

# Universal Routing Tool - URT

## G3 S3

Uses for the 300W routing tool range from routing to engraving a wide range of materials. The URT is complemented by a comprehensive range of routing and engraving bits.

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At the heart of the URT is a 300 W router spindle which operates at up to 80,000 rpm, depending on material and application. In combination with the 3 mm bits Zünd offers, this routing/engraving tool delivers solid performance in a wide range of applications.

In a few quick steps, the URT can be converted from routing to engraving. In Engraving mode, the height of the tool relative to the material surface can be precisely adjusted with a micrometer screw.

This ensures precision engraving, with consistent line widths and depths.

In routing mode, the URT impresses with a feature that allows for processing thicker, more challenging materials in multiple passes. The URT is equipped with a sophisticated dust-collection system.

In contrast to the RM-A where this is an automated process, the dust-collection collar is adjusted manually for the height of the material being cut.

The airflow from the dust-extraction provides effective cooling of the router bit as well as the spindle, which significantly increases their longevity.

For more challenging routing applications that involve materials such as aluminum or acrylic, Zünd recommends using the more powerful RM-A routing module.



### Details:

Power: 300 Watt

Speed: 10,000 - 80,000 rpm

Max. material thickness in routing mode: 13 mm/0.51"

Max. material thickness in engraving mode: 14 mm/0.55"

Uses 3 mm router bits

Compressed air: 0.6 MPa, 60 L/min

### Benefits at a glance:

Simple conversion from routing to engraving.

Efficient cooling to maximize longevity of bit and spindle.

Suitable for routing/engraving all common materials.

Can be used in UM/UM-S modules.

The URT is fully supported by ZCC software.

G3 cutter: the URT can be used in combination with an RM-A. A vacuum switch to divert suction from one tool to the other is available.



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