

Discover Mourik

Infrastructure

Industrial services

Catalyst handling

Industrial and commercial construction

Environmental technology

Project development

Fully automatic orbital welding



Robotic in-situ welding results in shorter downtime

Downtime means lost production. In order to be online again in the shortest possible time, a tight schedule is needed. For this reason, asset owners demand short lead times while maintaining perfect welding when overhauling their installations. This can be achieved by using our fully automatic orbital welding machine.



Reduced asset downtime ensures satisfied customers

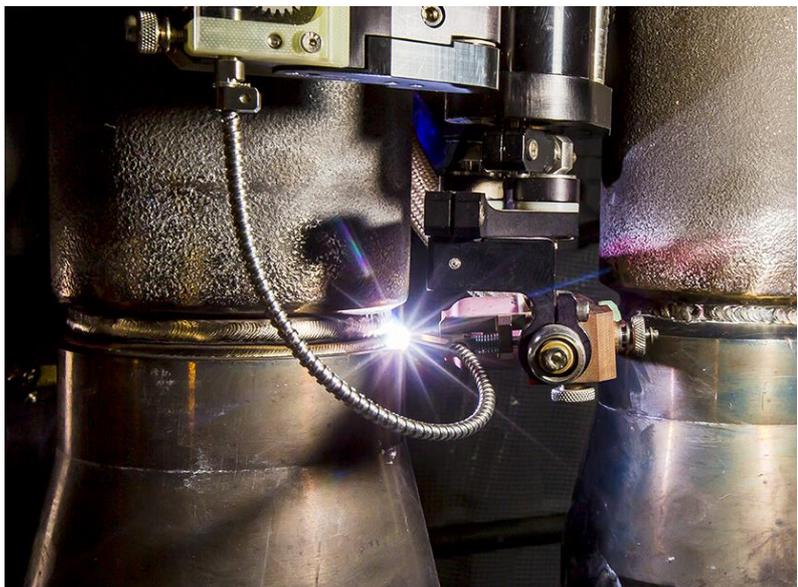
Constant speed

In an industry first for the (petro)chemical sector, Mourik introduced a fully automatic orbital welding machine in-situ. The equipment delivers precise accuracy, virtually eliminating the possibility of weld defects. Furthermore, the constant speed of the equipment can result in shorter production times, delivering shorter downtime for the installation.

Fully automatic orbital welding



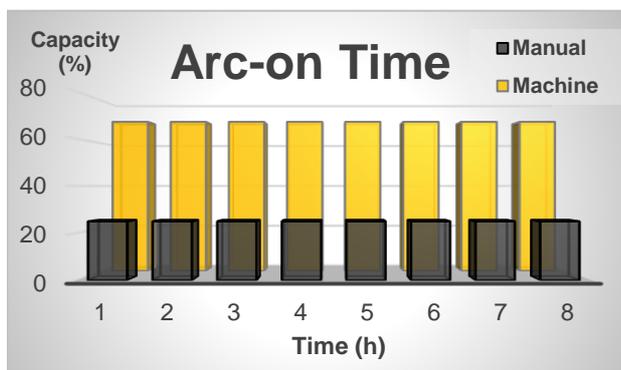
Qualified operators install and calibrate the equipment



The result is special to see

Orbital welding

Orbital welding is an automated TIG welding process for connecting pipework. The origin of the term 'orbital' being the Latin 'orbita' (orbit of a celestial body). Orbital welding is applied in a perfectly straight path around the pipe, making welded connections very accurate, quickly. A skilled operator configures the equipment, then the machine places the weld. Orbital welding is suitable for use on round tubes, piping, and a large number of round objects that can be connected such as flanges.



Accurate, defect-free and fast

In-house knowledge

Welding with this specialist equipment requires specialist knowledge. Mourik's welders have undertaken extensive training in order to become certified operators of the equipment. In addition, Mourik has achieved the Welding Method Qualification (LMK) for performing works with this specialist welding equipment. After several successful implementations and satisfied clients, this welding method is now available to other asset owners from Mourik.

Working safely, delivering quality, protecting our environment and creating maximum value together: it's in our DNA.

Mourik, imagine what's NEXT.

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