

# Stainless steel containers for demanding filling goods



## Our manufacturing process

- Cut to length from stack or coil
- Roll-bending
- Laser welding of longitudinal seam
- Subsequent forming is easily achievable (oval, square)
- Cycle time 1 sec

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## Your advantages in manufacturing

With our proven solutions and forward-looking applications, laser welded containers and tanks made of thin-walled stainless steel are manufactured with maximum flexibility and minimum cycle times to meet the most demanding requirements: They are designed for demanding fillings, offer high corrosion resistance, are PFAS-free, absolutely gas- and liquid-tight, durable, robust and 100 % recyclable.

## The benefits of laser welded stainless steel cans

- + **High chemical inertness:** Stainless steel is neutral in taste and sensory, does not react with the contents, does not require an internal coating, and is free of PFAS and other coating or paint substances.
- + **Designed for demanding filling goods:** Stainless steel is ideal for acidic contents (low pH value), products containing alcohol, sulphurous or chemically reactive fillings, hot filling and thermal processes.
- + **Robust, durable and sustainable**

Manufacturing using laser beam welding guarantees:

- ✓ Nearly invisible, smooth weld seam – no perceptible edge
- ✓ Excellent hygiene through smooth surfaces
- ✓ Very high corrosion resistance of the seam zone
- ✓ Ideal for thin-walled stainless steel materials (0.3 – 0.5 mm)
- ✓ Absolutely gas and liquid tight
- ✓ Welding without additives for a particularly clean finish
- ✓ High impact, scratch and pressure resistance
- ✓ Ideally suited for reusable, refillable and premium applications
- ✓ Extremely long storable
- ✓ 100 % recyclable
- ✓ Ideal for brands and products with focus on quality and sustainability

## Weil Technology

Weil Technology's core competence lies in machines for sheet metal processing using laser welding and cutting. We can look back on over 35 years of experience in this field. At our headquarters in Müllheim in southern Germany, around 250 employees develop and manufacture our concepts, machines and interlinked systems.

**Weil Technology GmbH**  
Neuenburger Straße 23  
79379 Müllheim  
Germany



For further information see:  
[www.weil-technology.com](http://www.weil-technology.com)