

## **Production facilities further expanded: BUTTING invests in 3D laser cutting machine**

As part of its extensive production capacity, BUTTING has a versatile and sophisticated laser machining centre. The use of lasers opens up many options both in relation to welding pipes manufactured by ourselves and for machining these pipes into ready-to-install assemblies.

The latest investment in the BUTTING laser centre is a fully-automated laser cutting machine to shape pipes and profiles in three dimensions.



Compared to traditional methods, the laser process is particularly cost-effective: for example, high cutting and welding rates can be guaranteed, together with reproducibility in all possible geometries.

The expansion of capacity is focussed on flexibility, profitability, reliability and consistent quality. The use of a movable 3D focussing head allows different contours and geometries to be cut, in any position from the vertical to a 45° angle. Depending on the field of use, not only standard materials, but also special high-alloy materials and titanium and aluminium alloys can be processed.

Two fully-automated pipe feeders allow circular pipes up to Ø 220 x 12 x 6,500 mm to be worked, along with square, rectangular, oval and special profiles up to 200 x 200 x 6,500 mm, all in three dimensions.

The high speed and precision of the machine enable the production of components with very fine tolerances and complex geometries. All contact points on the machine are also plastic-coated, to protect the pipe surfaces from superficial damage, and the plant is also equipped with a facility to clean the inner surfaces of the pipes. The laser cutting machine is suited to machining both individual and mass-produced components.

Exact laser machining results are a key quality criterion for BUTTING when components are further processed into ready-to-install assemblies for use in a variety of areas – from mechanical engineering through food production to pump technology. Our well-qualified staff and efficient machinery guarantee a high degree of quality and productivity – you can rely on us.

**BUTTING – Progress by Tradition**