

# RoCombo MFL-A / UTWM Service

In-line Complementary Combined Metal Loss Detection and Sizing



Increased probability  
of detection  
(POD)



Increased probability  
of identification  
(POI)



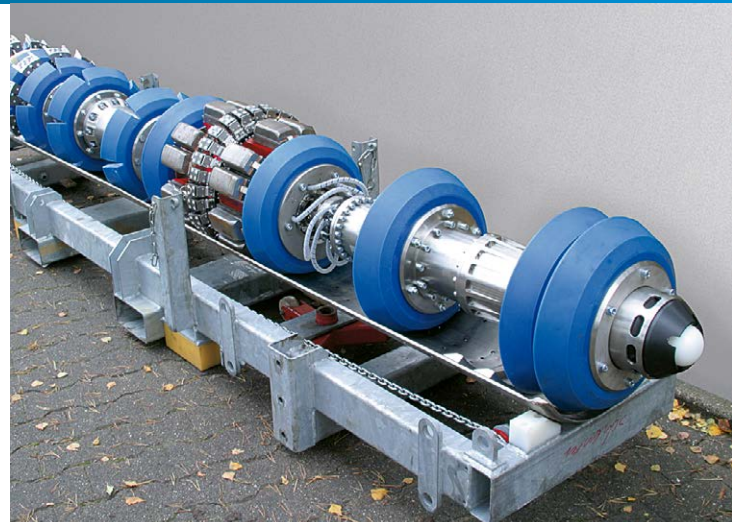
Superior  
defect sizing  
accuracy

**Metal loss and hidden steel flaws threaten the assets of operators during the entire lifecycle of a steel pipe. A precise integrity analysis with state-of-the-art NDT combinations increases the lifespan of assets, value of investment and safety of operation. ROSEN's RoCombo MFL-A/UTWM helps ensure that your high-value assets maintain structural integrity during their entire lifespan.**

## Solution

ROSEN understands and responds to customer needs concerning the protection of their investment in infrastructure as well as the requirements imposed by government organizations. The MFL/UTWM capabilities comprise off-the-shelf, ready-to-use as well as custom-made solutions for challenging applications. A worldwide service network will bring the advantages of RoCombo MFL-A/UTWM to most locations. The ROSEN experience assures highest quality, whenever and wherever needed.

RoCombo MFL-A/UTWM inspection tools are designed to apply high-level magnetization in combination with high-power ultrasonic waves in sizes ranging from 6" to 56". The combination of two NDT applications unites the best both applications offer. The tool offers single strength and exploits synergies for our customers' benefit. Continuously improved technology and applications including NDT sensors and data evaluation software places ROSEN at the leading edge.



## Benefits

- High-resolution tri-axial magnetic field analysis ensuring accurate and precise feature classification and sizing
- RSTRENG-compliant river bottom profile assessment by means of high-resolution quantitative wall thickness measurement
- Lifetime integrity management supported by full recording of the inspection raw data
- Characterization of contamination, e.g. debris, wax or paraffin, by means of sophisticated analysis of the A-scan data
- High-quality service with certified processes (API 1163), personnel qualification (ASNT), and equipment (CE, ATEX)