



Portable Cutting Machine PILOT

KEBE

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The PILOT is a transportable hand gas cutting machine for a wide range of applications. It is specially designed for parallel straight line cutting. Circle cuts with the PILOT is, of course, also possible. By reason of its high cutting speed (max. 2500 mm/min.) the machine can also be used for plasma cutting and CO₂ welding. When parallel cutting, I, V, X, Y and K cuts can be made by setting up the burners accordingly. The clearance of the nozzle of each burner from the work piece is automatically controlled by means of a jockey wheel. The vertical movement of this jockey wheel is 50mm.

Different models of the PILOT make it possible to strip cut from 85-1200mm wide. Extremely fine adjustment of each burner in the vertical plane and each burner assembly in the transverse plane is made possible by rack and pinion. The PILOT has a thyristor control with which the cutting speed can be infinitely varied and precisely set. The machine is fitted with an over riding clutch, and with motorized forwards and reverse travel. Carrying grips at both ends of the housing make it easy to transport the PILOT. A special track is needed for the PILOT, and this is supplied in lengths of 1500mm.

Technical data

| Machine sizes | | 600 | 1300 |
|---|----------|--|----------|
| Max. lateral adjustment (1 burner) | [mm] | 250 | 950 |
| Max. parallel cut (unilateral burner positioning) | [mm] | - | 425 |
| Min. parallel cut (unilateral burner positioning) | [mm] | - | 85 |
| Max. parallel cut (bilateral burner positioning) | [mm] | - | 1200 |
| Min. parallel cut (bilateral burner positioning) | [mm] | - | 325 |
| Max. circle cut | [Ømm] | 2000 | 3400 |
| Min. circle cut | [Ømm] | 120 | 120 |
| Number of burners | | 1 | 2-3 |
| Cutting thickness (1 burner) | [mm] | 3-250 | 3-250 |
| Cutting thickness (2 burners) | [mm] | - | 3-125 |
| Cutting thickness (3 burners) | [mm] | - | 3-75 |
| Cutting speed | [mm/min] | 100-2500 | 100-2500 |
| Connection voltage ¹⁾ | [V/Hz] | 220/50 | 220/50 |
| Input power | [VA] | 100 | 100 |
| Fuel gases | | Acetylene / Propane / City gas / Natural gas | |

¹⁾ Other connection voltages on request

The right to make technical modifications is reserved.



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