

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 processing 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 downward pressure, which makes it ideal for creasing 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**, **D3**.

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 s²

Greater processing speeds & throughput.

Recommended for use with the following tools:

- Motor-driven cutting tools: EOT, POT, PRT, DRT
- Routing insert: URT
- Drag-knife cutting tools: UCT, KCT, SCT, VCT, PPT
- Drawing tool: UDT
- Braille tool: RBT

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 s²

Very high creasing quality, greater efficiency (fewer passes).

Recommended for use with the following tools:

- Creasing tools: CTT1, CTT2, CTT3
- Wheel-knife cutting tool: WKT

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