



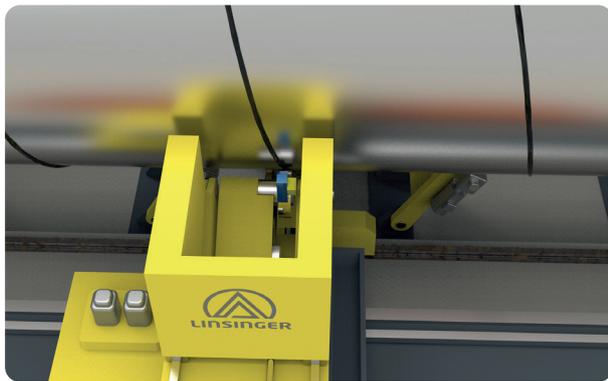
Pipe Weld Seam Milling

BENEFIT FROM OUR TOOL EXPERTISE

PATENTED PROCESS

HOW CAN WELD SEAM MILLING HELP REDUCE COATING COSTS?

Linsinger's patented process for welding seam milling can help you reduce your pipe coating costs by reducing the amount of coating material needed for each pipe. During the welding process, the weld seam protrudes which causes an additional oversize through the welded pipe. During the coating process this protrusion results in an increase in the required coating thickness which directly impacts the coating cost, especially when coating 3 Layer PP/PE pipes.



Spiral welded seam protrusion



Spiral welded seam protrusion

WHY LINSINGER WELD SEAM MILLING MACHINES?

Linsinger's weld seam milling machine can fully automatically reduce the weld seam protrusion to 0,2 – 0,5 mm ($1/128 - 3/128''$), by considering the ovality, as well as differences in diameter and offset of the steel sheets. The coating material savings that can result by using our weld seam milling machine can add up to 5 million euros per year making the payback period less than one year. The calculation was made in collaboration with one of our customers. Individual savings will vary depending on the number of pipes coated per calendar year.

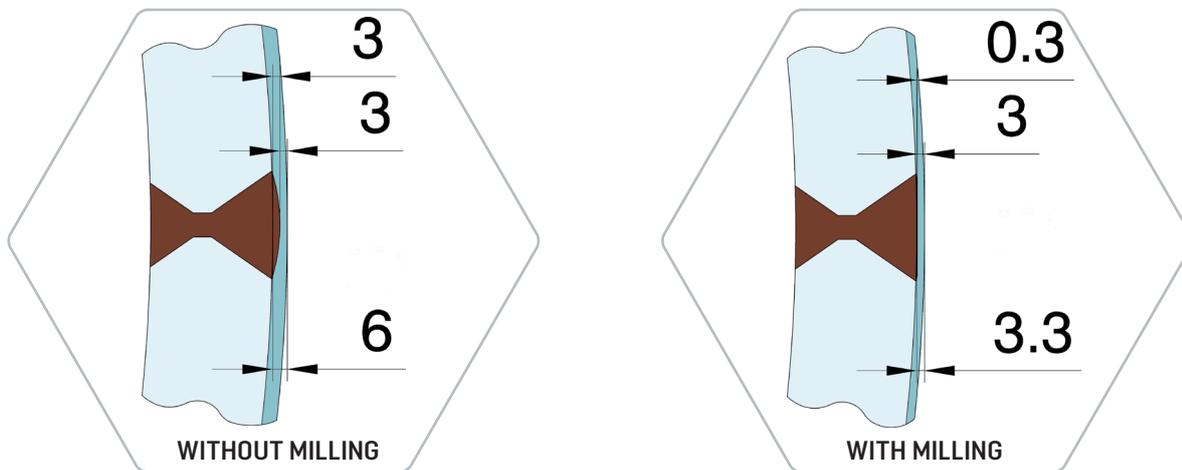
WELD SEAM PROTRUSION

YOUR ADVANTAGES

- Payback less than one year
- Residual weld seam protrusion 0,2 mm – 0,5 mm ($1/128 - 3/128''$)
- High capacity output
- Independent of line speed, 12 m/min and more possible

**SAVE
UP TO**

5 Mio. EUR
per year



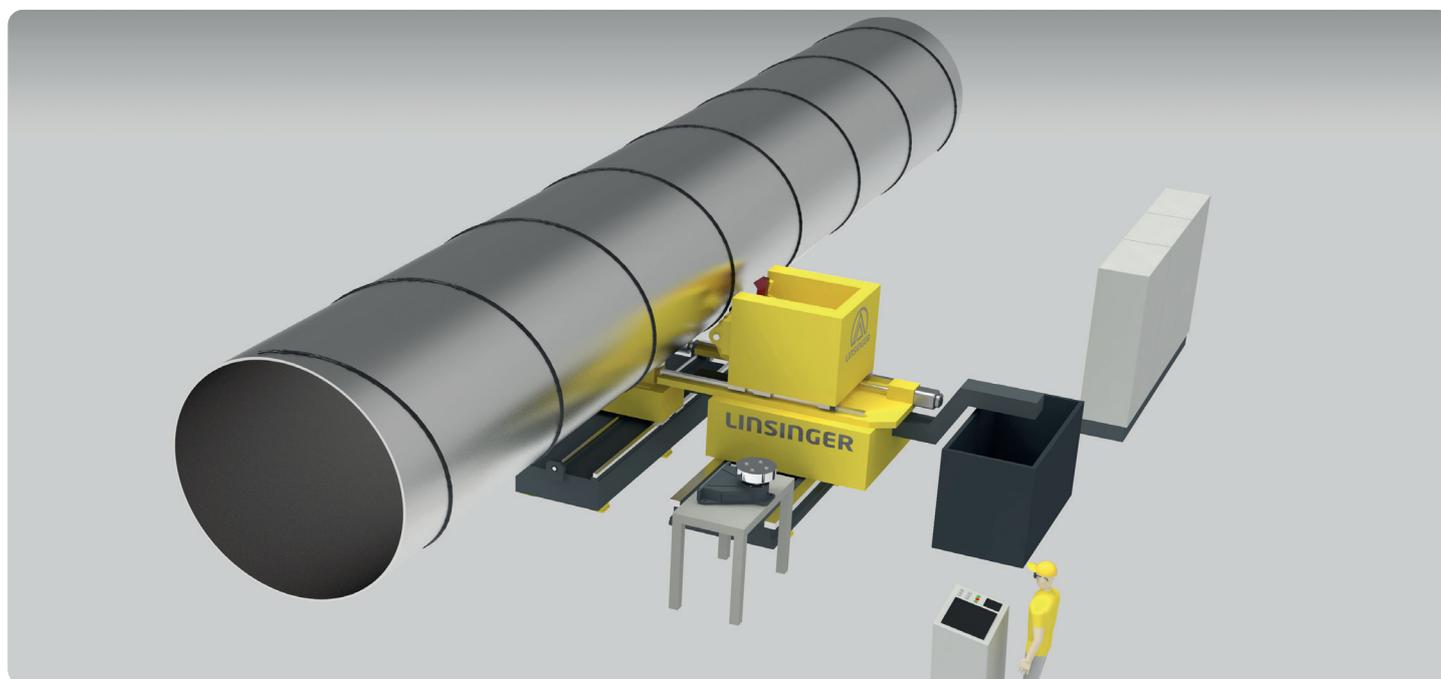
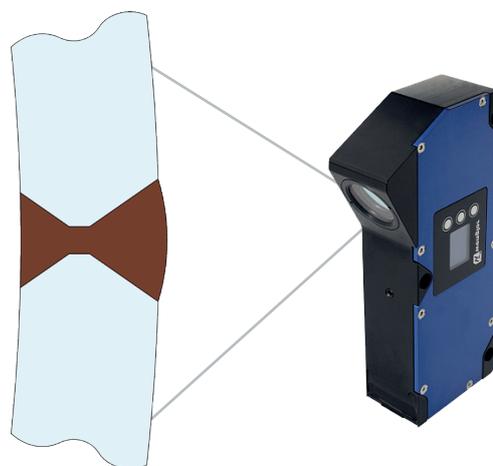
Less coating material necessary by reduction of welding seam protrusion.

LINSINGER WELD SEAM MILLING MACHINES

PRINCIPLE

Vertical milling direction enables the weld seam to be capped parallel to tube surface.

A 2D sensor accurately locates the weld seam for milling. The collected surface data in combination with the machine's precise copying function ensures that the parent material of the tube remains unharmed. To ensure proper testing of the weld seam, the machine should be located before the hydro-tester.



IN- AND OFFLINE SOLUTIONS AVAILABLE FOR:

Machine setup for Spiral Welded Tubes

- Spiral mills
- LSAW - Pipes

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