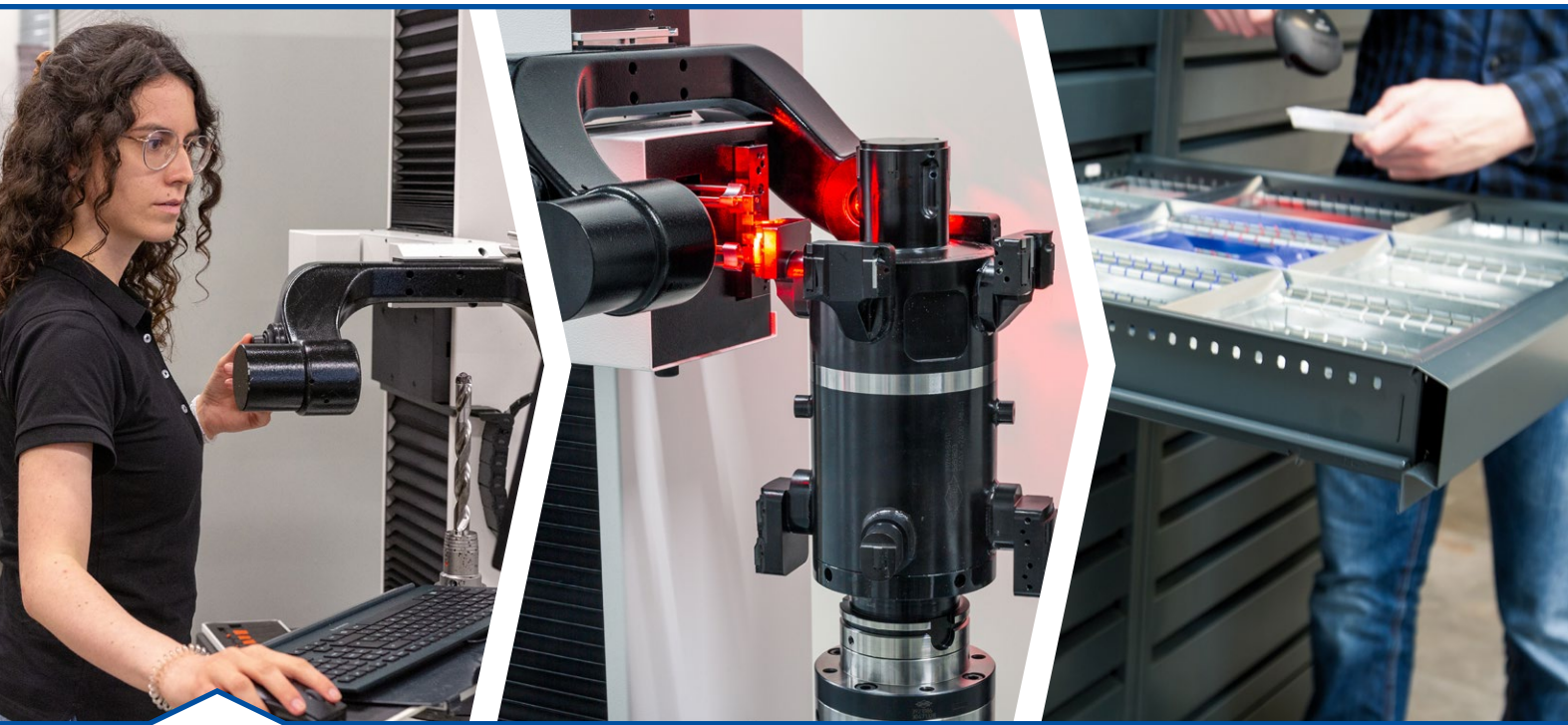




Your technology partner for cost-effective machining

TOOLMANAGEMENT

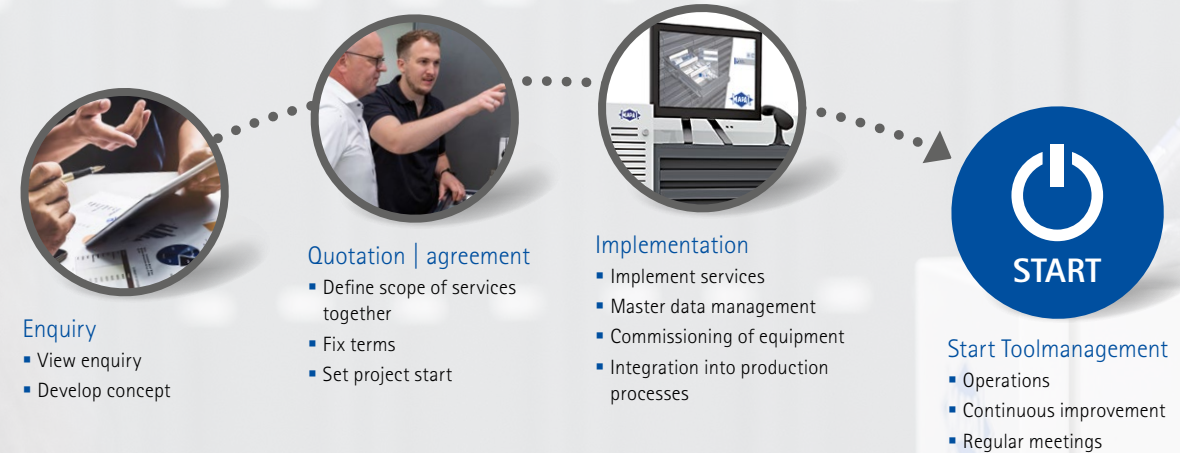
MAPAL Toolmanagement

Cost pressure, shortage of skilled workers, economic aspects, and other factors are increasing the importance of tool supply concepts in the processing industry. MAPAL's efficient range of services helps customers exploit their full potential and ensure their tool supply is fit for the future.

Your partner in every phase

Service sector partnerships demand a high level of mutual trust. Whether it's during the enquiry and quotation phase, the implementation phase, or during normal op-

erations, MAPAL always offers a competent partner with access to a broad network of experts from a wide range of sectors.



EVERYTHING FROM A SINGLE SOURCE

TECHNOLOGY PARTNERSHIP

HOW YOU BENEFIT:

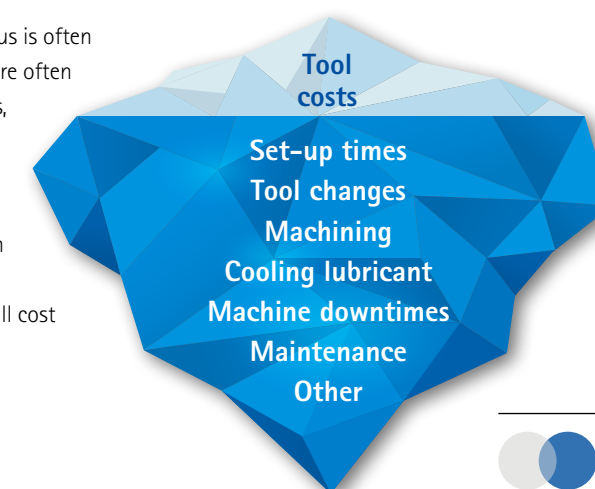
- Secure tool supply
- Focus on core competencies
- Transparency and clarity
- Predictable tool costs
- Low capital commitment for stocks
- Positive sustainability record
- Predictable personnel costs

WHAT WE OFFER:

- Reliable storage systems with intuitive software
- Planning, procurement and provision of tools
- Customer-specific reports at the push of a button
- Attractive financing and billing models
- Optimised cash flow thanks to consignment store
- Efficient use of resources thanks to innovative process technologies
- Provision of qualified personnel

In the metal-machining industry, the focus is often on direct tool costs. But high tool costs are often the result of an inefficient overall process, influenced by various factors.

These indirect costs are much higher than the actual tool costs, and they often go unnoticed. MAPAL experts optimise process performance holistically, taking all cost aspects into account.



Direct costs
(visible)

Indirect costs
(hidden)

MAPAL optimises the machining process around the tool and helps to positively influence the overall manufacturing costs.

TOOL LOGISTICS



Consignment store with logistics services
MAPAL provides consignment items on a needs basis and ensures around-the-clock tool supply without any unnecessary building up of stocks at the customer's premises. The focus is on the entire supply chain, including the entire tool stock.

- Toolmanagement consulting**
 - Master data management
 - Planning process support
 - Hardware design
 - Coordination of commissioning
 - Training courses
- Planning and purchasing**
 - Efficient inventory management
 - Needs-based replenishment taking production fluctuations into account
 - Adjustment of planning data (re-order stock levels and order sizes)
 - Automated replenishment processes
- Technical support and optimisation**
 - Cost driver analysis and customer-specific reports
 - Process optimisation
 - Implementation of innovations
- Stockkeeping**
 - Efficient 24/7 inventory management
 - Overview of stock at the press of a button
 - Structured stockkeeping by tool condition
 - Needs-based tool dispensing
- Regrinding management**
 - Efficient regrinding management for a sustainable production strategy
 - Collection of worn tools for seamless regrinding logistics
 - Organisation and shipping of reconditionable tools
 - Ideal number of reconditioning cycles for resource savings
 - Logistics management up to and including stocking



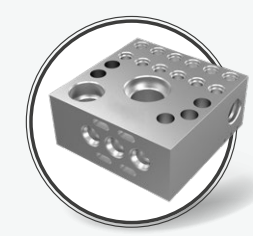
BILLING PER WITHDRAWAL (CPC - COST PER CONSUMPTION)

Customers who choose this billing model receive a collective invoice for all items withdrawn from the storage system. The administrative effort for purchasing and procurement is minimised.

YOUR BENEFITS

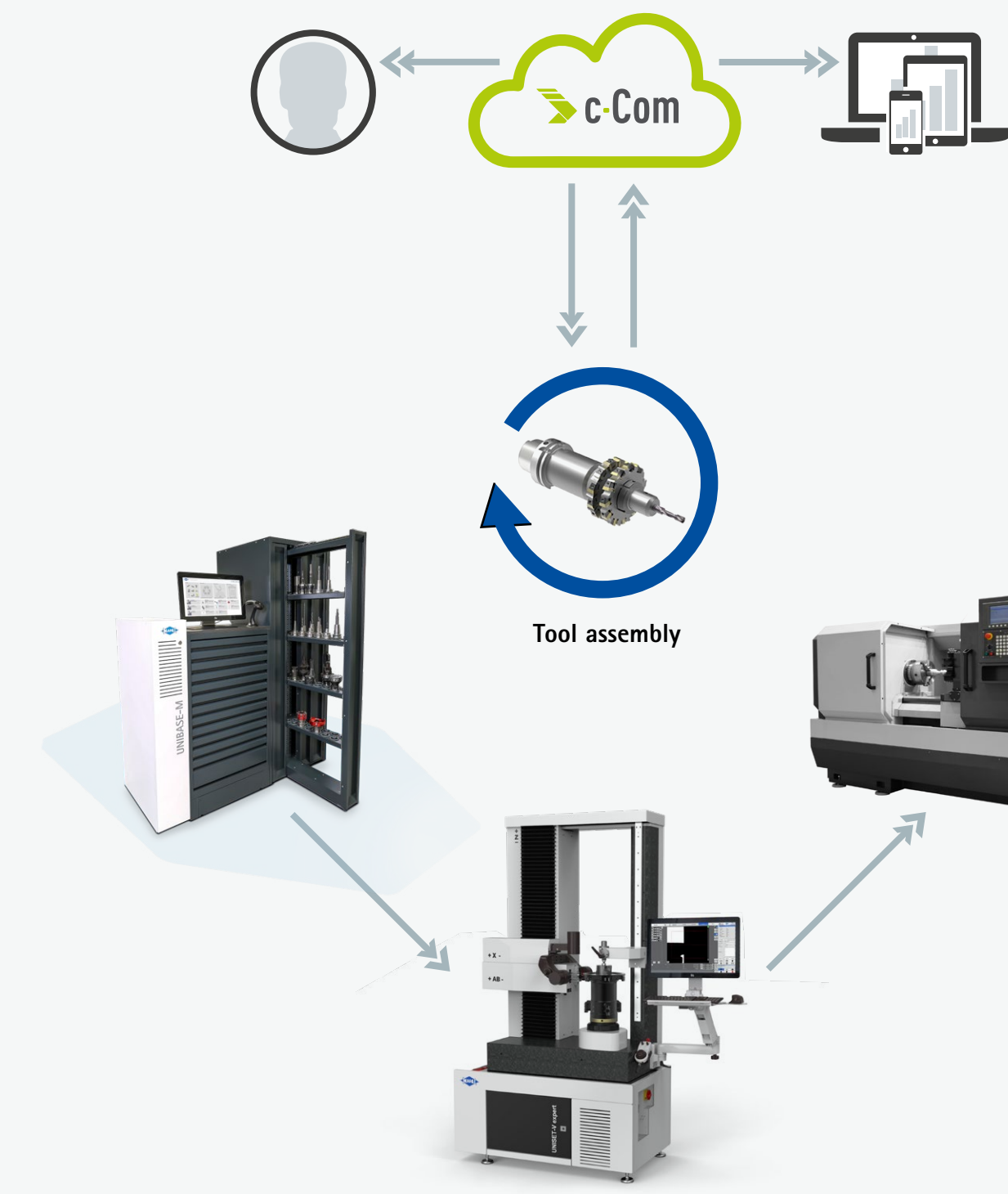
- Guaranteed tool availability on site
- Reduced capital commitment and increased cash flow
- Ideal tool inventory
- Reduced storage and administrative costs
- Reduced personnel expenditure
- Innovative digitalisation options
- Cost control thanks to transparent and analysable data
- Custom services
- Competent advice from qualified personnel
- Resource-saving manufacturing for a sustainable production strategy

FULL SERVICE⁺



Full service Toolmanagement with logistics and engineering services and billing per part
With its full service offering, MAPAL is going one step further and taking customer relations to a new level. More than just tool procurement, MAPAL offers comprehensive full service Toolmanagement – right through to delivering pre-assembled tools right on the production line. As a result, customers enjoy maximum efficiency in addition to predictable costs thanks to the transparent cost per part billing model.

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 - Overview of stores at the press of a button
 - Structured stockkeeping by tool condition
 - Needs-based tool dispensing
- Regrinding management**
 - Efficient regrinding management for a sustainable production strategy
 - Collection of worn tools for seamless regrinding logistics
 - Organisation and shipping of reconditionable tools
 - Ideal number of reconditioning cycles for resource savings
 - Logistics management up to and including stocking
- Pre-adjustment and intralogistics**
 - Integration into customer processes including optimisation
 - Tool handling (collection/assembly/dismantling/provision)
 - Cleaning and maintenance of tool holders
 - Precise setting and measuring of tools including documentation



BILLING PER PART PRODUCED (CPP - COST PER PART)

Full service Toolmanagement gives customers flexibility and predictable tool costs. Only pay per part produced. Costs adapt automatically to reflect fluctuating production volumes.

YOUR BENEFITS

- Predictable tool costs
- Systematically and proactively leverage innovative tool technologies
- Defined annual savings and increased overall process performance
- Guaranteed tool availability on site
- Reduced capital commitment and increased cash flow
- Reduced storage and administrative costs
- Reduced personnel expenditure
- Innovative digitalisation options
- Competent advice from qualified personnel
- Resource-saving manufacturing for a sustainable production strategy





Discover tool and service solutions now that will put you ahead:

BORE MACHINING

REAMING | FINE BORING

DRILLING FROM SOLID | BORING | COUNTERSINKING

MILLING

CLAMPING

TURNING

ACTUATING

SETTING | MEASURING | DISPENSING

SERVICES

FOLLOW US

