



APPLICATION RANGES

Gas cutting benches, model BT, are designed for thermal processing, such as autogenous gas cutting, plasma gas cutting, and laser cutting of sheet metals having a maximum thickness of 200mm. Heat supply during the thermal process 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.

COMPONENTS

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 approximately 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 opened 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 an inserted, inner part.

The framed part is permanently fixed to the floor in the area where 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.

Gas Cutting Benches BT



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