



BERHALTER[®]
SWISS DIE-CUTTING

Cut like a PRO.

High-Performance
Production Tools



SWISS DIE-CUTTING TOOLS

The Right Tool for Every Job

Efficiency

Berhalter Swiss-Die PRO & ULTIMATE is a result of continuous development based on a long experience. Our designs are influenced by important parameters such as performance, precision, cutting edge quality, lifetime, low material consumption, running characteristics as well as handling of the stacks. All these measures are essential for an efficient and reliable production.



Material

Aluminium
Plastic
Paper
Composite Material
Light-cardboard



Functions

Cutting
Deep Drawing
Perforation
Pre-punching
Doming
Embossing



Applications

Flat Lids
Recessed Lids
Labels
In Mold Labels (IML)
Blow Mold Labels
Wet Glue Labels
Seals
Technical Applications



Benefits

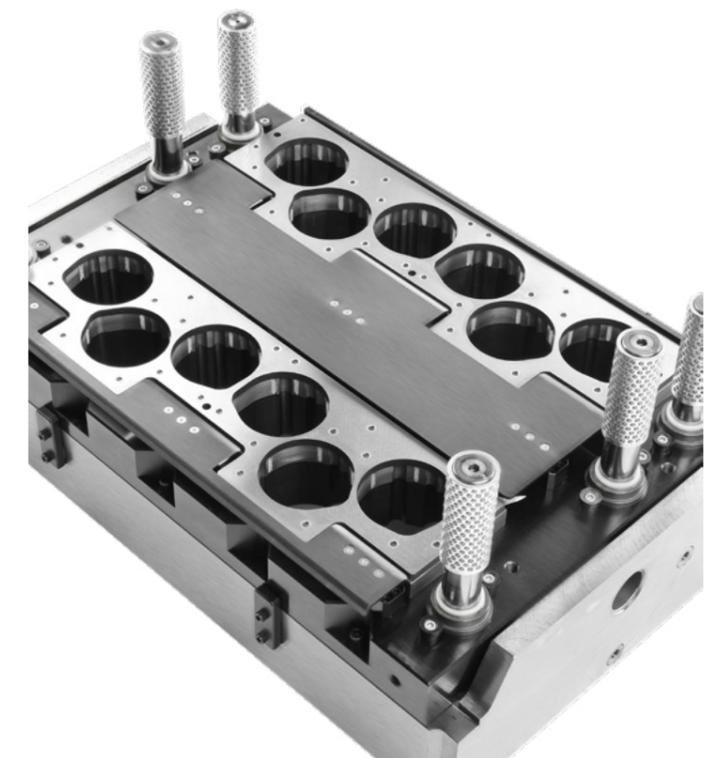
Fast Tool Change
Counting/Marking Function
Customization possibilities
Durability
RFID
Perfect Cutting Edge
Stacking included

PRO™ & ULTIMATE™

High-Precision and Performance Die-Cutting Tools

Cut like a PRO

Efficient and economical die-cutting management is a triad consisting of the perfect interaction of a powerful die-cutting machine, a high-precision tool, and the optimum utilization of the material. Highest die-cutting precision in the μ -range. High-precision die-cutting tools for small to large production volumes. Suitable for the processing of simple to demanding materials. Top performance even with complex geometries of the die-cut lids and labels. Highly wear-resistant cutting components made of powder metallurgical steel (PM) for highest cutting accuracy. Enlarge the die-cutting area with the Swiss Die PLUS option.



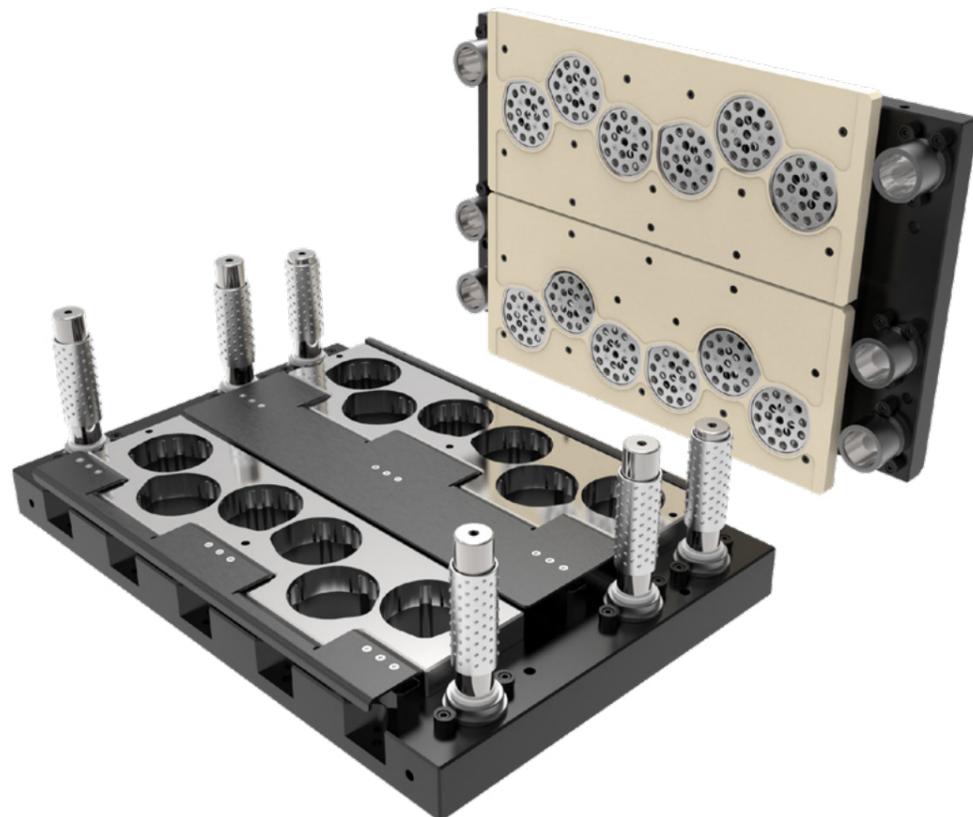
PRO™ & ULTIMATE™

Lifetime and Performance Die-Cutting Tools

It makes the difference

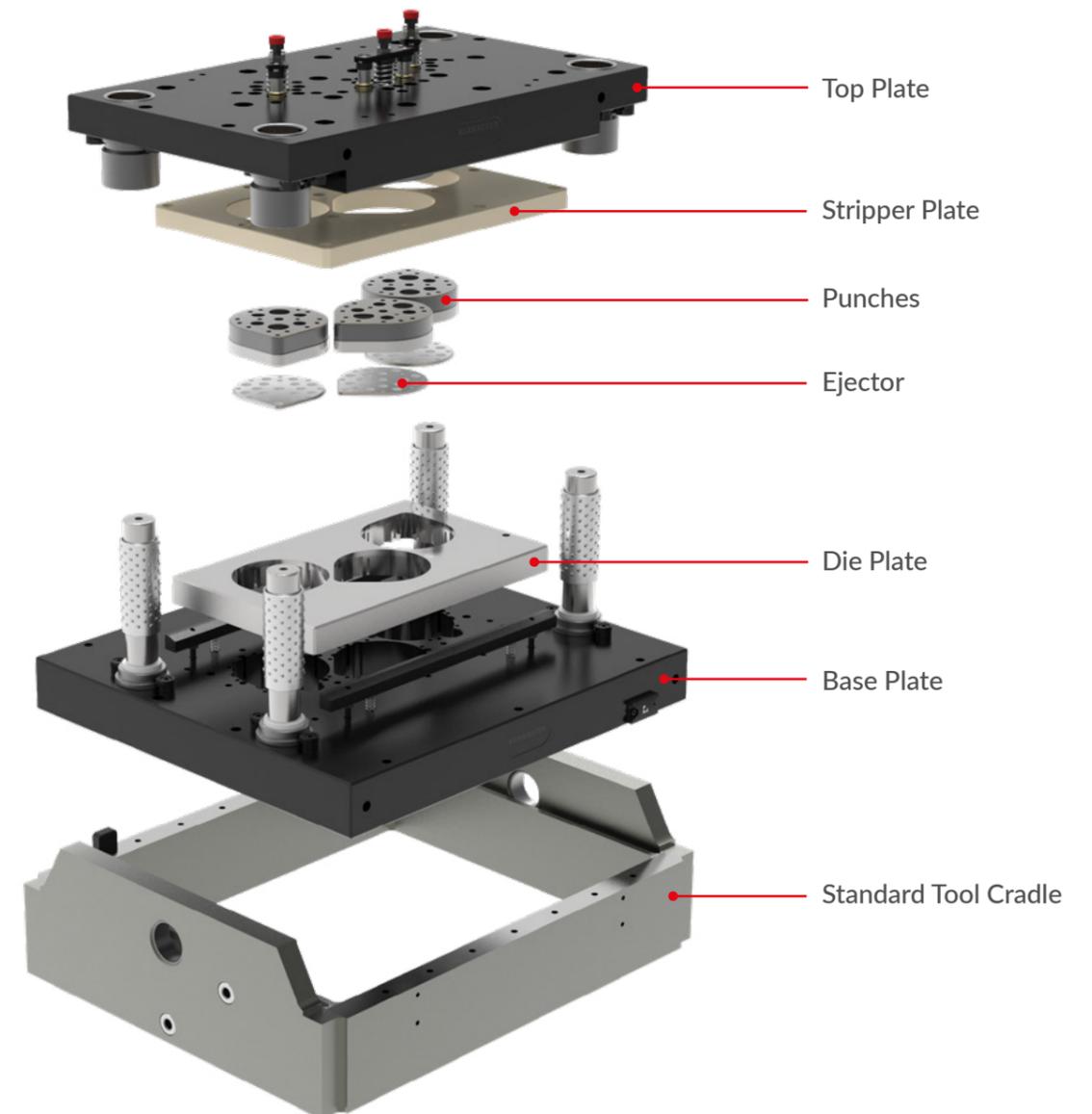
PRO is designed for long lifetime and precise cutting. The cutting components are made out of powder metallurgical steel especially produced for Berhalter on our own recipe.

ULTIMATE is designed for highest lifetime or clearly improved lifetime on aggressive substrates. The cutting components are made out of carbide.



TOOL CONCEPT

for Swiss Die PRO™ & ULTIMATE™



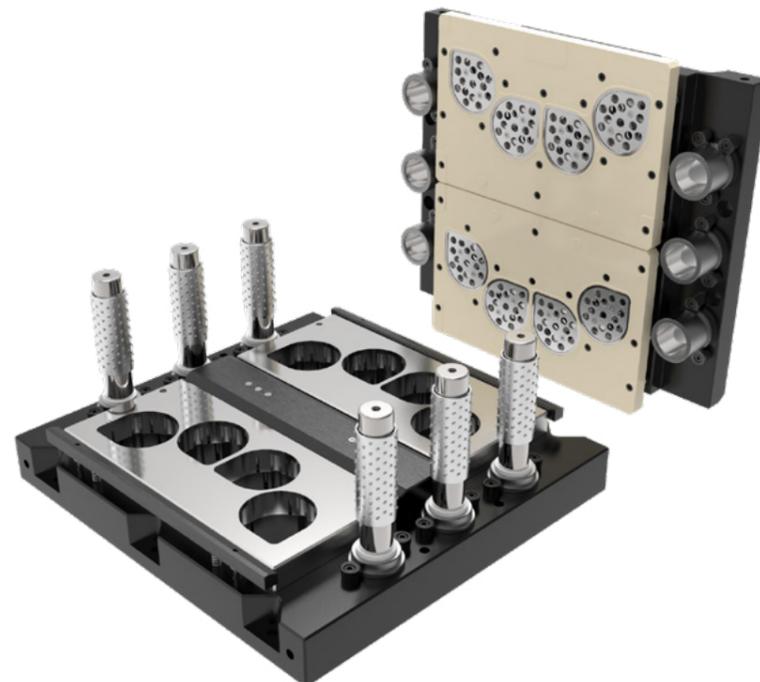
CUTTING TOOL

Single-Row and Double-Row

The large tool area allows beside single row tool also double row tools. Same print-layout, same web width but twice the cavities.



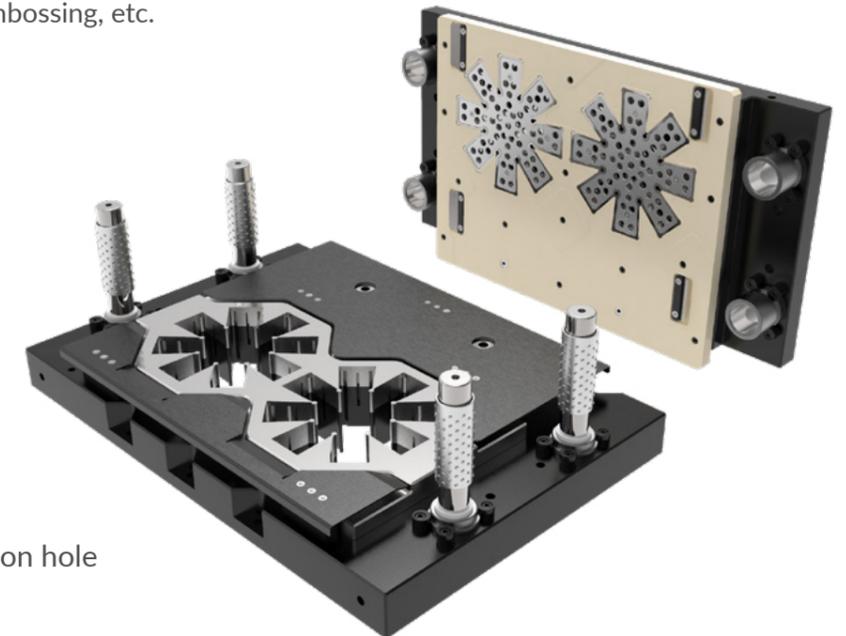
single row tool
4 cavities



double row tool
8 cavities, same print-layout

Multi-Station

The large tool area allows to integrate multiple station for additional functionalities, such as deep-drawing, perforation, pre-cuts, embossing, etc.



1st station cutting and evacuation hole
for the injection nozzle
2nd station cutting/stacking



1st station deep-drawing
2nd station perforation
3rd station cutting/stacking



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Texts and illustrations refer in part to optional equipment and are not included in the basic price.
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