

STAMFAG PUNCHING TOOLS STATE OF PROGRESS





Stamfag, the punching tool factory, has existed for well over 100 years. From the very outset, the central focus of the company has been on high quality products. What was once the result of skilled craftsmanship has gradually come together with technical progress, and is today at the cutting edge of modern processing techniques.

**A SMALL COMPANY** Stamfag has become a watchword for punching tools. Our company remains committed to outstanding quality – and constantly strives to introduce innovations and refinements in order to respond to all our clients' needs.

**TAKES ON WORLD-**  
**WIDE PROPORTIONS** Stamfag's success is based on the uncompromising use of carefully selected, high quality materials, on the valuable experience of qualified, dedicated employees and on the use of innovative manufacturing technology.

This leads to the production of punching tools of the highest standard, with remarkable accuracy and striking performance levels. And they are available throughout the world, offering traditional Swiss high quality – and including competent advice and reliable service.



● Stamfag representatives at your service

# STAMFAG HIGH QUALITY PRODUCTS AND THEIR ADVANTAGES FOR YOU

**Stamfag punching tools offer the highest reliability regarding form.** Our CNC assisted manufacturing processes guarantee constant and absolute precision, and also make it possible to produce identical replacement dies. The quality of our equipment thus influen-

ces the precision of the end product. Thanks to the cutting crowns operating in parallel on the STAMDUR and STAMCOR tools, absolute precision is guaranteed – even for regrinding.

**Stamfag punching tools are equipped with replaceable**

**separating sliders.** This makes it possible to adapt the cutting height of the slider to the cutting edge of the die and avoids a negative influence on the precision and shape of the item to be punched.

**Stamfag punching tools have an adaptable cutting geometry.**

Internal and external angles can be defined exactly according to the structure of the paper. By this optimum form of adaptation, the sliding motion is accentuated and increases the security against breaking. **Stamfag punching tools benefit from a well-organised re-sharpening service.**

Sharpening work is carried out professionally and rapidly either at the production unit in Küsnacht, or at an authorised sharpening company.



## TECHNICAL DATA

	<b>STAMCOR S5</b> Cutting die for medium runs	<b>STAMCOR S10</b> Cutting die for large runs	<b>STAMDUR tungsten carbide</b> High-performance cutting die
Height of cutting dies	60 to 135 mm	60 to 135 mm	60 to 135 mm
Materials for special applications	Aluminium base / Steel crown Steel base	Aluminium base / Steel crown Steel base	Aluminium base / Tungsten carbide crown Steel base
Performance before re-sharpening	depending on paper quality up to 5 Mio	depending on paper quality up to 15 Mio	depending on paper quality up to 120 Mio
Re-sharpening	possible on your premises using suitable equipment	possible on your premises using suitable equipment	at authorised Stamfag sharpening companies



### Punching tools for counterpressure machines

Extremely precise punching using counterpressure methods is possible using a specially constructed punching tool. By pre-pressing the items to be punched, the negative influence of the cushion effect is drastically reduced.



### Cutting dies for cheese labels

It is extremely expensive to produce small labels. The Stamfag STAMCOR S10 and STAMDUR tools make it possible to produce double dies, which leads to considerable rationalisation.



### Multi-purpose cutting dies

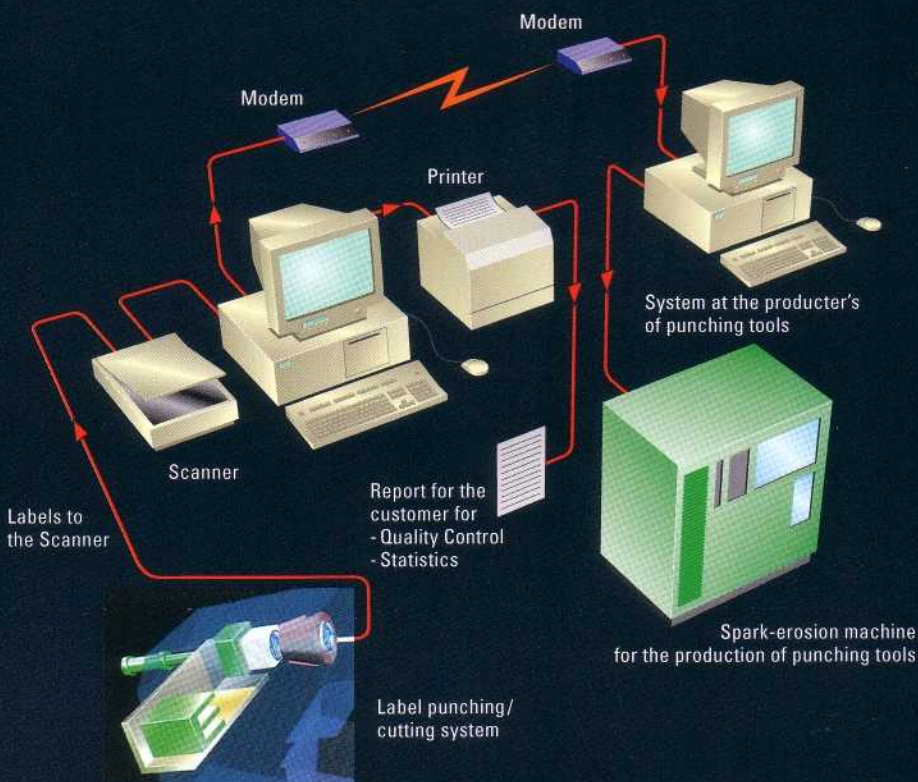
Stamfag cutting dies can be produced for use with a wide range of materials. The tool is individually created to correspond to the material in question. Take advantage of our know-how, and just ask for our advice.

### Label Control –

#### a sophisticated control system.

Developed by Blumer Maschinenbau AG and Stamfag.

- Checking of the nominal/actual punching dimensions of punched labels, including undercut
- Job-oriented archiving of the nominal dimensions
- Printing of control reports
- Possibility of direct data transmission via modem
- Professional examination of the condition of the punching tool
- High resolution and precision ( $\pm 0,02$  mm) thanks to a specially calibrated scanner
- Easy to use and clear instructions with graphic illustrations
- Free tolerance default settings as nominal values



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