

# Product information

## Zünd 1kW router head

The new R45s router head with servo-controlled Z-axis offer outstanding speed, productivity and versatility.

The powerful and durable 1kW routing module is offered in combination with a multifunctional tangential module (Tz-R45s) or as a single tool head with pen (R45s-P20). The heads are available for standard 30mm (1.18 inch) and increased 60mm (2.36 inch) beam clearance. For fast and easy changes of router bits, a pneumatic router fixing is offered as an option. All 1kW heads are available for new Zünd cutters and, as an upgrade, for existing PN-series machines.

Materials such as acrylics, aluminum sandwich plates, MDF etc. can be processed up to a thickness of 26mm (1 inch). Softer materials such as foam boards, corrugated material, etc. can be routed with a thickness of up to 50mm (1,95 inch) – provided the machine has 60mm (2.36 inch) beam clearance.

The Tz(s)-R45s tool head combines powerful routing with multifunctional cutting capabilities. The tangential module can be fitted with any Zünd tool insert such as standard knife,

oscillating knife, kiss-cutting tool, creasing tool, driven rotary knife and even a second router (150W).

### 1kW high-performance router

- for routing materials up to 25mm (1 in.) optional 50mm (2 in.)
- servo-controlled z-axis
- user-selectable rpm (5,000-50,000/min)
- high-performance dust extraction



#### Feature / specifications

1000Watt spindle for all R45s-router versions

collets available: 1/8" and 1/4", resp. 3mm and 6mm

ceramic bearings with lifetime lubrication

step less revolutions/min controller (5'000 to 50'000 rpm)

routing speed of up to 660mm/s

not incl.: air compressor (60–80 l/min), indus. vacuum cleaner

**Headquarter**  
**Zünd Systemtechnik AG**  
Industriestrasse 8  
CH-9450 Altstätten  
T +41 71 757 81 00  
F +41 71 757 81 11  
info@zund.com  
www.zund.com

**ZÜND**  
swiss cutting systems