

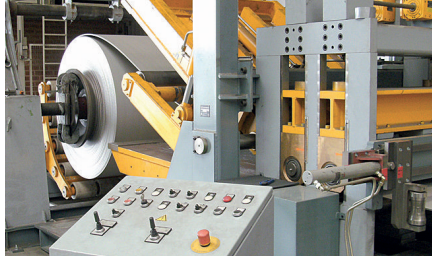
The production process from coil

1. Preparation of the coil



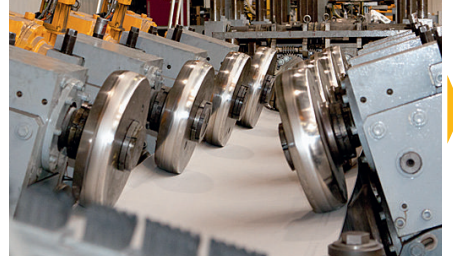
The basic prerequisite for high-quality pipes is high-quality raw material

2. Coil on the decoiler



The incoming goods inspection of the coil is performed when it is put on the decoiler

3. Forming to make an open seam pipe



The coil is formed into an open seam pipe by means of profiling rollers

4. Welding the longitudinal seam



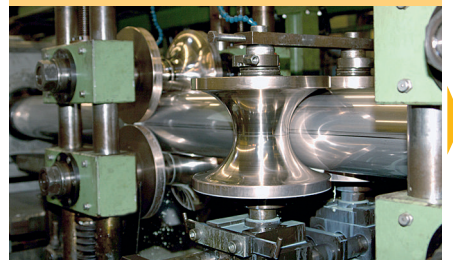
The longitudinal seam is welded using the laser beam, plasma or TIG welding process

5. Heat treatment



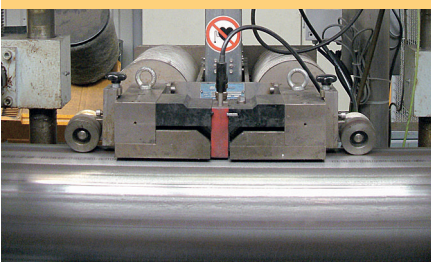
Heat treatment is performed online – in an inductive solution annealing process followed by a rapid cooling

6. Calibration procedure



The pipes are calibrated in line with the tolerance requirements

7. Non-destructive testing



A leakage test of the longitudinal weld is performed online; the equipment highlights any faulty areas

8. Cutting the pipe lengths



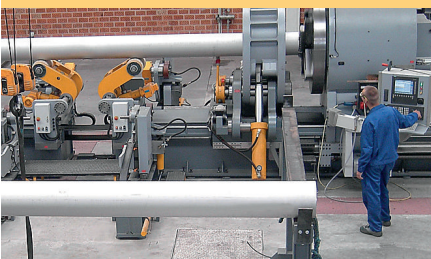
Production lengths from 6 m to 18 m are possible, as are fixed lengths

9. Non-destructive testing



X-ray or radiography testing is performed, depending on the individual project

10. Processing the pipe ends



In this stage of production, the pipe ends can be bevelled or faced

11. Surface treatment



At BUTTING, all pipes are full body pickled – this results in a passive layer to protect against corrosion

12. Quality testing



In our certified laboratory, a large number of destructive and non-destructive tests can be performed