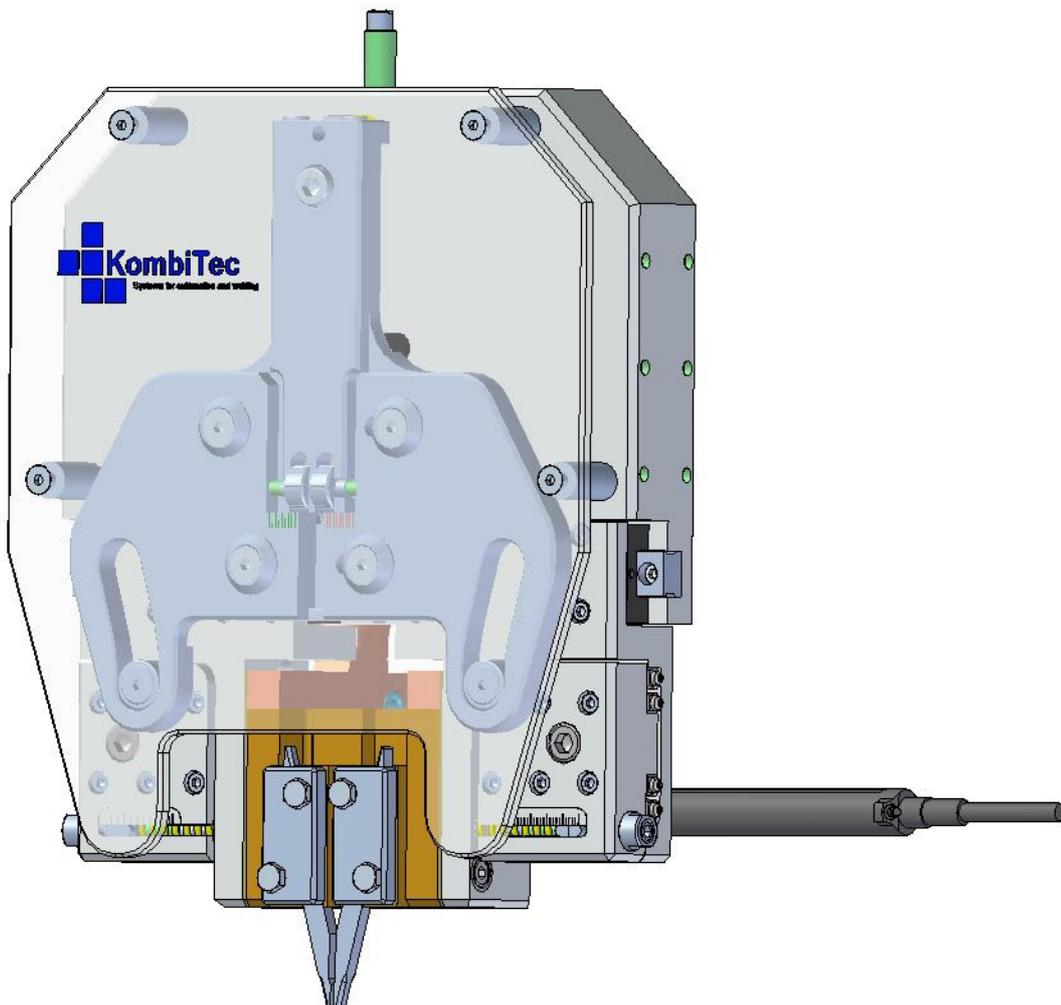


# Technical data-sheet Welding-pincer SZ-2030

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### Benefits:

- Welding-pincer with welding-forces between 20 and 300 N
- 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 roller-bearings
- Best reproducibility by plunging scenes
- Due to loaded springs fastest response while welding
- Simple upgrade-opportunity for displacement-sensors

### Application areas:

Suitable for weldings especially in sub-optimal reachable positions.  
Typical applications for these high-performance-pliers are:

- Light industry: Tungsten-filaments welded to molybdenum pins
- Automotive: moulded stamped parts welded with sensors
- Electric / Electronical: elements and wires to circuit boards or substrates
- Energy technique: contacts for solar power generators and equipment
- Production of sensors: micro-, small- and medium-size applications
- Consumer goods production: small size spot welding applications

### Optional available:

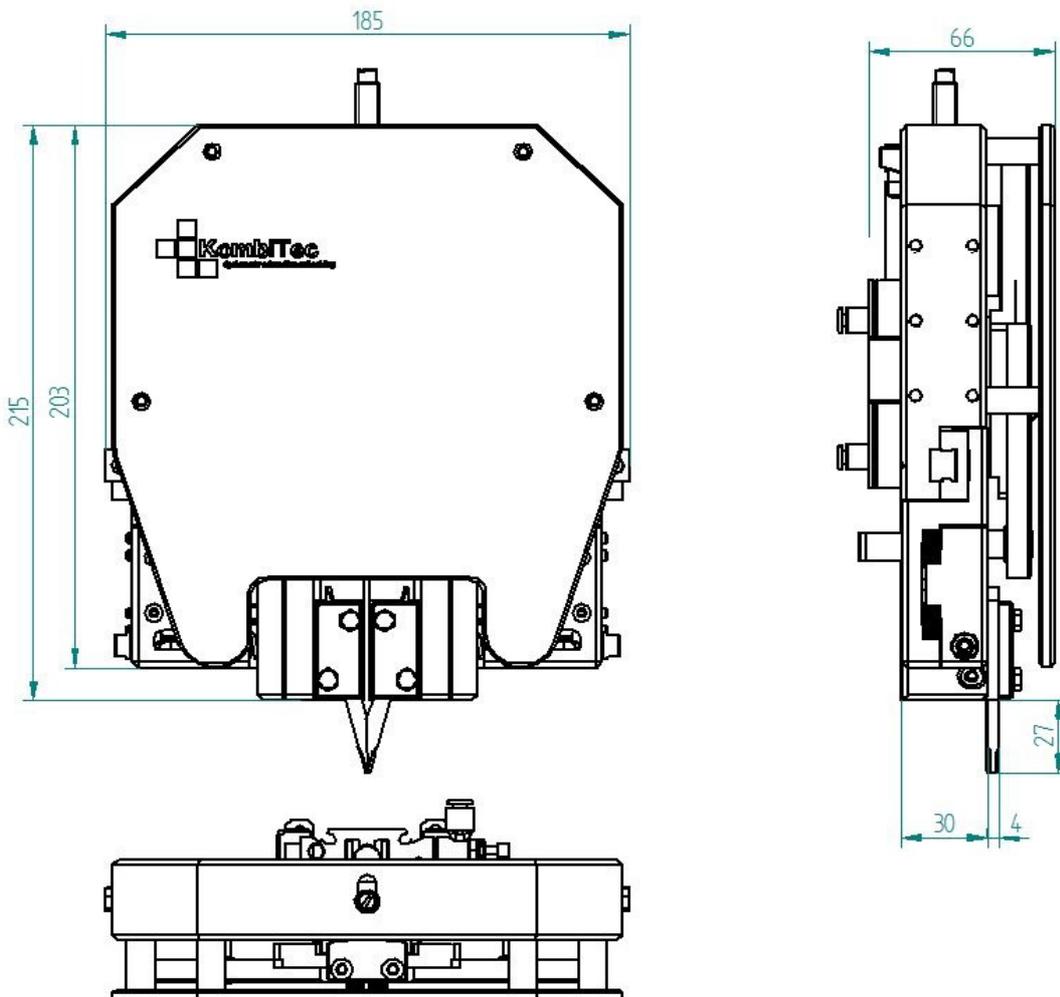
- „Swimming“-positioning unit of pliers available
- Digital displacement-sensors (resolution 1,0 µm)
- Portal to mount plier horizontal or vertical
- Portal to swiveling plier

### Technical changes:

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

### Technical data:

Working pressure:	3 – 5 bar
Pressing force between electrodes:	30 N up to max. 300 N
Medium pressed air:	filtered 5 µm, free of water / dried, oiled or un-oiled
Pneumatic hose:	Ø 6 mm
Working temperature:	0° C – 60° C
Repeatability:	± 0,10 mm
Working temperature:	0° C – 60° C
Max. stroke of electrodes:	8,0 mm
Max. displacement-stroke:	6,0 mm
Air-consumption per cycle:	approx. 0,05 L (at 3,0 bar)
Total weight:	ca. 4,8 kg (net)



**Picture: Dimension welding-pincer SZ-2030 with pneumatic drive, without mounted attachments**

## Welding-pincer SZ-2030

Options for configuration:

