

# Mechanized Testing Nuclear



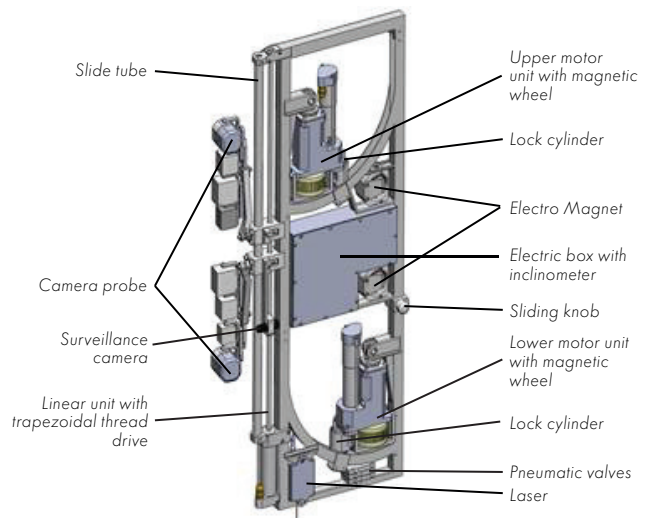
## Full vessel inspection from OD

DEKRA Industrial – Mechanized Testing has developed a manipulator for the inspection of the RPV Shell Welds from the outside.

The manipulator is designed to operate in narrow gaps and can be maneuvered to any position on a cylindrical surface. With the unique design, an accurate position is established by the “on board” laser measurement gauge. This gives a very precise positioning in both vertical and circumferential direction. The exact position is also verified by Eddy Current detection on the reactor vessel existing punch marks.

The manipulator Mjölner can be configured for vertical scanning strokes with steps in the circumferential direction, or configured for circumferential scan strokes and vertical steps. This makes it possible to perform scans optimized for longitudinal or transverse defects for both circumferential and vertical welds.

DEKRA cover all needs for development of manipulators and NDT, as well as probe design. Excellent customer response of the inspection preparation, qualification and performance on site.



Mjölner - OD inspection of vessels

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*With reservations for errors and changes.*

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