

# Universal Module Speed/Power - UM-ZS/ZP

The Universal Module accommodates a wide range of tools. To satisfy different requirements, the UM is available in two versions - one designed especially for speed, the other for power.

The Universal Module accommodates a very wide range of Zünd tools. These tools can be used for different applications and may require different module characteristics. For this reason, the Universal Module is available in a «speed» or a «power» version.

The two modules differ primarily in terms of downward pressure and lifting/lowering speeds: The Z-axis speed of the UM-ZS is very high, which significantly reduces pro-

cessing times. This is especially true for applications that involve complex contours since the time for lifting/lowering the tool in corners is reduced.

In contrast, the Z-axis of the robust UM-ZP module is particularly powerful and can exert a great deal of down-ward pressure, which makes it ideal for creating applications or other processing methods that require a lot of force.

Both modules have tool recognition capabilities: a sensor registers whether or not a tool is inserted in the module. A convenient bayonet closure makes tool changes especially quick and easy. Depending on requirements, both modules can be operated in pressure or position mode.



## Details

Universal module for a wide range of tools.

Compatible with **G3**.

## Advantages at a glance

Bayonet closure for quick tool changes.

Tool registration detects automatically whether a tool is inserted in the module.

An optional glide shoe is available for processing uneven materials.

Two processing modes possible (pressure and position).

# Performance characteristics

## Universal Module Speed - UM-ZS

With the UM-ZS, you can achieve significant increases in productivity! Superior acceleration and lightning-fast Z-axis speeds provide very high stroke frequencies and deliver significantly higher throughput.

Universal Module Speed - UM-ZS
Pressure settings: 2-10 kg
Lifting/lowering speed: 500 mm/20" per s
Acceleration: 10 m/400" per s <sup>2</sup>
Greater processing speeds & throughput.
Recommended for use with the following tools: <ul style="list-style-type: none"><li>• Motor-driven cutting tools: EOT, POT, PRT, DRT</li><li>• Routing insert: URT</li><li>• Drag-knife cutting tools: UCT, KCT, SCT, VCT, PPT</li><li>• Drawing tool: UDT</li><li>• Braille tool: RBT</li></ul>

## Universal Module Power - UM-ZP

The robust UM-ZP module was developed especially for processing methods that require a lot of force. Capable of up to 30 kg of down pressure, this module delivers a significant increase in productivity, particularly in conjunction with creasing tools. The module also allows for very efficient cutting with the Wheel Knife Tool - WKT for applications involving technical textiles, fiberglass and carbon fiber.

Universal Module Power - UM-ZP
Pressure settings: 3-30 kg
Lifting/lowering speed: 200 mm/8" per s
Acceleration: 3.3 m/130" per s <sup>2</sup>
Very high creasing quality, greater efficiency (fewer passes).
Recommended for use with the following tools: <ul style="list-style-type: none"><li>• Creasing tools: CTT1, CTT2, CTT3</li><li>• Wheel-knife cutting tool: WKT</li></ul>

ZST-09-2013-m&k\_sfr