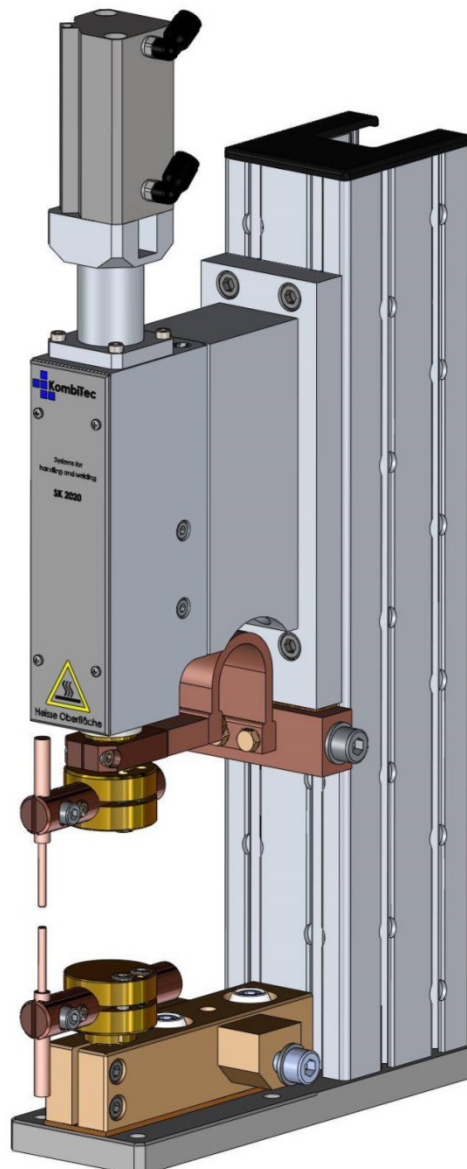


Technical data-sheet Welding-head SK-2020

Name and address of manufacturer:

KombiTec GmbH
Westendstraße 5
D-87488 Betzigau / Germany

Tel: +49 (0) 831 / 960 398 - 0
Fax: +49 (0) 831 / 960 398 - 10



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 constructed 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:

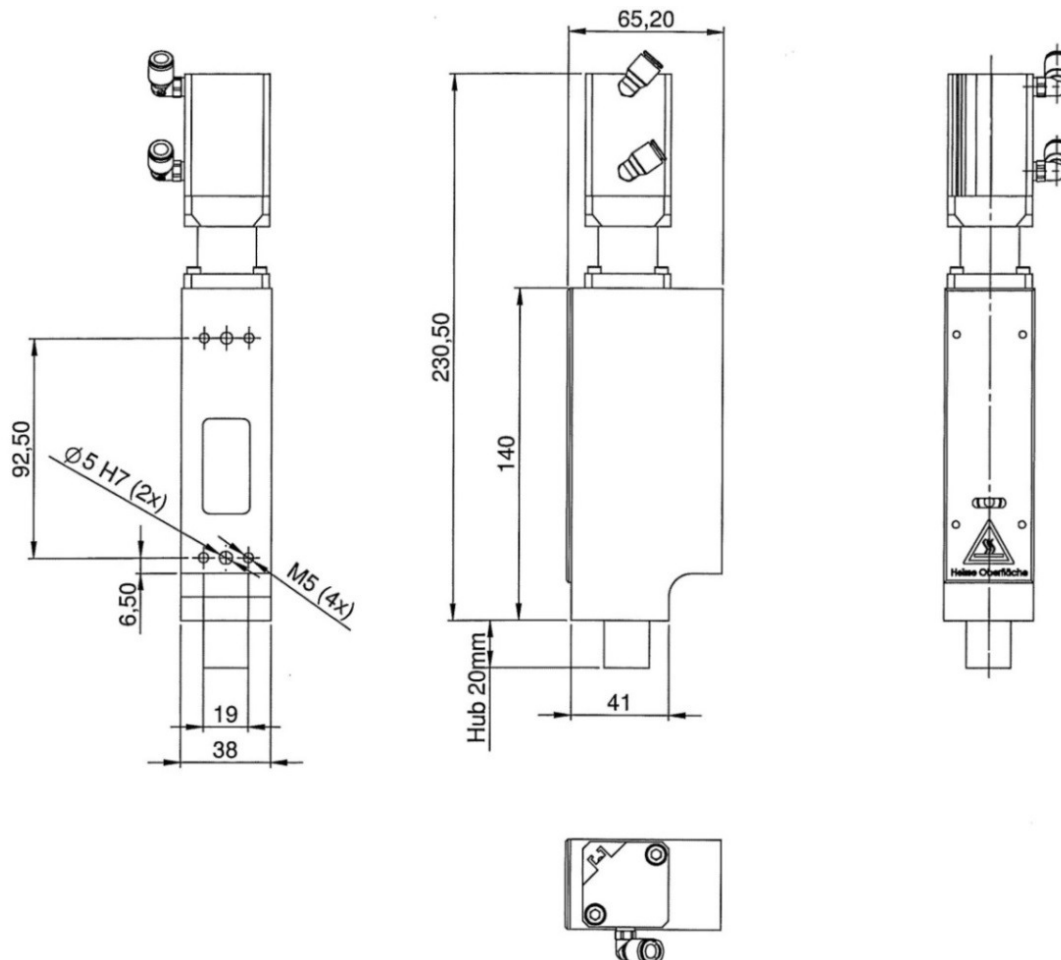
- Lightning industry: tungsten-filaments welding to molybdenum-pins in light-bulbs
- Automotive industry: welding of contacts in moulded plastic-parts with other parts
- Electrical industry: resistors to contacts, capacitors to solenoids, stranded wires to contacts
- Electronic industry: Very small, 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:	pneumatic cylinder, available cylinders and corresponding forces are: → Ø 16 mm → 100,0 N → Ø 20 mm → 185,0 N → Ø 40 mm → 500,0 N
Medium pressed air:	filtered 5 µm, free of water / dried, oiled or un-oiled
Pneumatic fittings:	G1/4"
Pneumatic hose:	Ø 6 mm
Working pressure:	3 – 5 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

Options for configuration:

