

Automatic Router Bit Changer - ARC

The fully automated Zünd router bit changer ARC simplifies tool handling and significantly increases routing quality and efficiency.

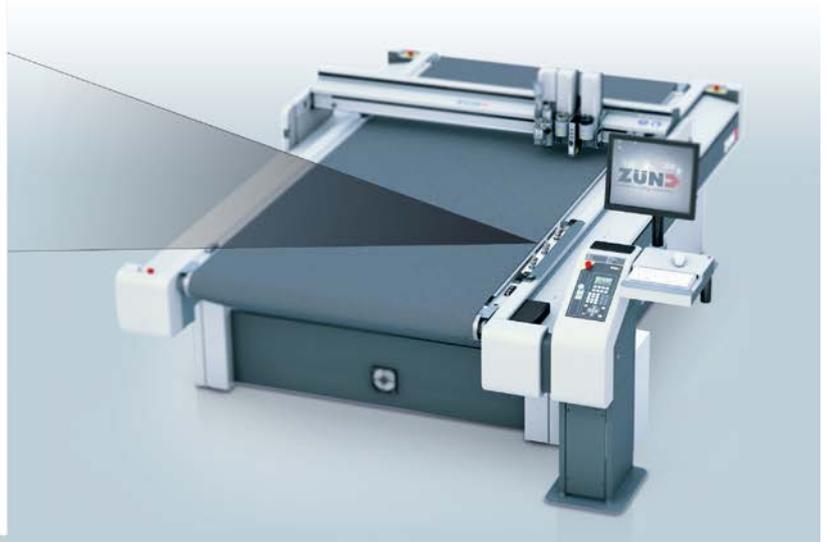
The automatic router bit changer makes routing, polishing, and engraving more efficient and cost-effective than ever. The router bits required for processing are automatically selected, clamped, initialized, and cleaned after use. This significantly reduces the time required for bit changes.

While the cutter is operating automatically with maximum efficiency, quality control is ensured at all times: the integrated initialization system ITI verifies the zero point after each tool fitting, thereby ensuring constant, precise routing depths.

In addition, the ARC optimizes production by helping to prevent operator error. Especially with routing jobs that require a variety of routing, polishing, and engraving bits, manual changes significantly increase the potential for error. The ARC makes mishandling router bit changes next to impossible.

The ARC also offers automatic wear tracking so the operator knows at all times how long each bit has been in use. This effectively eliminates the risk of using a worn bit that will negatively impact routing quality.

The magazine of the ARC can accommodate eight router bits. In the standard configuration, six positions are available for regular bits and two for specialty bits, e.g. for v-grooving. If necessary, the magazine can be configured with two replacement holders so all eight slots accommodate standard bits. A cleaning station adjacent to the magazine ensures that each bit is cleaned with compressed air before being returned to its slot. During routing, the ARC is automatically lowered and sealed with a protective flap to keep out dust and debris.



ZST-12-2015-m&k

Details

Only suitable for routers with stop ring.
A wide selection of suitable bits available from Zünd.

The standard configuration comprises six slots for standard router bits and two slots for specialty bits.

Required configuration for using the ARC:

- Integrated Tool Initialization - ITI (on right)
- Router modules RM-A, 1 kW, QC
(suitable for router bits with 6 mm shaft diameter)

Full support by ZCC from version 2.5.0

Compatible with **G3** cutters with 60 mm (2.36 in) beam height.

Benefits at a glance

Full automates router bit changes – from selecting the correct bit to clamping, initializing, and cleaning after use.

Significant time savings and increases in routing quality.

Accurate tracking of the time each bit has been in use.

Automatic cover keeps the magazine free of dust.