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Technical data sheet for Compacting-unit KWZ-10

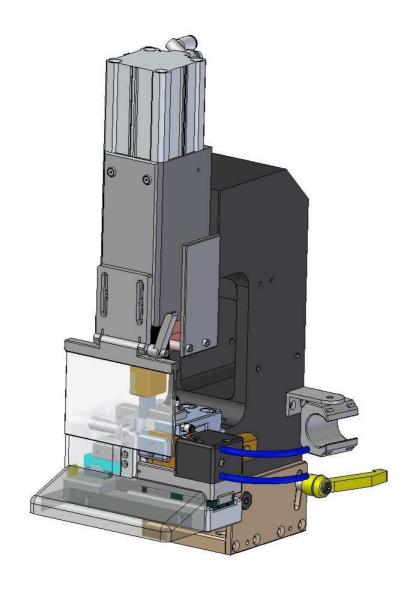
Manufacture:

KombiTec GmbH

An der Römerstr. 1

D-87488 Betzigau

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Benefits:

- Compact, flexible construction
- Precise positioning-accuracy, stability and robustness due to pre-stressed ball-bearings
- Highest stiffness through shape-connection
- · highest reproducibility of given shape- and dimensions
- · Simple adjusting of sensors and stroke
- · Welding heads individually adjustable
- Simple upgrading opportunities of distance-control and force measuring devices
- Life-time optimized due water-cooled electrodes

Application areas:

- Stranded wires between 0,5 mm² ca. 12,0 mm²
- · precise compacting of multi-wires
- Maximum compacting length 15,0 mm

Technical changes:

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



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Technical data:

Cylinder-diameter of drive: Ø 40 mm / Ø 63 mm

Theoretical force (at 5 bar): ca. 1.500 N (move out, with Cyl.-Ø 63 mm)

Pressed air: Filtered, 5 µm, oiled or dry

Pneumatic fittings: G 1/4" / G 1/8"

Pneumatic hose: Ø 6 mm and Ø 8 mm

Working pressure: 3-7 bar Working temperature: 0 °C - 60 °C Repeatability: $\pm 0,01 \text{ mm}$

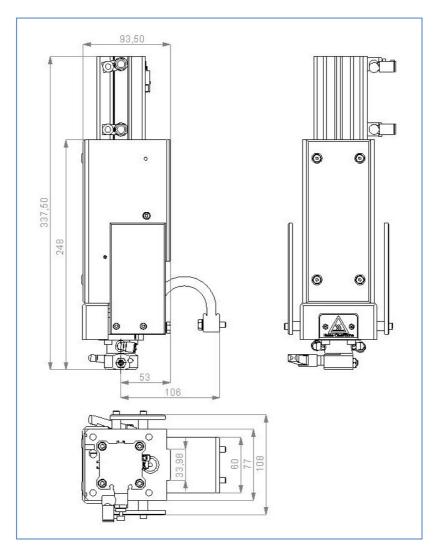
Max. Weight of the electrode holder: m = 1 kg

Max. Stroke:

Max. Hub: 50 mm

Air consumption per cycle: 0,20 I (at 5 bar and max. stroke)

Total weight: ca. 12,5 kg (without welding head stator)





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Option of configuration:

