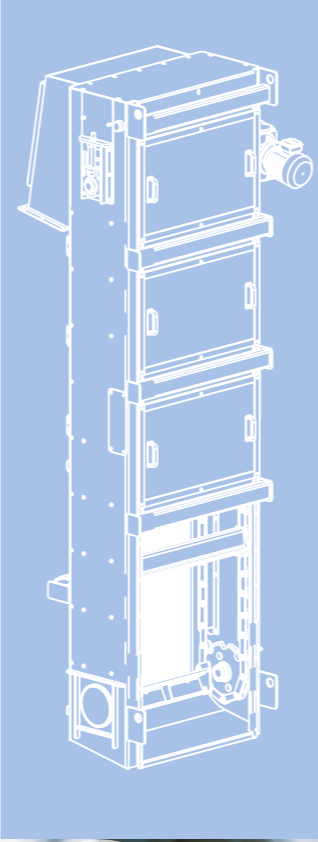


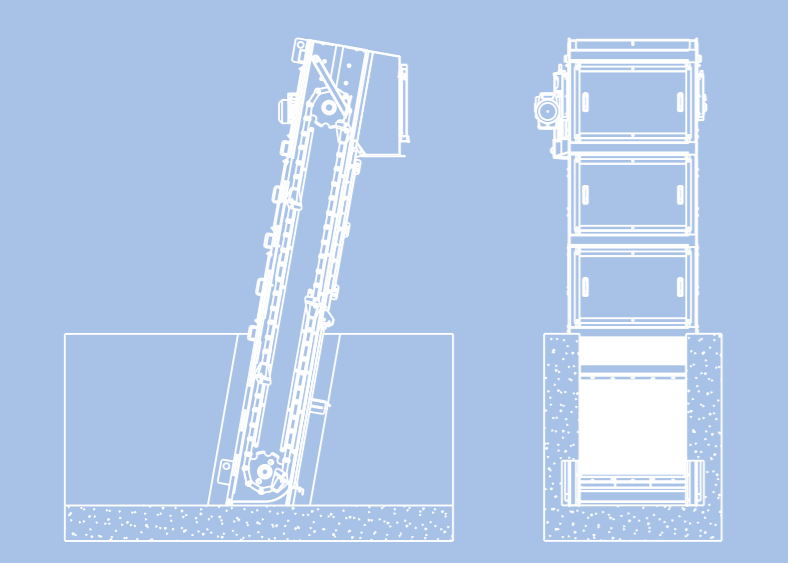


For their Schönerlinde Works, Berliner Wasserbetriebe, having the experience of many different brands of mechanical screens, made a carefully-considered choice a recent acquisition for this 86Ml/day plant. Our clients are impressed with the disproportionate capacity of their new addition, the E&M JASH Inclined Bar Screen, dwarfed by others in the picture opposite.

We have well-earnt our reputation for trouble-shooting. For solutions to your screening problems, contact us.



Inclined bar screen being lifted into the screening building; the entirely workshop assembled screen is over 15 metres long, constructed of stainless steel.

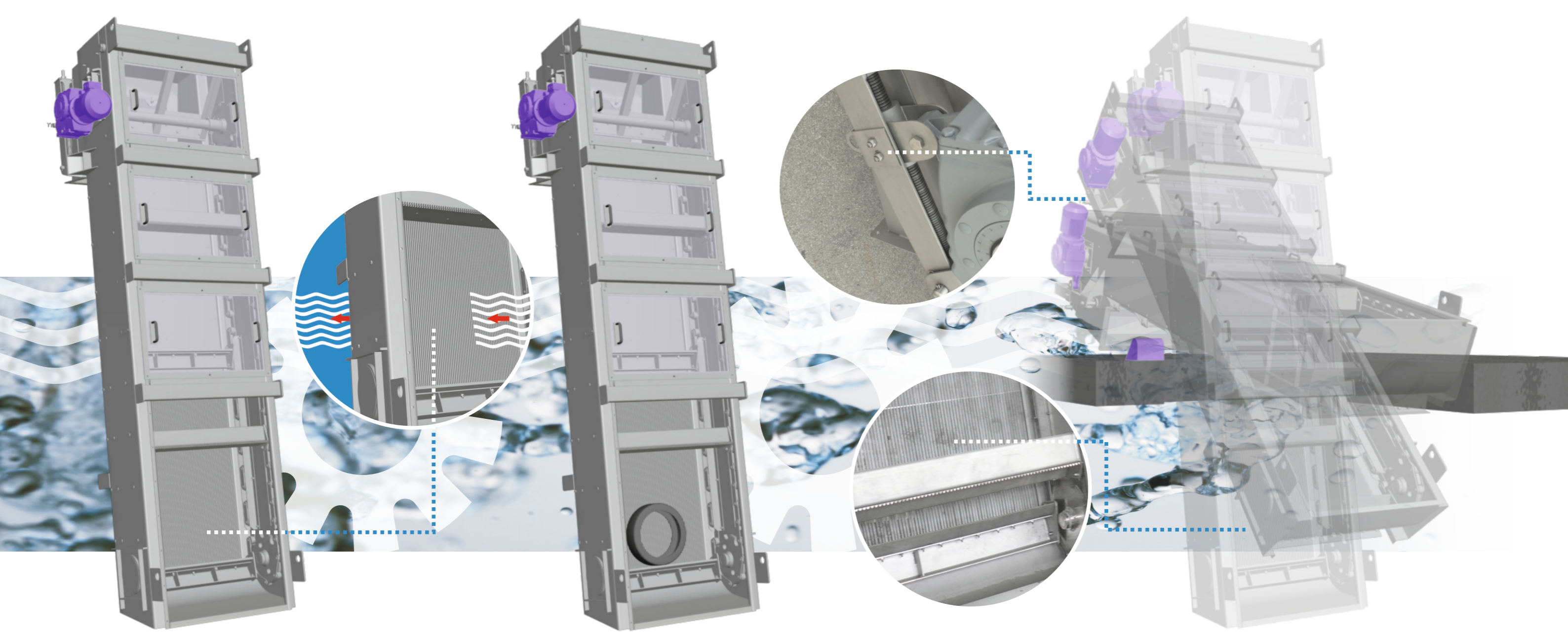


Engineering & Manufacturing JASH has been supplying equipment to water-related industry for more than 30 years, in a range of products and in a range of applications. We believe that our professional experience reveals itself in the quality of our products and their performance. The high-quality standards 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 INCLINED BAR SCREEN



High efficiency - low maintenance

Hydraulic capacity and low head-loss:

E&M JASH has achieved a standard bar spacing of 4 mm. Even with such fine spacing, head-loss is extremely low.

At a hydraulic capacity test conducted in 1993 by the Viennese University of Technology, a 6 mm spaced E&M Screen was installed in a channel with a flow of 1 m/sec, resulting in only 30 mm of head-loss. In high capacity plants, head-loss has never been more than 75 mm.

Low overhead clearance:

The E&M JASH Screen's above-ground height is determined only by the discharge level. Regardless of the depth of the channel, the total above ground-height of the screen will not change.

Cleaning capacity:

The continuous traveling rake bars can be set to a cleaning interval of as short as 1.5 seconds. The overload device can be programmed to jump the drive into a faster cleaning interval when the water level differential gets too high. In tests by the City of Vienna and in Birmingham, England, the E&M JASH Screen even removed car tyres!

Improved features to minimize running costs

Self-carrying design:

Usually, the self carrying frame is designed to allow screens to be fully assembled in the workshop and later simply lifted into the channel at site.

Its own weight is enough to keep the E&M JASH Screen securely in position.

Bypass channels can thus be eliminated since the screen can be taken out by a crane. In installations where the channel is not very deep, the E&M JASH Screen can be fixed on a pivot axle and can be swivelled out of the channel.

Maintenance:

Rugged construction, stainless steel frame, stainless steel roller bearing chains and self-lubricating bearings guarantee the client low maintenance costs.

Electro-mechanical overload device:

An electro-mechanical overload device safely stops the motor in any case of blockage and avoids damage of the screen.

Contact us.

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