

passion  
for precision



# FRAISA ReTool® – Industrial tool reconditioning with performance guarantee



Video on our  
service product:  
**FRAISA ReTool®**

# FRAISA – Your expert for tool reconditioning

**FRAISA ReTool®**  
is our efficient, all-round  
service for the industrial  
reconditioning of your  
FRAISA and third-party tools.

Using the latest technologies, we recondition and restore them to their original performance level – guaranteed. By taking advantage of this service, you not only significantly optimize your processes, but also reduce your costs.

You can rely on us totally. Our competence center in Europe, along with our service center in the United States, has over 40 years of experience in tool reconditioning. To date, 5.5 million tools have been reconditioned here – and some 340,000 are being added to this figure every year.

**FRAISA – Your partner for process cost optimization.  
Our services for you:**

#### **Process optimization through teamwork**

- Optimizing service life
- Jointly tailoring your requirements to our processes – you control our production through your **FRAISA ReTool®** specification
- Analyzing the condition of your tools

#### **Cost optimization through teamwork**

- Optimizing the entire tool life cycle
- Identifying cost potentials
- Carrying out quick checks (assessing potential) and cost-benefit analysis (qualitative evaluation)

#### **FRAISA ReTool®-capable tools**

- Tools from all manufacturers
- Rotary cutting tools
- Core competence – carbide (milling tools, drills, thread-cutting tools)
- Special tools (also manufactured from drawings)
- Dimensions: Diameters from 1 to 200 mm, lengths up to 500 mm, other dimensions on request
- Processing time: 3 weeks

[ 2 ]



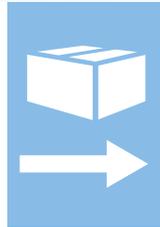
# FRAISA ReTool® – All-round service to restore original performance

Worn tool



## 1. PICK-UP

Our FRAISA Full-Service Logistics ensure fast, safe, and cost-effective handling.



## 2. INDIVIDUALIZATION

**We adapt to suit your precise needs:** For this purpose, we take account of your order and customer-related **FRAISA ReTool®** specification and use a digital production information system.



## 3. RECONDITIONING

**We maximize material retention for your tool:** This is guaranteed by validated grinding programs on state-of-the-art grinding machines and continuous quality control.



## 4. PERFORMANCE OPTIMIZATION

**We optimize the performance of your tool:** A tool-specific, high-tech coating and optimized cutting-edge preparation complete our reconditioning process.



## 5. DELIVERY

**We deliver your 'mint-conditioned' tools to your door:** Within a short amount of time, you can put your tool back to work again with its original performance level.



'Mint-conditioned' tool



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Scan this QR code to access more information about FRAISA's ReTool® process

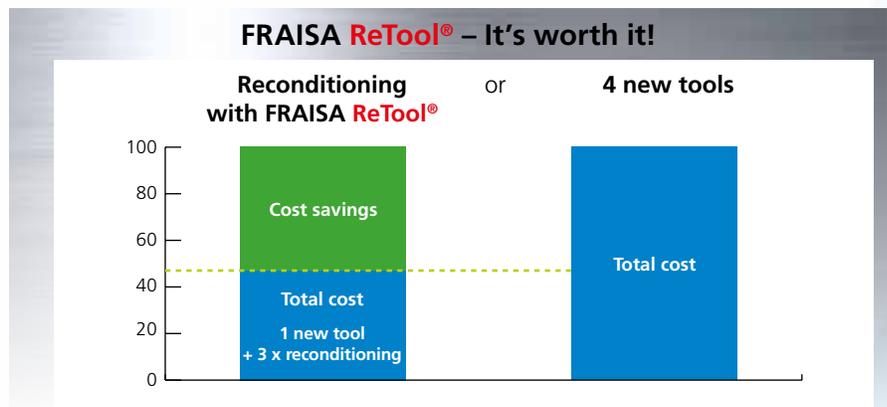


# FRAISA ReTool® – It pays off

## ► How reconditioning pays off for you

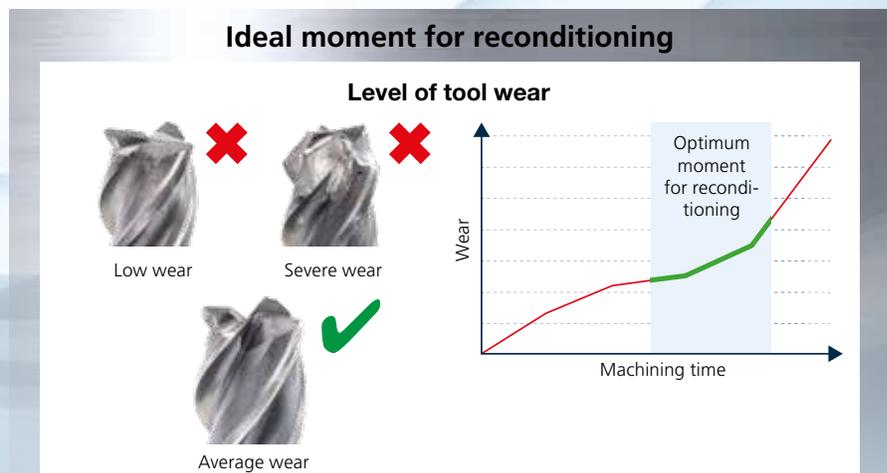
As they wear, your tools lose more and more of their performance capability. That's why it's important for productivity and product quality in your company to replace tools in good time. With our **FRAISA ReTool®** service, we offer you the ideal solution – both for FRAISA tools and third-party tools. Our industrial reconditioning service allows us to supply you with 'mint-conditioned' tools for your production processes quickly and cost-effectively.

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## ► We help you optimize your tools' machining time

We are more than happy to help you determine the ideal moment to send your tools for reconditioning – by means of a quick check and cost-benefit analysis. In this way, you avoid unnecessary costs resulting from sending tools too soon that are still productive. At the same time, you avoid having to purchase new tools sooner than necessary, due to disproportionately high wear caused by using the tool too long.



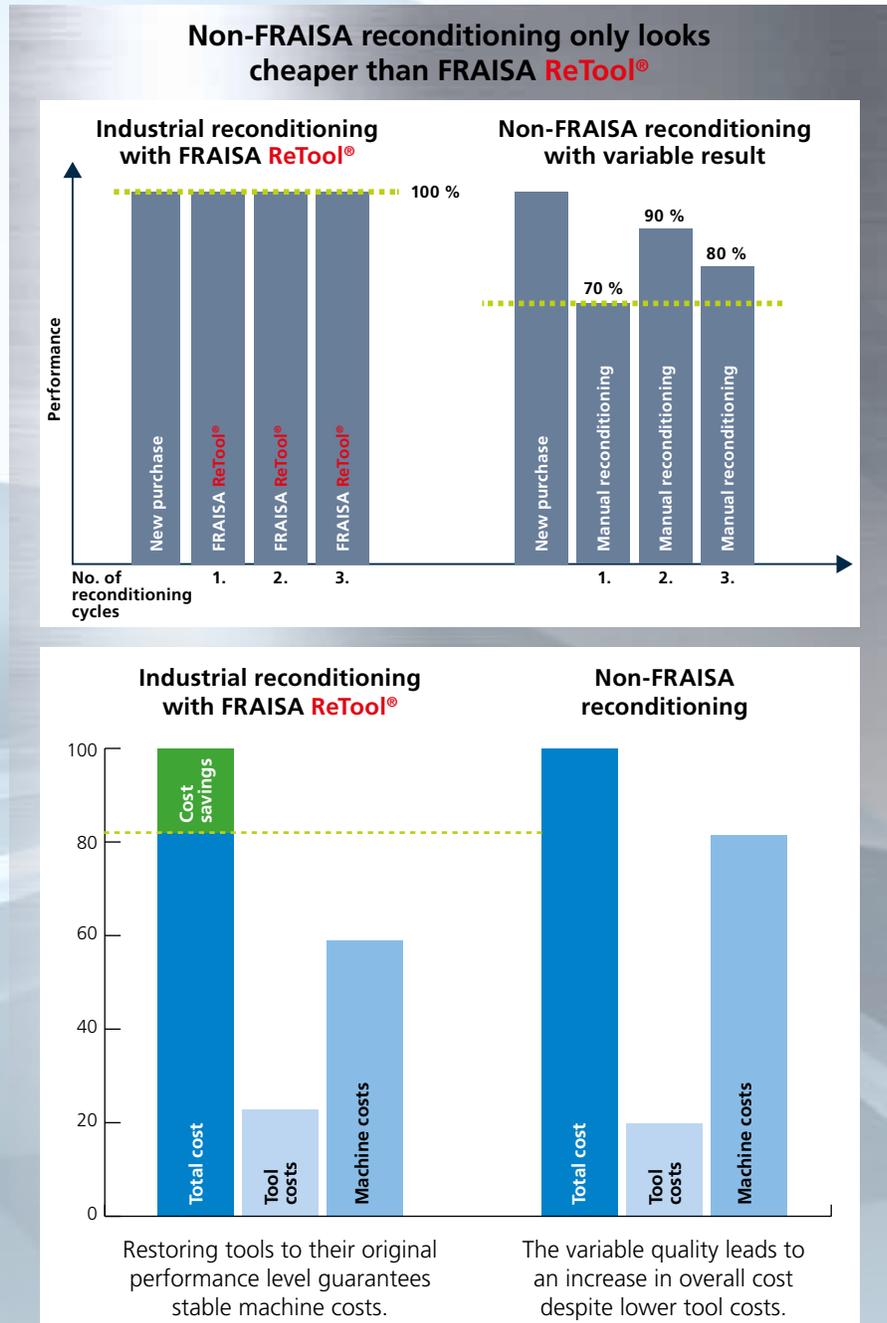
# FRAISA ReTool® – Cost savings through 100% performance guarantee

## ► We restore to the original performance level

If you have your tools reconditioned by someone else, it's only cheaper than industrial processing at first sight. A low-quality reconditioning process that is not optimally tailored to your tools, can even turn out to be more expensive for you than buying new tools. Non-FRAISA reconditioning cannot guarantee reliable and consistent tool quality. Fluctuations in the quality leads to unstable process parameters, so that your machining output has to be cut back for safety reasons. That's because as soon as the efficiency of your tool can no longer be restored, the nominal parameters can also no longer be used. This leads to rising production costs.

**FRAISA ReTool®** allows you to make cost savings compared with non-FRAISA reconditioning. Thanks to industrially consistent reproduction, the original performance level is achieved and your tool is as productive after reconditioning as it was the first day it was used. This reliable tool quality guarantees production reliability and stable machine performance and output.

You can be sure that your reconditioned tool will achieve its maximum service life with 100% performance while featuring the same degree of process reliability as a new tool. FRAISA guarantees this through its state-of-the-art, multi-axis grinding machines, coating and cutting-edge preparation systems, up-to-the-minute measuring technology and the many years of experience enjoyed by our reconditioning specialists.



# FRAISA ReTool® – Cost savings through maximum material retention

## ► We maximize the number of reconditioning cycles

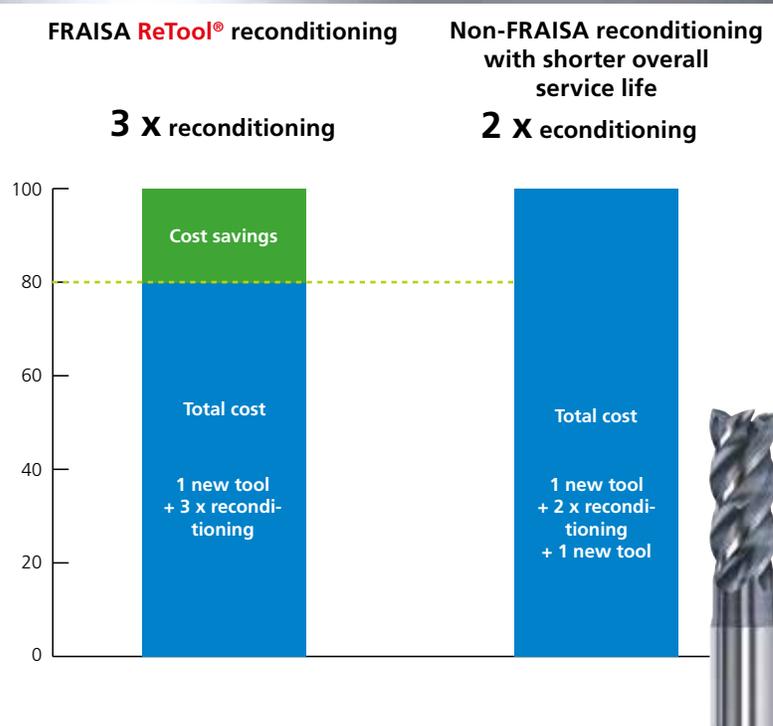
Each tool wears differently. That's why we recondition each tool individually. In precise terms, this means that we preserve as much material as possible – and remove as little as is necessary to restore the original performance level.

FRAISA ReTool® consequently enables each of your tools to be reconditioned several times and extends its overall service life. At the same time, it pushes back the moment at which buying a new tool becomes unavoidable.

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- ✓ Cost savings
- ✓ Process optimization
- ✓ Sustainability

### More reconditioning cycles – less loss of material



# FRAISA ReTool® – Explore the numerous advantages without risk

## Save costs

FRAISA ReTool® is not only cheaper than buying a new tool, but also cheaper than manual reconditioning.



## Preserve material

We retain as much as possible of the material of which your tools are made. This increases the number of possible reconditioning cycles and saves even more money.

## Transparent processes

You can trust us. Our reconditioning process is transparent and you can follow every single step.



## No risk

Our “money-back guarantee” comes into effect in the event of the quality of our reconditioning not being perfect. You will either be reimbursed the reconditioning costs or given a replacement tool for free.

## Safe decision-making

Our team of experts is happy to advise you at any time and work with you to find the right solution for a perfect result.



## Protect resources

FRAISA ReTool® tools are as productive as new ones, but account for significantly fewer resources. We recycle tools that can no longer be reconditioned.

## Increase productivity

After undergoing our FRAISA ReTool® reconditioning process, your tools are fully operational and productive again. This allows you to increase your process stability and productivity.



## Be happy

Our fast, high-quality, sustainable, and attractively priced FRAISA ReTool® reconditioning service ensures maximum customer satisfaction.

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All of our service offerings also apply to FRAISA ReTool® tools



**ToolCare® 2.1:**  
Tool management over the life cycle



**ConceptTool:**  
FRAISA ReTool® made to measure



**ReToolBlue:**  
To the end of the life cycle



**ToolExpert:** Cutting data also for reconditioned FRAISA tools



Scan this QR code to  
access more information  
about the FRAISA Group.



The fastest way  
to our e-Shop.

**FRAISA USA, Inc.**

711 5th Street SW, Suite 1 | New Brighton, MN 55112

Phone: (651) 636 84 88 |

mail: [info@fraisausa.com](mailto:info@fraisausa.com) | [fraisa.com](http://fraisa.com) |

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