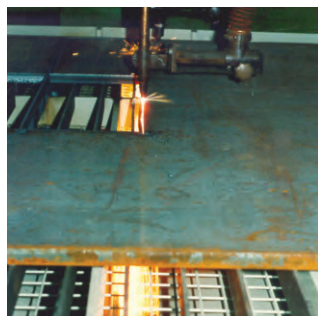


WE CLEAN THE AIR.



GAS CUTTING BENCHES BT



APPLICATION RANGES

Gas cutting benches, model BT, are designed for thermal processing, such as autogenous gas cutting, plasma gas cutting as well as laser cutting of sheet metals having a maximum thickness of 200 mm. Heat supply must not exceed 50 kW.

SERVICES PROVIDED BY THE CUSTOMER

- Plane, firm ground or foundation (concrete slab).
- Compressed air supply piping ½ inch, 6 bar with compressed air regulator unit.

ACTUATION

The gas cutting bench consists of several sections. Only the section over which the burner crosses is exhausted.

Each section is connected with the exhaust duct, attached at the side, and is connected or disconnected by a pneumatic shutting flap.

Next to the gas cutting bench, a Z sheet plate with integrated roller lever valves is installed. An angle plate which is approx. 100 mm longer than the maximum width of the section is attached to the customer's burner frame.

As the burner crosses over from one section to the next, the sections overlap and 2 flaps are open simultaneously for a short amount of time.

COMPRESSED AIR

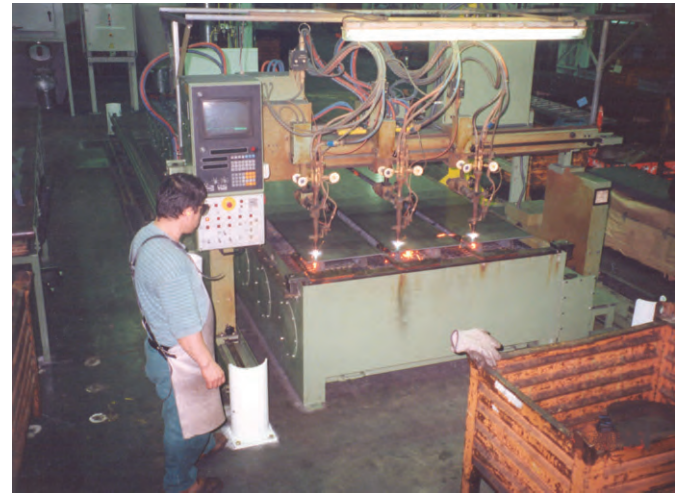
The pressure in the compressed air piping must be at least 6 bar. In addition, a compressed air regulator unit, consisting of fine filter, pressure reducer, and automatic condensation drain, must be superposed.



WASTE DISPOSAL

The gas cutting bench consists of a framed part and inserted part.

The framed part is permanently fixed to the floor and in which the slag is collected. The sheet plates that are to be worked on can be placed on top of the inserted part which can be lifted out of the frame by the hall crane.



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LIST OF REFERENCE ADDRESSES IN GERMANY

Claas, Beelen
Stahlbau H.M. Schmidt, Kirchheim
Klein, Aichschieß
MTU, Munich
Liebherr, Ehingen, Biberach, Bad Schussenried
Kleemann & Reiner, Faurndau
Kobra, Lengenfeld
Eisenbau Heilbronn, Heilbronn
Odenwald GmbH, Bretten
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