

Punch Module - PUM

The Punch Module is a combination high-performance tool for perforating and marking leather, rubber, and textiles.

The Punch Module is designed to perforate leather materials as well as rubber and textiles, and process all of these at impressive speeds. This module comprises two independently-operated punching tools as well as a pen module that accommodates a variety of drawing/plotting tools.

The punch tools are precisely positioned at the desired location and pneumatically plunged into the material. To complete the pun-

ching action, the tools rotate. This ensures clean, precise holes even in tougher materials up to approx. 6 mm/¼ in thick. The advantages of this process over other cutting methods are high through-put and excellent, consistent hole quality.

Depending on requirements, carbide (HM) or high-speed steel (HSS) punches are available with diameters from 0.5 mm to 5.5 mm. The cut-outs are suctioned off and collected in

a container at the rear of the module. This waste container can be easily removed for emptying.

The marking function is primarily used for pattern marking. Other applications include plotting seam lines with a water-soluble silver marker or part marking with a ballpoint pen.



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Details

Punch capacity up to 8 holes/sec (dep. on material).
Accommodates punches with 7 mm shank diameter.
Accommodates 15/20 mm diameter plotting/marketing tools.
HSS punches for Ø 0.5 mm - Ø 5.5 mm hole diameters.
HM punches for Ø 3.0 mm - Ø 5.0 mm hole diameters.
Compressed air requirements at approx. 150 l/min at 0.8 mPa.
Compatible with G3 .

Advantages at a glance

Accommodates two punches and one plotting/marketing tool.
Robust, highly stable module for superior through-put.
Reliable, consistently high-quality results.
Perfect for perforating leather, rubber, textiles.
Clean, efficient removal of cut-outs into waste container.
Accommodates readily available, inexpensive pen cartridges.
Fully supported by Zünd Cut Center.