



IT'S ALL IN THE DETAIL.

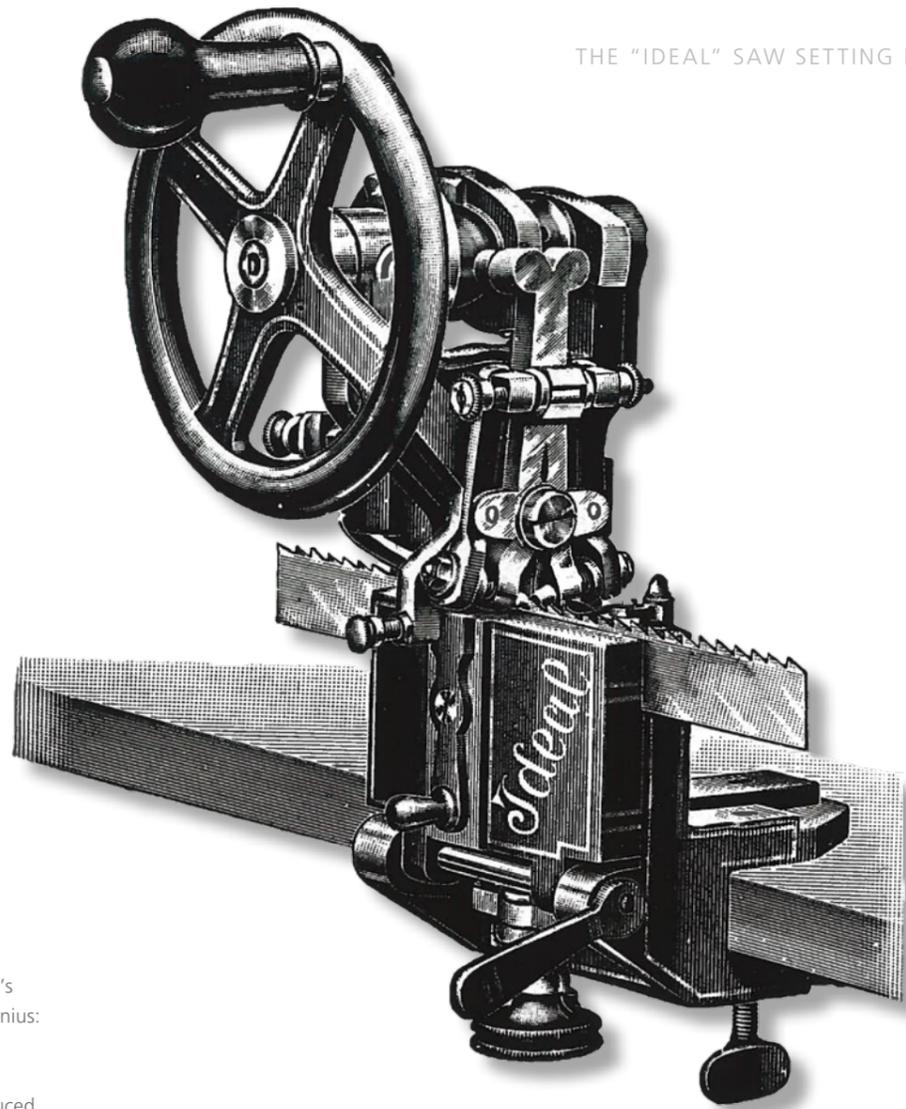


ACHIEVING MAXIMUM SHARPNESS FOR PRODUCTION AND SERVICE TOOLS – AS EFFICIENTLY AS POSSIBLE: THAT’S WHAT THE VOLLMER NAME STANDS FOR.

SUSTAINED PASSION AND THE COURAGE TO STRIKE OUT IN NEW DIRECTIONS ARE NEEDED TO MEET THIS REQUIREMENT. WHICH IS WHY IN OUR COMPANY THE FUTURE OF DIGITALISATION STARTS TODAY.

THE PRINCIPLE: PRECISION IN TRANSFORMATION. READY?

THE "IDEAL" SAW SETTING MACHINE // 1909



// Heinrich Vollmer's first stroke of genius: The IDEAL saw setting machine significantly reduced band saw machining time.

NOTHING
LENDERS GREATER CLARITY
TO THE **FUTURE**
THAN LOOKING TO
THE PAST.





Continuity in the midst of change:
Sieglinde Vollmer,
daughter of the company's founder

OVER 100 YEARS' EXPERIENCE IN THINKING AHEAD



Improve, invent, imagine and implement new ideas consistently – with technical finesse and precision. That was the vision of Heinrich Vollmer, a brilliant designer and bold entrepreneur.

In anticipation of being granted his first patent, he founded his own company in 1909 aged just 24 years old, using his industriousness and bold ideas to guide the business through turbulent times and bring rapid success.

VOLLMER's fate lay in his hands up to the 1960s, at which point it was already a prosperous company with 500 employees and representatives in all key markets. After Heinrich's death in July 1961, his son Udo, followed by his daughter Sieglinde Vollmer in 1987 (better known by many as Fräulein Vollmer), continued the business in line with his principles, building on its successes and gradually transforming its corporate image into that of a modern technology and services provider.

This approach is still adopted by management today and sustained by the commitment and unique expertise of VOLLMER employees around the world.

What would Heinrich Vollmer say now if he were on a tour of the striking VOLLMER Technology and Training Centre in Biberach, opened to coincide with the company's centenary? Or if he were to take a look at the fascinating inner workings of the latest VOLLMER machines?

It goes without saying that much has changed since the days of the first setting machine. But much has also stayed the same: VOLLMER is still distinguished by pioneering spirit, courage, industriousness and deep-rooted origins. Those values that shaped us from the outset continue to show the way forward even now.



SUBSIDIARIES // IN 2019

ROOTED IN
UPPER SWABIA.
ASSURED
GLOBAL CITIZEN



// Close to customers' needs: VOLLMER makes its presence felt.



Deep-rooted origins, dynamic and outward-looking future: VOLLMER is at home in Biberach.

THE HOME OF PERFECTION

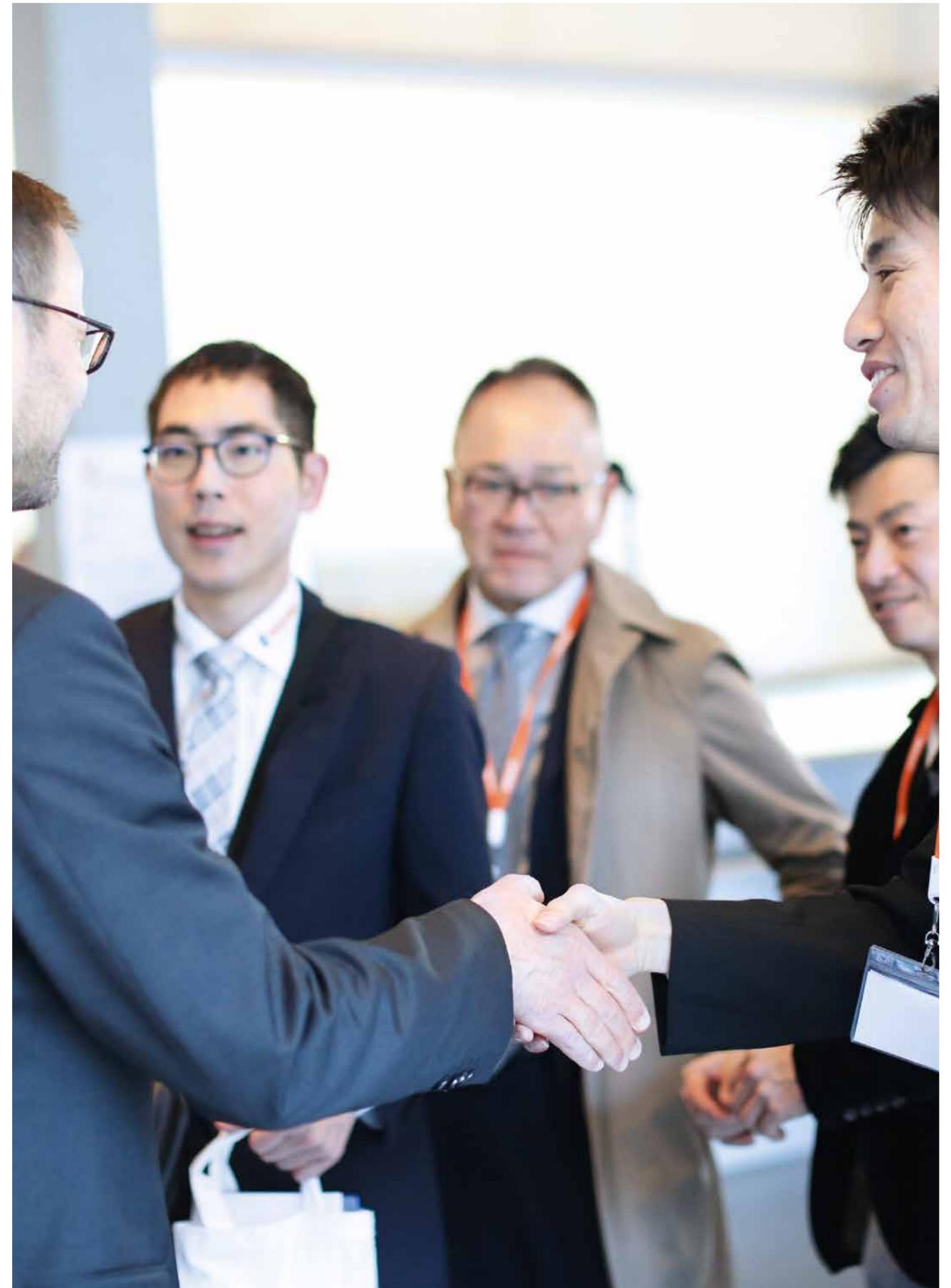
//////
Schützenfest, traditional costume and local custom: At VOLLMER, we appreciate and uphold regional traditions as well as the Upper Swabian mentality – strong-willed, freedom-loving, imperturbable.

Our roots lie deep in one of Europe's strongest economic regions – giving us the ability to facilitate organic, lasting growth around the world.

VOLLMER has had an international outlook from an early stage, expanding into important markets in Europe and overseas. The VOLLMER Group currently has 14 subsidiaries, more than 30 representatives and around 800 employees, all managed from the main headquarters in Biberach. The architecture of the

award-winning, modern industrial building highlights key aspects of the company culture: Clarity, transparency, freedom to develop, focus and efficiency.

This is where international visitors arrive on an almost daily basis. Whether from China, France, England, Russia, the USA or India, they are given advice, trained and greeted with a warm welcome: With their national flag blowing in the breeze in front of the Technology and Training Centre.





FAMILY BUSINESS, LEADING THE GLOBAL MARKET, SHAPING THE FUTURE



Our openness towards persons and groups in the region who want to gain an important insight into our work on guided tours round the company demonstrates the importance of dialogue and exchange beyond our four walls.

Whatever the future brings, one thing is certain: VOLLMER will remain VOLLMER. That is why the Sieglinde Vollmer Foundation was established in 2013 – to safeguard the company's economic independence, both now and in the future, and provide a solid foundation for further development of the VOLLMER Group within its metes and bounds.

For us at VOLLMER, conducting business has always been synonymous with taking sustainable action underpinned by long-term goals. Commitment to the future of the company and its employees, rather than the short-term maximisation of profit. We acknowledge our responsibility as an active part of society, the region, our town and the entire industry, and put it to use in a variety of ways, including by sponsoring the VOLLMER Cup in Biberach, a high-profile tournament in the Olympic shot put discipline.

VOLLMER's long-standing involvement in key associations such as the VDW (German Machine Tool Builders' Association) and the VDMA (German Engineering Association) boosts the industry. For instance, we are taking part in the VDW initiative „umati“, which developed a standard for connecting machine tools to IT systems.

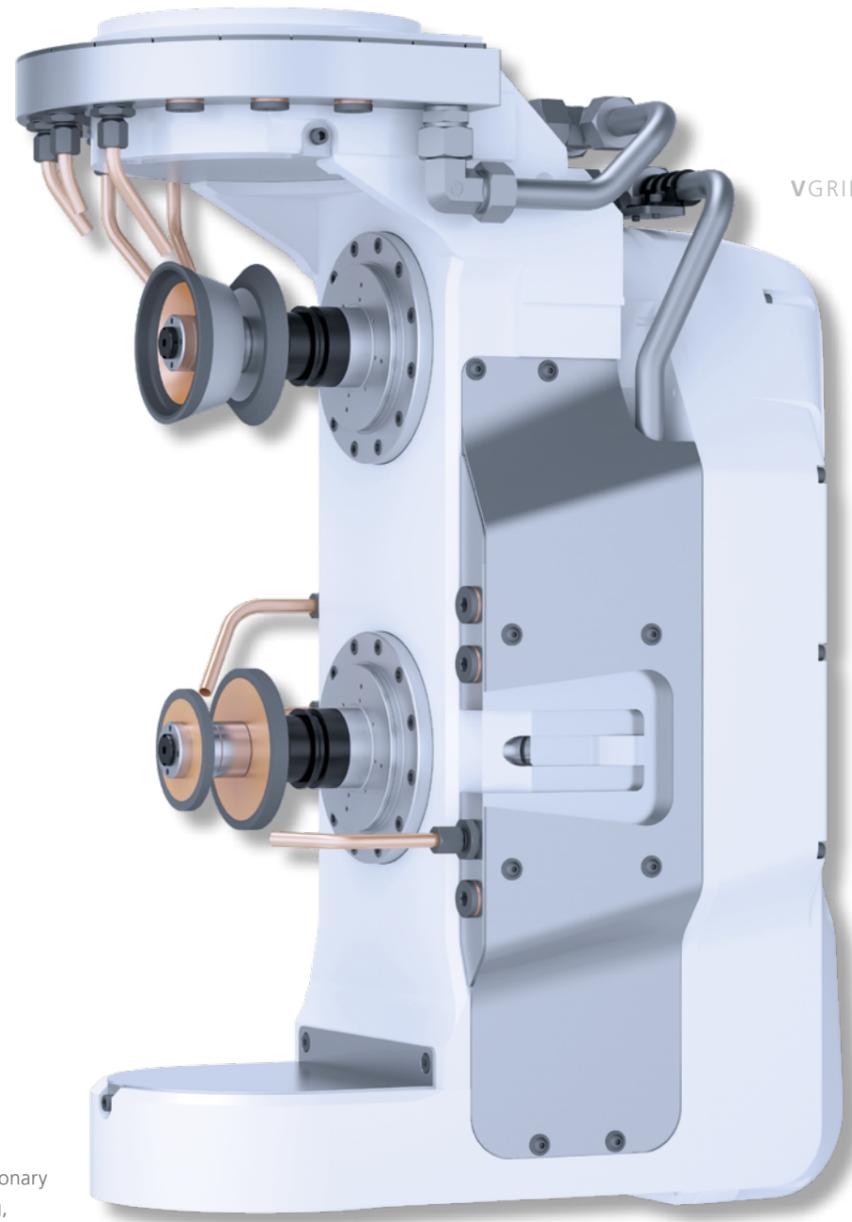


CAREERS WITH PRECISION

Flat hierarchies and fast decision-making, international flair and career opportunities: With the spirit of a family-run business and the outlook of a world market leader, VOLLMER scores highly as an employer. We offer good prospects for intelligent minds in challenging technical and commercial professions.

Employees with an entrepreneurial mindset who use their own initiative are and will continue to be crucial to the success of the company. Not least because we attach great importance to training and further development at VOLLMER, a principle

which has been upheld over decades by the consistently high training quota of more than 10%. Partnerships with universities guarantee an influx of young, qualified talent and scientific exchange.



VGRIND 360 // 2016

// Developed and then elevated: With the **VGrind 360's** revolutionary multi-level-machining, VOLLMER is exploring new avenues in the field of grinding carbide tools.

SPEED OR PRECISION?
WE BRING THEM
IN **UNISON** –
DAY AFTER DAY





FIVE DIVISIONS, ONE GOAL, ENDLESS POSSIBILITIES



VOLLMER SYSTEM SUPPLIER

The extensive experience and competence from over 110 years of tool processing and maintenance is culminated in five business units: rotary tools, circular saws, metal-cutting band saws, as well as the services division, which provides tailor-made services for all disciplines. Owing to the growing importance of digitalisation, in the future VOLLMER will combine digital solutions in a new product area.

The most important thing for our customers is that VOLLMER machines have an excellent TCO value (Total Cost of Ownership). This all comes down to their high level of efficiency, outstanding quality of results, maximised service lives and not least their long operating lives. In short: Choosing a VOLLMER machine pays off, quicker than you think.

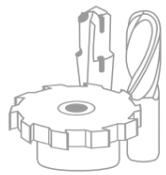
Our vision is to be the leading system supplier in manufacturing and servicing cutting tools. Digital solutions will play an increasingly important role. For even greater flexibility and transparency in the process.

With each new VOLLMER machine we aim to achieve greater precision in the sharpening and grinding process combined with an increase in productivity. This means that innovations are not developed by coincidence, but as the result of a structured process.

Every day, more than 80 developers work closely with experts in sales and product management on new solutions and technologies. The aim is not to make technological advances for their own sake, but for the success of our customers. Which is why their requests are also part of the development process. The legendary VOLLMER operating concept is a good example, since it makes optimising each machine's potential simple and convenient.

VOLLMER currently holds easily more than 200 patents, new ones are granted all the time, and in many fields around the world VOLLMER machines are considered to be the original.

MANUFACTURING AND MACHINING ROTARY TOOLS



Metals, lightweight materials and highly abrasive laminates are all demanding materials that can only be machined using equally high-performance PCD or carbide rotary tools. In turn, the sharpening and grinding process plays a crucial role in manufacturing and machining these tools, because it takes care of the requisite precision and service life of each tool.

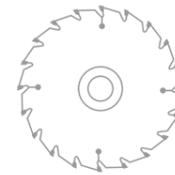
It's just as well then that VOLLMER has a unique, diverse range of high-performance, high-tech machines and extensive expertise in eroding (by wire or disc) and carbide grinding. This means we always have the right solution for manufacturing and processing the relevant cutting tools, as well as for complete machining including measuring, eroding, grinding and polishing.

Thanks to VOLLMER machines, tool manufacturers in the erosion market can produce small batches of PCD tools to a very high level of precision. VOLLMER machines also provide fast machining times for producing large batches of carbide tools. Whether it's for the automotive, aviation or aerospace industry, for the machining of magnesium, aluminium or MMX: VOLLMER is the right partner. Need an example?

With the groundbreaking multilevel machining, specially for grinding carbide, we have a highly innovative solution that sets new standards in productivity.



MANUFACTURING AND MACHINING CIRCULAR SAWS



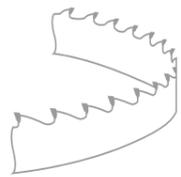
Professional tool handling and maintenance is key to the efficient and productive use of solid carbide or high-speed steel circular saws.

VOLLMER has a large range of high-performance machines in this field too, covering all manner of jobs from sharpening and servicing to hardening circular saws. For tool production, chipping sawmills or a sharpening service – VOLLMER has the right solution for you. Available in two sizes depending on your requirements and always the benchmark in terms of precision and efficiency.

This includes not only the latest machines for machining tooth face, tooth top and side angles, but also the numerous tried-and-tested efficient solutions for repair and measurement.

For all companies wishing to machine circular saw blades while keeping staff resources to a minimum – and without compromising on the quality of results – VOLLMER has the perfect automation solutions. A proven handling system combined with convenient data input account for maximum flexibility.

MANUFACTURING AND MACHINING METAL-CUTTING BAND SAWS



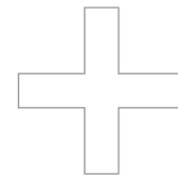
Carbide-tipped band saw blades are now an integral part of metal cutting. What makes them stand out is their small dimensions in relation to the often huge items that have to be cut. Our over 110 years of experience with saw blade grinding machines results in a unique treasure trove of experience and know-how, which allows our customers to exploit the full potential of their saws through professional handling and care – as productive and effective tools!

Of course we have not only dealt extensively with machines in this significant period of time, but also with the people who operate them. In order to make their work as simple, safe and pleasant as possible, there is the VOLLMER operating concept: intuitive and logical.

- The key benefits of our saw blade grinding machines:
- /// Compact design
 - /// Sturdy machine structure for precise sharpening results
 - /// Maintenance-friendly thanks to separation of machine/operating area
 - /// Easy to use
 - /// Excellent finish
 - /// High output and efficiency
 - /// Fewer service calls
 - /// Optimally adapted to application and requirements



VOLLMER SERVICES MADE TO MEASURE

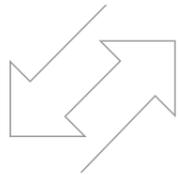


VOLLMER helps you compete: With powerful, highly efficient machines and a comprehensive range of services optimally adapted to suit your requirements.

Our services help you to exploit the full potential of your VOLLMER machines at all times. We ensure that you can concentrate more on what matters: Your success.

- VOLLMER services at a glance:
- /// Extensive advice and project planning
 - /// Financing and insurance
 - /// Training and start-up
 - /// Maintenance and service
 - /// Original spare parts
 - /// Upgrades and software
 - /// Purchase and resale of used machines

SOLUTIONS FOR DIGITALISATION PRECISION IN TRANSFORMATION



To always offer our customers the greatest possible benefit: This is what has been driving us for more than 110 years and also the principle behind V@dison, digital solutions made by VOLLMER.

Making processes more flexible and efficient. Using and making important information available more quickly. Anticipating errors and optimising processes. With these concrete objectives in view, our engineers and IT experts develop a variety of highly functional digital solutions, tools and services in four practical application areas. Constant focus on: Greater flexibility, economy and efficiency.

So that the integration and use of smart technologies gives your growth new impulses.

V@ screen

All relevant machine parameters in view and under control.

V@ check

Experiment, analyse, optimise. Reduce downtimes.

V@ boost

Increase performance depending on workpiece, exploit potential: with smart software tools.

V@ guide

Preventive maintenance, avoid errors, share knowledge.



V@dison
digital solutions

- V@ screen
- V@ check
- V@ boost
- V@ guide

NEW MARKETS, NEW TECHNOLOGIES,
NEW OPPORTUNITIES: WE ARE PREPARED

WHAT CAN WE DO FOR YOU?



VO



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