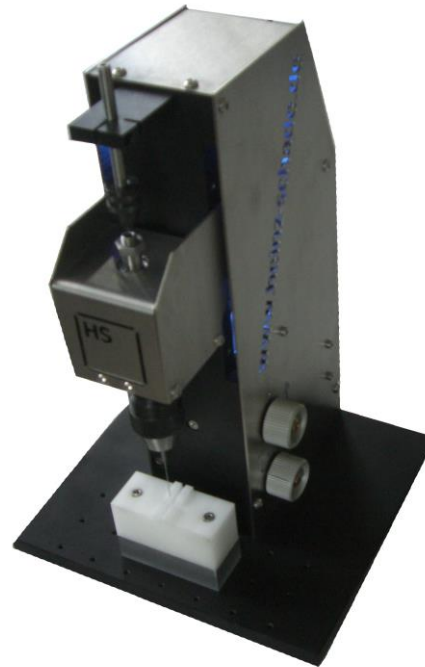


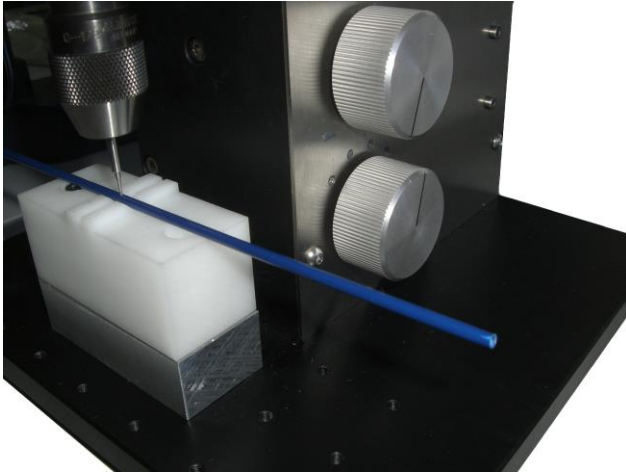
## Tube-Driller KIWI and Axis KX-100

**The KIWI is an automatic PC-controlled tube-drilling machine. All types of tubes can be drilled with the KIWI. Hollow drills guarantee a clean and exact drill bore.**

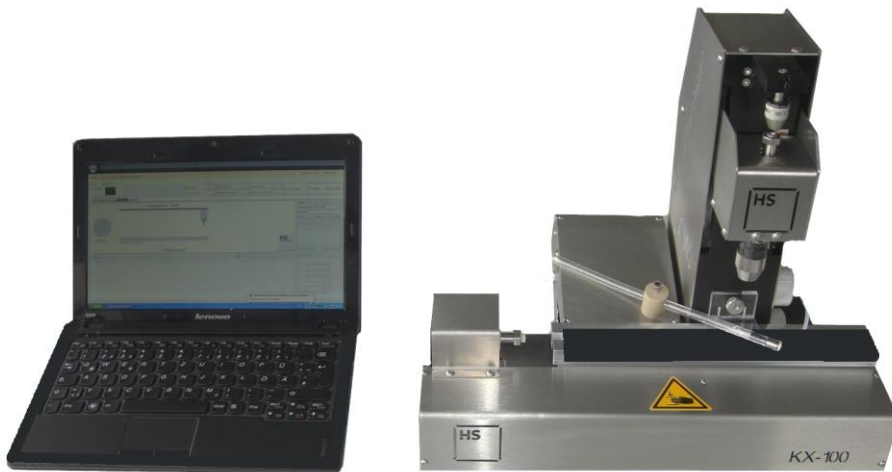


The KIWI is a tube driller to drill all kind of holes in all kind of tube materials. The tube holder is adjusted on customer requirement and can be fast and easy changed. To program the turning speed or the drilling depth, the including software is used. The program can be choose by the knob on the side of the machine. Also the drilling depth can be fine adjusted by the knob. To start the drilling process, choose the program, load the tube and start the drilling by using the footswitch.

The Kiwi can optional armed with a linear axis like the "KX-100". So the tube-driller is fully PC-controlled and can be connected to a host. The positions of the holes to be drilled can be freely programmed in length and angle using the provided software. The drill feed rate and the drilling depth can also be freely programmed for each individual hole. The PC support makes it possible to create and store a virtually unlimited number of different hole patterns. Every drilled tube can be retrieved from a history. Because there is a user account control you can decide which user can create, delete or change programs.



Customized holder for every kind of tube. Knobs to program choice and fine adjustment of the drilling depth.



“KIWI” including exhausting system, axis “KX-100” and PC.

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**Heinz Schade GmbH; Schießwiesenstraße 18; D-72766 Reutlingen**



## Technical Data

- Materials:** All standard materials – PA, PE, PU, PTFE, Silicon, ...
- Drill mounting:** Standard precision chuck for drills from 0.1 to 3 mm.
- Tube diameter:** Approx. 0.5 - 35 mm or according to the customers' request.
- Reproducibility:** Length approx. 0.1 mm, angle <math><1^\circ</math> (depending on tube).
- Control:** Programming via Windows PC with the enclosed software.
- Input:** Start position, position before drilling, turns of driller, Push out position, V-driller, End position, WaitTime, ...
- Dimensions without PC:**  
Kiwi: (L/W/H) 200 x 220 x 350 mm, Weight: 7.5 kg  
Kiwi and KX-100: (L/W/H) 260 x 400 x 350 mm, Weight: 11 kg
- Housing:** Clean room-compliant design, top made of stainless steel.
- Connection:** DC 24V/70W over extern power supply, USB-port.
- Scope of Delivery:** Machine, Footswitch (only separate Kiwi), Software, Dongle Operating Instructions in English.
- Accessories:** Holder for other diameters, driller, hollow core driller, liner axis, heating unit, exhausting system, PC-Win 7/8 for programming.
- Miscellaneous:** Special sizes and customizations on request.



Made in Germany

**All specifications are subject to change without notice.**

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