

Technical data-sheet for Welding-head SK-2020

Manufacture:

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Benefits:

- Welding-head for up to max. 500 N welding force
- Due to modular principle highest compatibility to other KombiTec products
- Compact, but highly flexible construction with lowest possible weight
- Precise positioning-accuracy, stability and robustness due to pre-stressed ball-bearings
- Highest reproducibility through shape-connection
- Outstanding repositioning behaviour due to unstressed anti-torsion units

Application areas:

Suitable for all standard weldings, like:

- Lightning industry: tungsten-filaments welding to molybdenum-pins in light-bulbs
- Automotive industry: welding of contacts in moulded plastic-parts with other parts
- Electrical industry: resistors to contacts, capacitors to solenoids, stranded wires to contacts
- Electronic industry: Very small, small and medium sized products
- consumer industry: small sized parts

Technical changes:

Technical modification and price changes without notices. All dimensions are in „mm“.
No liability can be accepted for printing errors.

Technical data:

Infeed unit:

pneumatically cylinder, available cylinder and corresponding forces are:

→ Ø16mm → 100,0 N

→ Ø20mm → 185,0 N

→ Ø40mm → 500,0 N

Medium pressed air:

filtered 5µm, free of water / dried, oiled or un-oiled

Pneumatic fittings:

G1/4"

Pneumatic hose:

Ø 6 mm

Working pressure:

3 – 7 bar

Working temperature:

0°C – 60°C

Repeatability:

± 0,01 mm

Max. weight of electrode holders:

< 1,0 kg

Max. stroke:

20 mm

Air consumption per cycle:

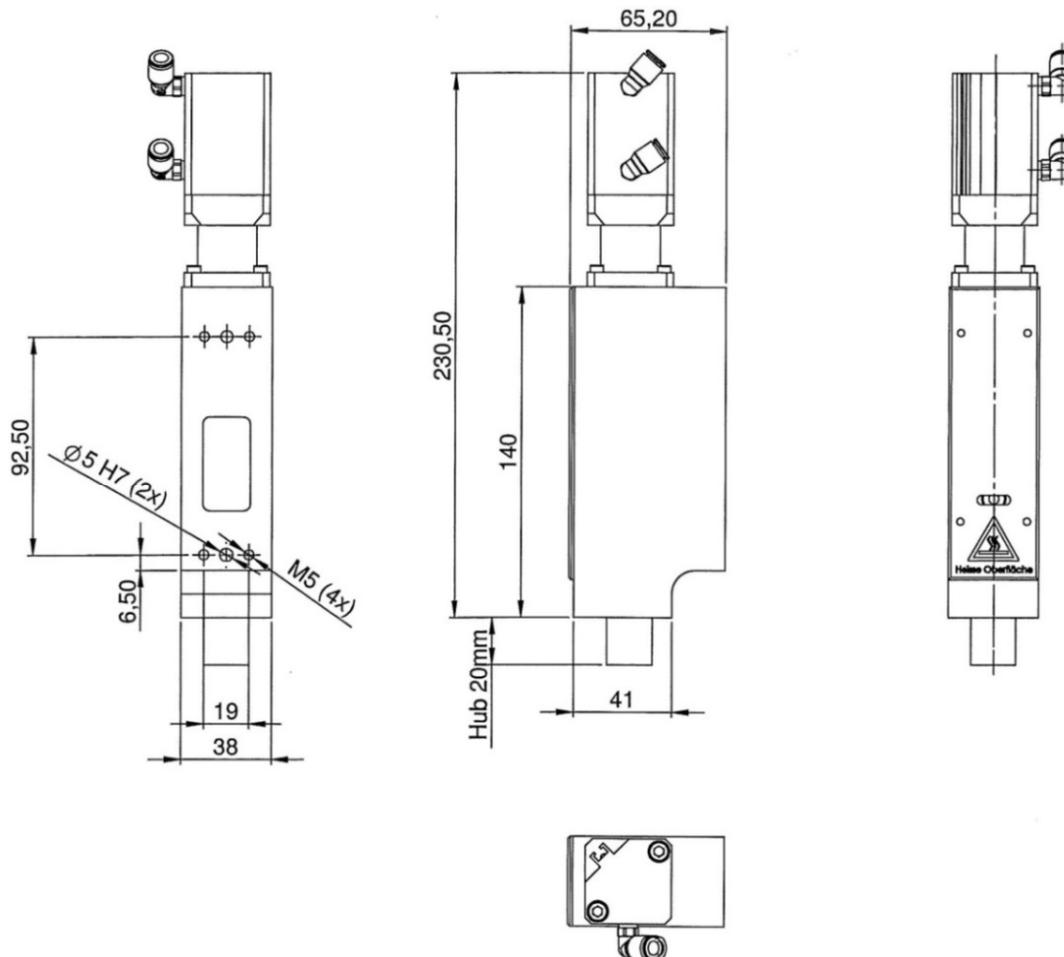
0,15 L (at 5 bar and max. stroke)

Total weight:

2,8 kg

Max. current:

5,0 kA at 20%ED



Picture: Dimension welding head SK-2020 without fixing/ mountings

Welding-head SK-2020

Option of configuration:

