



**BERHALTER**<sup>®</sup>  
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

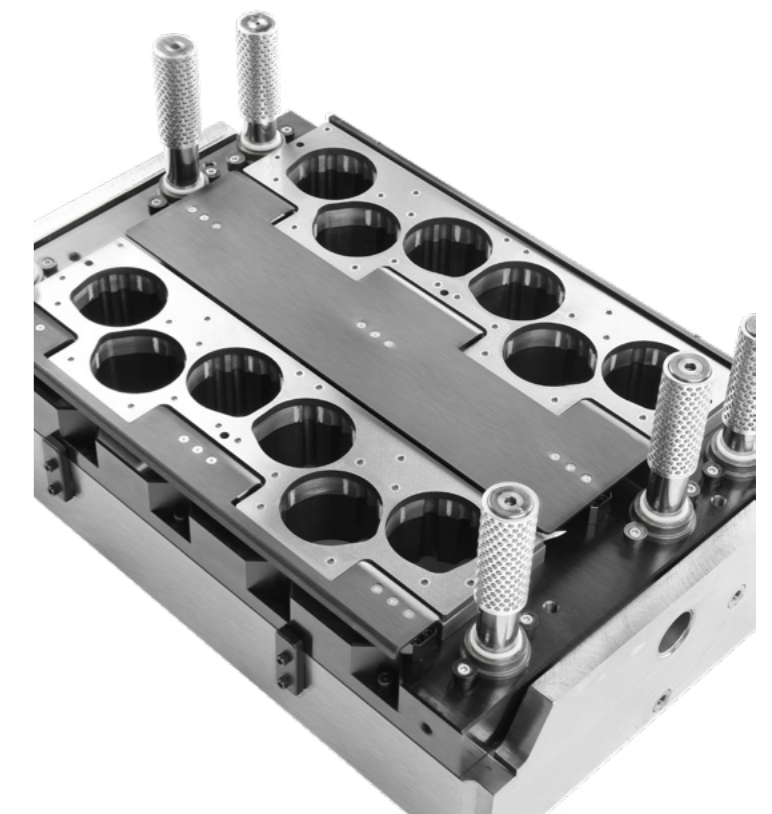
Fast Tool Change  
Counting/Marking Function  
Customization possibilities  
Durability  
RFID  
Perfect Cutting Edge  
Stacking included

# 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  $\mu$ -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.



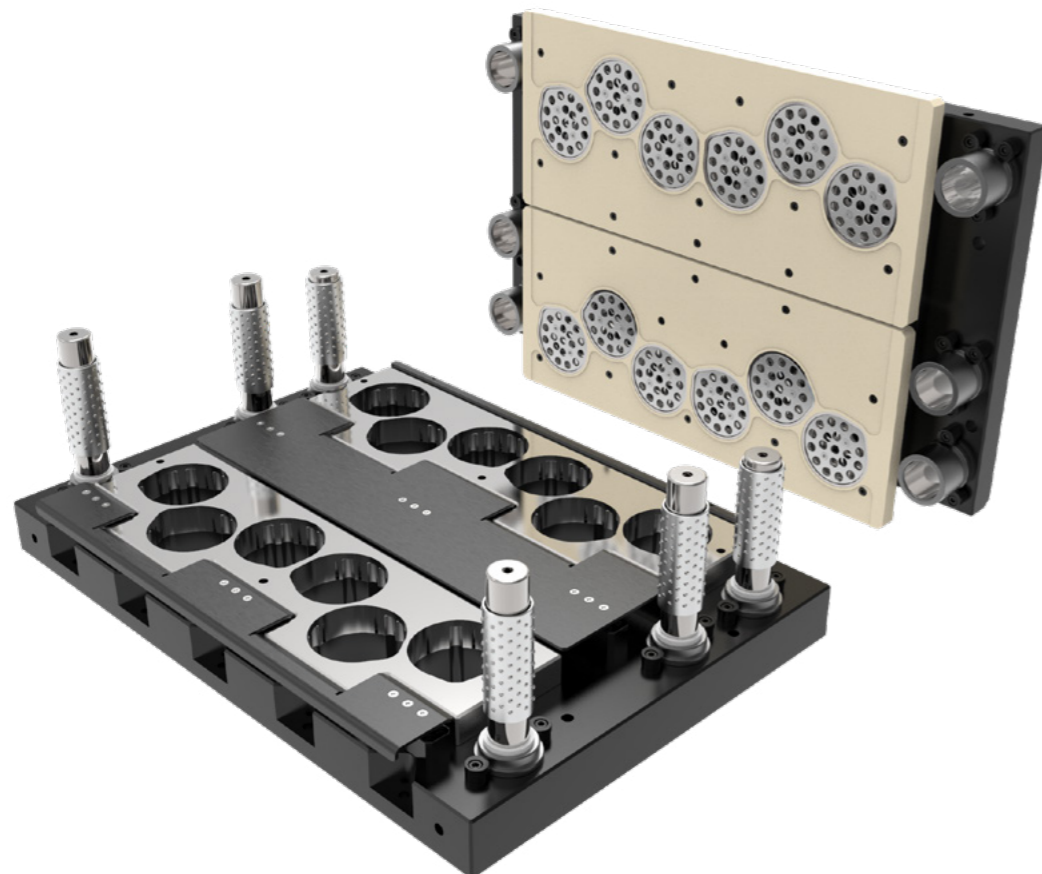
# PRO™ & ULTIMATE™

Lifetime and Performance Die-Cutting Tools

## It makes the difference

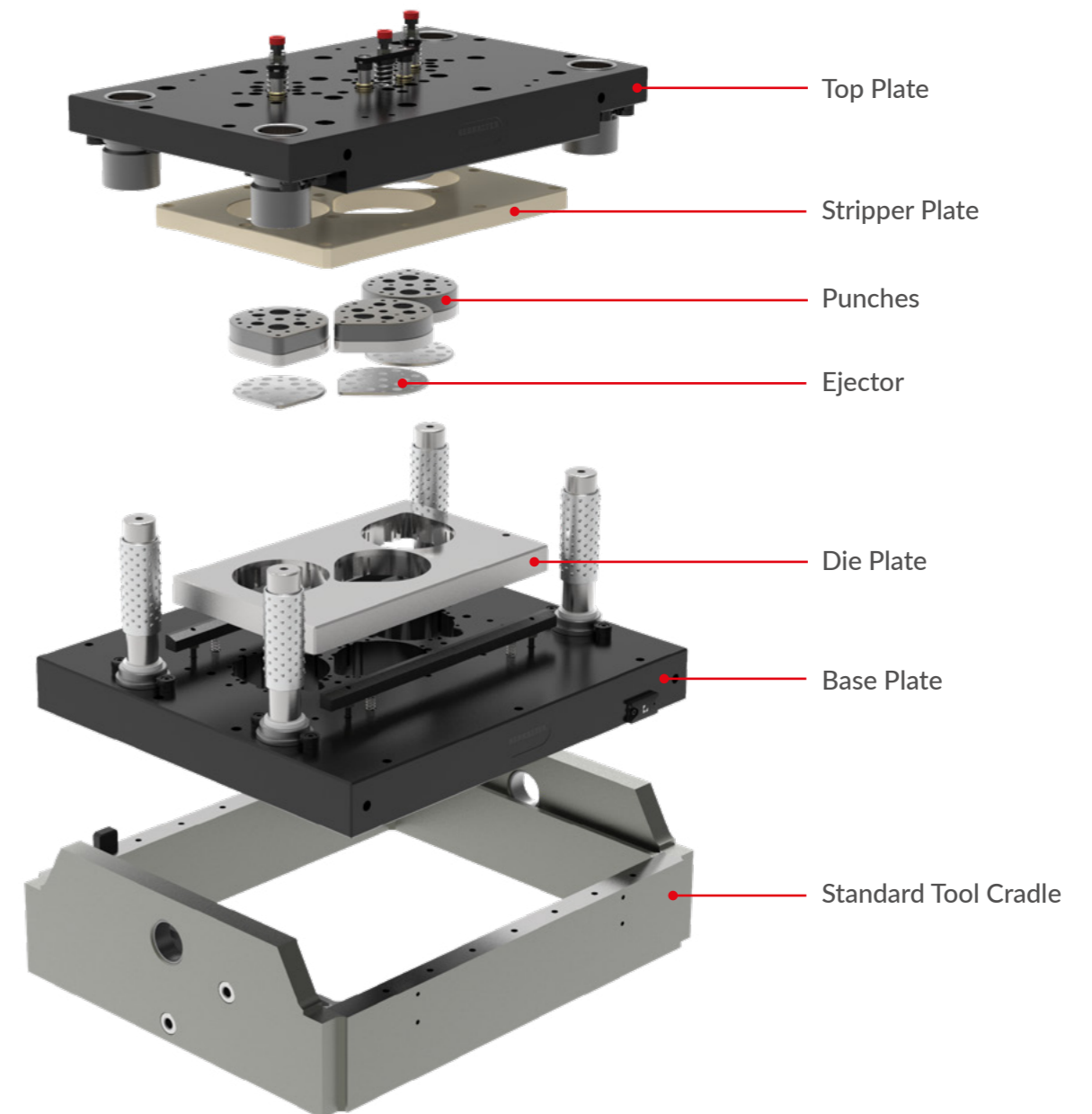
PRO is designed for long lifetime and precise cutting. The cutting components are made out of powder metallurgical steel especially produced for Berhalter on our own recipe.

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

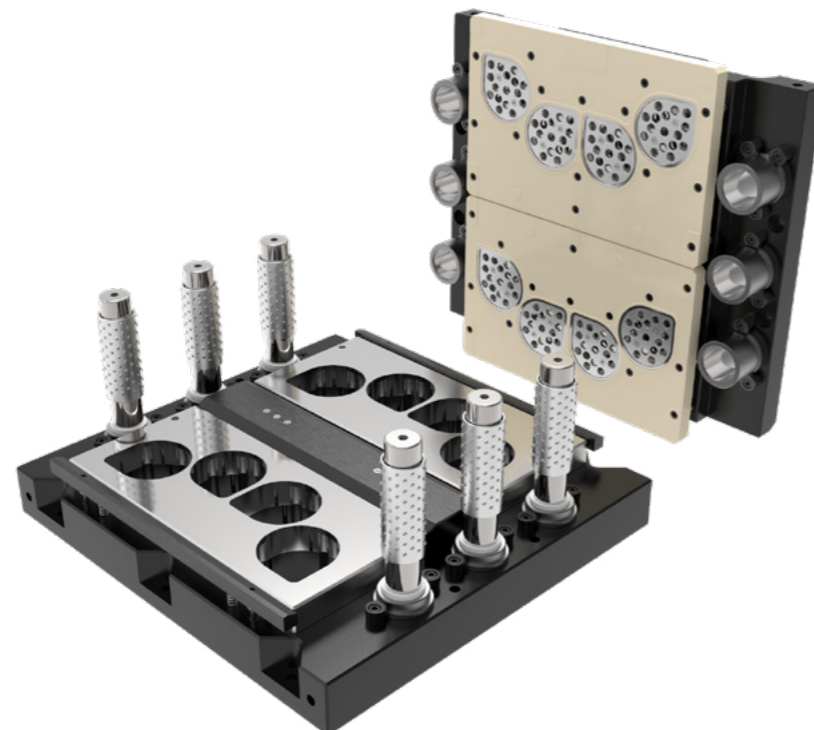
## Single-Row and Double-Row

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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

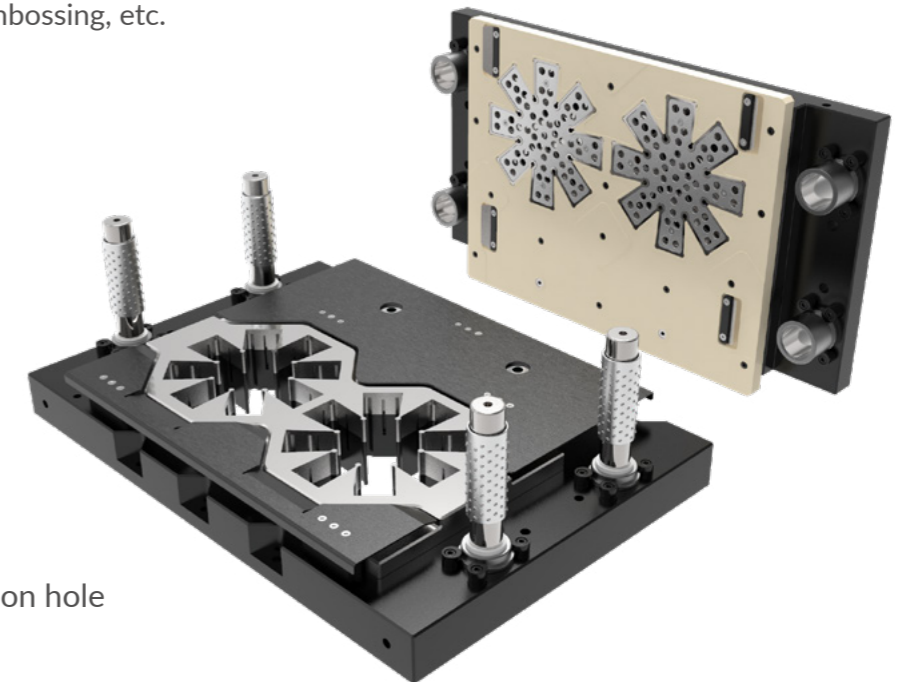


double row tool  
8 cavities, same print-layout

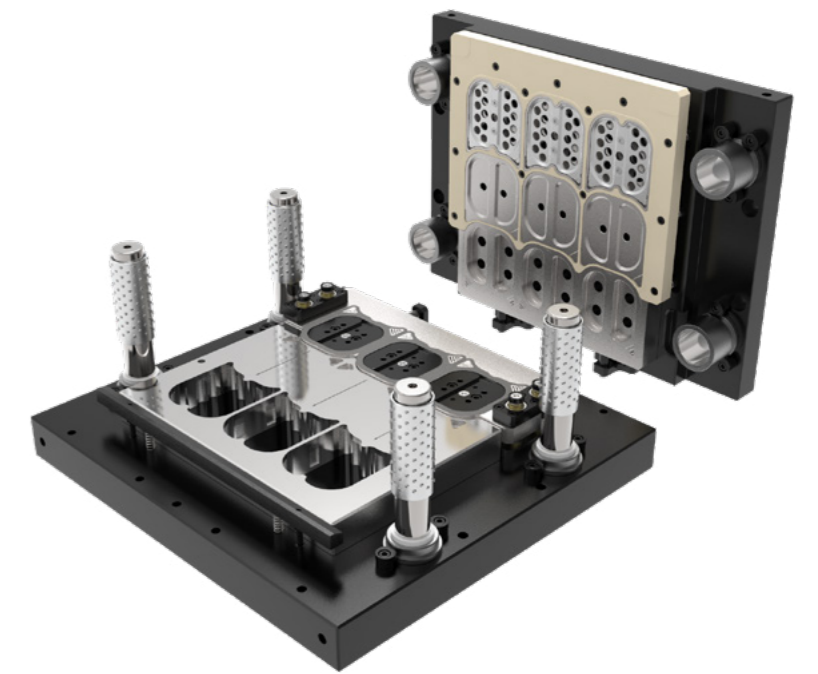
## Multi-Station

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



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



1<sup>st</sup> station deep-drawing  
2<sup>nd</sup> station perforation  
3<sup>rd</sup> 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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