

It was a long and difficult journey but, on Monday August 10th 2009, the first MM2MM screen left our workshop to be installed at Tulln, Austria. Our new top-product is also the first fine bar screen in the world complying with all international standards for hydraulic steelwork, such as continuous welding to avoid fissure corrosion (a serious problem for stainless-steel constructions), and dimensioning based on stress-calculations designed to withstand three times the maximum water-pressure.

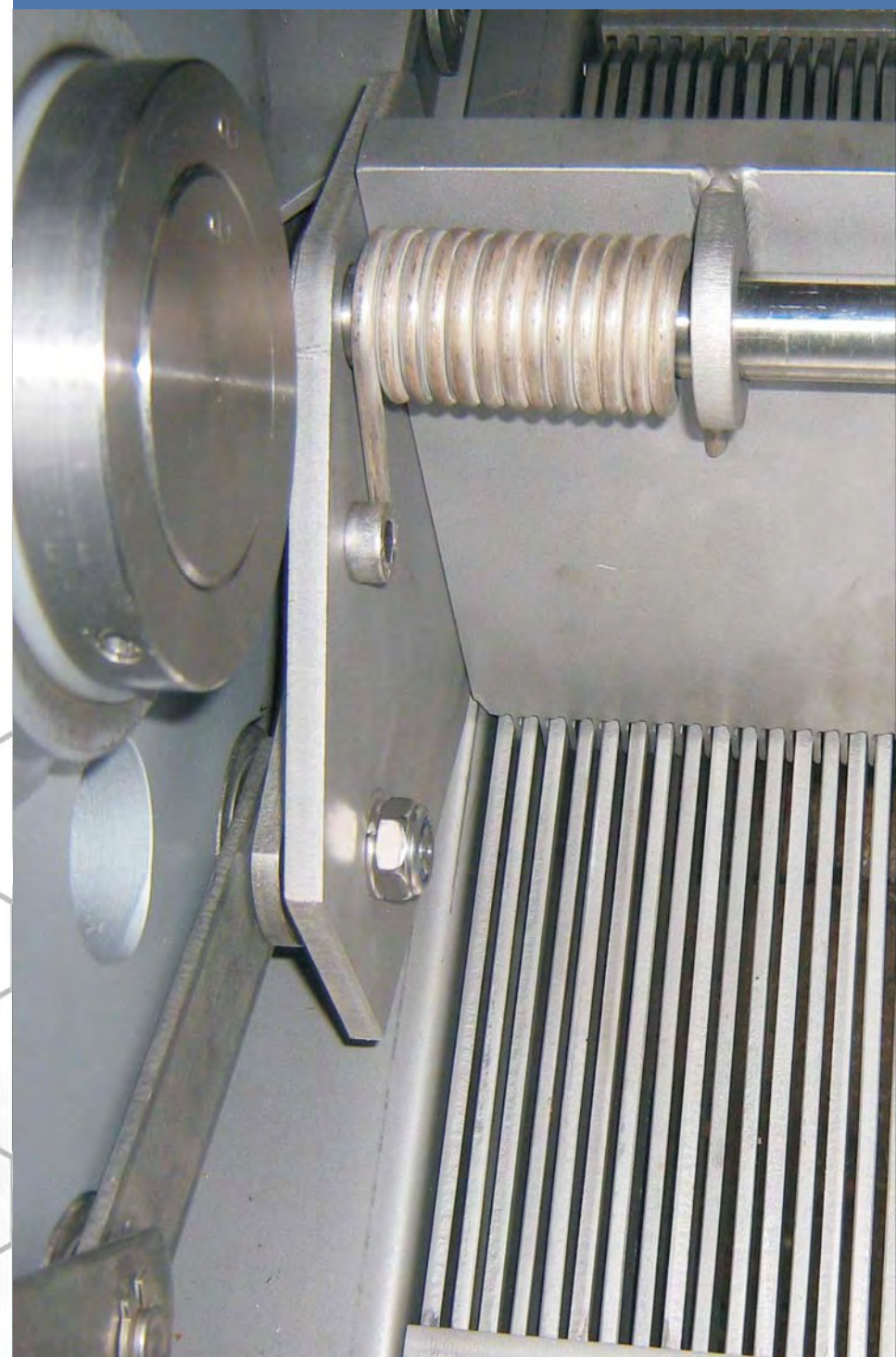


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MM2MM screen



Technology for waste water treatment



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Mahr Maschinenbau proudly announces
the release of her latest innovation:

The MM2MM screen

Previously we had developed the “Mahr Bar Screen”, a screen with a minimum bar space of 6 mm and a minimum cleaning cycle of 1,5 seconds, which technology has since become outdated.

After we sold this to an American company in 2001, we spent long hours at the drawing board to create what, until today, was considered impossible:

A multiple raked bar screen with

- a minimum bar space of only 2 mm but suitable for channel-widths of upto 4 metres, and for almost unlimited channel depths.
(our current project in St. Petersburg, Russia will include two 80 metre-long MM2MM screens)
 - discharge capacities of upto 60 m³ per hour and cleaning efficiencies for bar screens so far unseen
 - raking combs with teeth made from stainless steel, which penetrate the screenfield improved overload-protection features giving safer handling for the benefit of plant staff, and introducing less risk of damage
- and
- last but not least, less maintenance and operational costs.

The history:

In 1927 Matthaues Mahr built our 1st monoraked bar screen. It had a bar space of **25 mm** and operated till the year 2002.

In the '70s, Mahr Maschinenbau built the first multiple raked screens with a bar space of **10 mm**.

A decade later, we were the first ones in the world supplying bar screens to the market with a bar space of only **6 mm**.

In 2009, we are the first manufacturer world-wide to again lead the field, producing bar screens with bar space of **2 mm only**.

