



Performance & Quality

Innovative technologies
for sharp tools
in the sawmill industry

 **VOLLMER**
Hi-Q for you



YOUR PRODUCTIVITY COUNTS



Sharpness as a competition factor

There are few other sectors where international competition is so intense. Here, it is not only the capacity of your business that determines your success on the market. The yield and quality of your products are just as critical as the productivity and economic efficiency of your plant. And the availability, quality and lifetime of your tools play a major role in this. Optimal tool care and maintenance is therefore becoming increasingly important: in other words, the success of your plant is determined in the sharpening shop.

Since 1909, VOLLMER saw blade processing machines have proved highly successful in both production and servicing applications – world-wide. When it comes to sharpening technology, VOLLMER is a partner you can rely on. Our know-how and innovative technology form the basis for productive, complete solutions to all kinds of tasks. We give you the security of having optimally machined tools at your disposal at all times.



The complete range for your sharpening shop

With nearly 100 years' experience, VOLLMER is the professional partner for any sawmill when it comes to ensuring optimal tool processing. We offer innovative solutions together with comprehensive service and support to help maximise the productivity of your sharpening shop. Take

advantage of our wide range of processing machines for every type of sawmill.

VOLLMER machines are characterised by top precision, user-friendliness and a long service life. From manually operated machines for simpler tasks through to fully

INNOVATIVE SOLUTIONS TO ENSURE YOUR SUCCESS



automatic solutions with sharpening centres in multi-shift operation. In developing these, our key priorities apart from high productivity are ease of operation and safety. The intensive training of your personnel is also an integral part of our "Hi-Q for you" philosophy. And we are con-

stantly working to improve the economic efficiency of your sawmill sharpening shop through innovative products and services.

Keeping your band saws in shape

The processing of band saw blades has a direct impact on the efficiency of the sawing process and hence on the success of your sawmill. Band saw blades have to be machined with a consistently high level of precision. There are high standards to be met, and they are critical in determining cutting quality and speed.

The VOLLMER range includes machines for sharpening, stelliteing, stretching, straightening and levelling band saw blades.

All models – whether for simpler applications or with CNC-control – are designed to meet top performance standards. For optimal cutting power, a long tool life and improved cutting quality.



BAND SAW MACHINING

Example: preparing the saw blades

The levelling, stretching and straightening of band saw blades – performed manually in separate operations – used to be a highly labour-intensive activity demanding a high degree of specialist knowledge and skill on the part of the operator. With the dressing centre RC 100, however, it is now possible to level, stretch and straighten your band saw blades in a single clamping fixture. And with a degree of precision that ensures an optimal cutting performance every time. These results are consistently reproducible – a major precondition for ensuring identical operating conditions for each saw blade.



Example: sharpening the saw blades

VOLLMER profile grinding machines optimally fulfil the top precision standards required of band saw cutting edges. CNC-controlled axes allow precise sharpening of all tooth shapes. In combination with the side grinding machine, saw blades can undergo simultaneous in-line, all-in-one machining on the face, top and both sides.

Detailed information on VOLLMER products for band saw machining can be found on the individual product sheets.



SHARPENING CIRCULAR SAW BLADES

Example CHD: all-in-one circular saw blade machining

With the sharpening machines of the CHD series, VOLLMER offers a superior concept for maximum economy and precision. CNC-controlled axes provide all the conditions for sharpening the face and top of even the most complicated tooth geometries in a single revolution.

In conjunction with an intelligent robot system and multiple loading carriages, saw blades can undergo round-the-clock, all-in-one machining.

For economic operation in sawmill applications, the machines of the eco series are particularly cost-effective.

Detailed information on VOLLMER products for sharpening circular saw blades can be found on the individual product sheets.



VOLLMER PRODUCTS FOR YOUR SAWMILL

The fitness programme for your circular saw blades

Circular saw blade machining is playing an increasingly important role in modern sawmills. Exacting demands in terms of feed speed, tool life and kerf – to name but a few criteria – have made tool maintenance a critical factor. The production and restoration of sharpness and tooth geometry, mainly in carbide-tipped circular saws, are the main areas in question here.

VOLLMER technology with diamond grinding wheels and programmable tooth shapes and angles allows simple yet extremely accurate sharpening of circular saw blades. The know-how behind VOLLMER machines is reflected not only in the sharpening

quality, but also in the user-friendly menu system. Thanks to simple and convenient user prompting, the unit can be programmed and set up in next to no time.





YOUR PARTNER FOR SUCCESS



VOLLMER service and support

VOLLMER also has plenty to offer in terms of service and support, with experts on hand for economic analyses and consulting, reorganisation of operating sequences, optimised service concepts or individual financing models. When it comes to planning your sharpening shop as the economic core of your sawmill, we are the ideal partner.

Take advantage of our impressive service and support package: works and reference visits, trial machining, training, start-up in the presence of VOLLMER experts, personnel instruction and preliminary/final acceptance inspections.

We ensure greater uptime availability of your VOLLMER machines through tele-consulting, on-site service, spare part express service, preventive inspection and maintenance (e.g. the new inspection "light"), tailor-made service and maintenance contracts during and after the guarantee period, repairs and upgrades and relocations of machines and systems.

VOLLMER. WHAT WE OFFER

The complete range for your sawmill

Products:

- Machines for levelling, stretching and straightening band saw blades
- Band saw sharpening machines for profile grinding
- Band saw sharpening machines for side grinding
- Sharpening machines and sharpening centres for circular saw blades
- Automated loading devices

Services:

- Economic analyses and consulting
- Sequence and process optimisation
- Technological consulting
- Financing models
- Works and reference visits
- Start-up
- Training and briefing
- Tele-consulting
- On-site service
- Spare part express service
- Inspection and maintenance

Detailed information can be found on the enclosed product and service sheets.





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