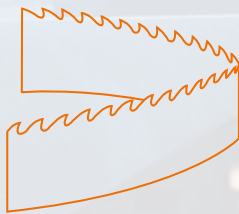


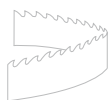


NEW: Inclusive circular saw
machining in saw mills
from page 13



////////// PRODUCT OVERVIEW //

VOLLMER competency
for **BANDSAWS**



/ BANDSAW //



Higher cut-qu
more product
technologies

MORE PRECISION
MORE EFFICIENCY
USE YOUR BANDSAWS
SUCCESSFULLY WITH
VOLLMER'S KNOW-HOW

it? Future-proof machines and solutions that have also been subjected to practical testing, which consistently set new benchmarks in reliability, precision and ease of use. Above all, services that are finely tuned to your requirements, which lighten your load and enable you to concentrate fully on your core business.

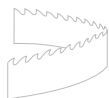
In 1909, Heinrich Vollmer developed the first saw setting and filing machines. His vision: maximum sharpness of cutting tools and saw blades. At VOLLMER, we have been bringing this vision to life for more than 100 years. Successfully, and with sustained enthusiasm.

ality, longer service life,
ivity: with VOLLMER'S
and services



When it comes to handling sharp tools, nobody is more meticulous. Nobody knows more about saw blades, teeth geometries or tooth shapes. Nobody is more consistent when it comes to developing new technologies that may soon make tool-handling even more effective and economical. When it comes to bandsaws, our developers, engineers and technicians have unique experience and a head start that is built on know-how. What are you going to get out of

When you are in business with VOLLMER, you are not just going to profit from higher cut-quality, longer service lives and the resultant increase in productivity when your bandsaws are deployed. You are also going to get the warm feeling that comes from knowing that you have a strong and futuristic partner by your side. A partner who helps you to sharpen your company's profile.



THIS IS HOW IT RUNS SMOOTHLY: EVERYTHING THAT GETS BANDSAWS INTO TOP FORM

HIGHLY PROFESSIONAL HANDLING AND CARE ENSURE THAT THE BANDSAWS REMAIN PRODUCTIVE AND EFFECTIVE IN THE LONG RUN.

VOLLMER has a uniquely diverse portfolio of high-performance, advanced machines that can handle any task related to the maintenance and sharpening of your bandsaws. Whether it is sawmills, metal-machining operations or sharpening services, VOLLMER has the right solution for your special requirements. A solution with a future!

And since sharpening isn't the only thing that matters, we also have convincing solutions that deal with many other process steps that cover the entire spectrum of bandsaw-related tasks: it could be stelliting, flattening, stretching, welding or adjusting.

These pages will give you an initial overview of the VOLLMER machines that you can use to make working with bandsaws a highly efficient and productive process. For further information, please contact your usual representative at VOLLMER.

FOR THE BANDSAW IN THE SAWMILL

// Turn your sharpening room into a profit centre: with VOLLMER's processing machines, which are fully tailored to your requirements. From simple, manually-operated machines to fully automatic hightech solutions. Enhance your productivity and your success – with the help of the highest accessibility, service life and quality that you can get out of your tools.



FOR THE BANDSAW IN THE METAL MACHINING

// A prerequisite for the effective use of bandsaws for the metal cutting operations is the highest degree of precision in tooth geometry. We know this. That's why VOLLMER provides tried-and-tested solutions that were developed and built keeping these special requirements in mind. For the tooth tops, straight tooth faces and double-sided flank grinding.


FOR MAXIMUM EASE OF USE IN EVERY DEPLOYMENT

// In the last 100 years, we have not just been working on machines. We have also been focussing on the people who operate them. The VOLLMER operating concept is geared towards making their work as simple, safe and pleasant as possible. The concept is intuitive and logical, and every single VOLLMER machine makes use of it. Copied frequently, but never matched.

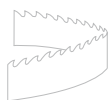


AREAS:

Band saw 

Frame saw 

Circular saw 



/// PROCESSING OF PROFILE, TOOTH FACES/TOOTH TOPS AND SIDES

A more stable and secure construction, a high degree of robustness and an impressively long service life: characteristics of the VOLLMER solutions for the profile grinding and side grinding of bandsaws. Intelligent, high-functioning machine concepts, the highest precision and naturally, comfortable handling are synonymous with VOLLMER.

The spectrum covers everything from the particularly economical solution for standard requirements to high-performance machines with 4 CNC axes. Which machine is best suited for your requirements?

AN OVERVIEW OF THE MOST IMPORTANT ADVANTAGES:

- // Compact construction
- // Machines with a stable structure for precise sharpness results
- // Maintenance-friendly, thanks to the separation between the machine compartment and working area
- // Simple operation
- // Outstanding grinding results
- // High capacity and economic efficiency
- // Rare maintenance visits
- // Advanced technology
- // Optimally tuned to operation area and requirements



/// PROFILE GRINDING

///// CA 100

Machine for the sharpening of bandsaw blades at the tooth faces and tooth tops for saw blades that cut towards the right or the left

Blade width	80 to 360	mm
Blade length	from 5.5 onwards	m
Blade thickness	0.6 to 2.8	mm
Tooth pitch	8 to 110	mm
Tooth height	8 to 40	mm
Working speed	8, 16, 24	t/min
Cutting material	CV material/Stellite®	



Auxiliary application



///// CAL 100

Machine for the sharpening of bandsaw blades at the tooth faces and tooth tops for saw blades that cut towards the right or the left

Blade width	80 to 360	mm
Blade length	from 5.5 onwards	m
Blade thickness	0.6 to 2.8	mm
Tooth pitch	8 to 110	mm
Tooth height	8 to 40	mm
Working speed	8, 16, 24	t/min
Cutting material	CV material/Stellite®	



Auxiliary application



//// CA 210

Automatic profile sharpening machine for bandsaw blades with blade widths up to 270 mm

Blade width	25 to 270	mm
Blade length	from 6 onwards	m
Blade thickness	0.6 to 2.8	mm
Tooth pitch	6 to 120	mm
Tooth height	up to 40	mm
Working speed	5 to 30	t/min
Cutting material	CV material/Stellite®	



//// CA 350

Sharpening machine for the automatic profile processing of bandsaw blades. With 4 CNC-controlled axes

Blade width	70 to 360	mm
Blade length	from 6 onwards	m
Blade thickness	up to 2.8	mm
Tooth pitch	20 to 80	mm
Tooth height	up to 40	mm
Working speed	5 to 30	t/min
Cutting material	CV material/Stellite®	

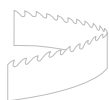


NEW //// CAG 200

CNC-controlled machine for sharpening gang saws with a blade width of up to 200 mm

Blade width	80 to 200	mm
Blade thickness	1.4 to 2.6	mm
Tooth pitch	15 to 40	mm
Cutting material	CV material/Stellite®	





/// PROCESSING OF TOOTH FACES AND TOOTH TOPS

///// CB 200

Sharpening machine for carbide-tipped bandsaw blades

Blade width	9 to 210	mm
Blade length	from 5.5 onwards	m
Blade thickness	0.5 to 3.0	mm
Tooth pitch	4.2 to 100	mm
Tooth height	< 25	mm
Cutting material	Carbide	



///// CB 400

Sharpening machine for the production of carbide-tipped bandsaw blades

Blade width	13 to 150	mm
	Coil processing	m
Blade thickness	up to 2.0	mm
Tooth pitch	4.3 to 200	mm
Cutting material	Carbide	



/// SIDE GRINDING

///// CAF 100

Machine for the sharpening of bandsaw blades on the tooth sides

Blade width	80 to 360	mm
Blade length	from 5.5 onwards	m
Blade thickness	0.6 to 2.8	mm
Tooth pitch	8 to 110	mm
Tooth height	8 to 40	mm
Working speed	up to 16	t/min
Cutting material	CV material/Stellite®	



Auxiliary application

///// CAF 310

Automatic machine for the sharpening of bandsaw blades on the tooth sides

Blade width	20 to 420	mm
Blade length	from 6 onwards	m
Blade thickness	0.6 to 3.0	mm
Tooth pitch	6 to 120	mm
Working speed	up to 25	t/min
Cutting material	CV material/Stellite®/carbide	



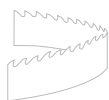
Auxiliary application

///// CBF 400

Machine for the sharpening of carbide-tipped bandsaw blades on the tooth sides

Blade width	13 to 150	mm
	Coil processing	m
Blade thickness	up to 2.0	mm
Tooth pitch	4.3 to 200	mm
Cutting material	Carbide	





/// FURTHER MACHINING PROCESSES

With the right care, you can raise not only the effectiveness and productivity of your bandsaw many times over, but also the quality of the results. Luckily, VOLLMER doesn't just take care of the sharpening process. The company has the right solution for just about every task that can be found in the

preparation, machining and maintenance of bandsaws. Field-tested and tailored to your requirements. Typical VOLLMER: A full programme - for optimum results!



/// TENSIONING AND LEVELLING

///// RC 110

Adjustment centre for the fully automatic and complete adjustment of bandsaw blades. A single clamping operation that takes care of the levelling, tensioning and straightening



Blade width	70 to 420	mm
Blade length	up to 18	m
Blade thickness	0.8 to 2.8	mm
Working speed	5 to 27	t/min

///// RB 200 / RW 200

Repair bench and rolling machine for the manual adjustment, tensioning and levelling of bandsaw blades and frame saw blades



Blade width	up to 400	mm
Blade length	from 6.5 onwards	m

/// STELLITING

////// GPA 200

CNC machine that tips the teeth of bandsaw blades, frame saw blades and circular saw blades with stellite cutting material

Blade width	35 to 360	mm
Blade length	from 6 onwards	m
Blade thickness	from 0.6 onwards	mm
Tooth pitch	10 to 100	mm



Auxiliary application



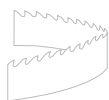
/// WELDING

////// MA 311 (MA 420)

Automatic welding machine for bandsaw blades

Blade width	60 to 311 (420)	mm
Blade length	from 5.5 onwards	m
Blade thickness	0.8 to 2.8	mm





/// ACCESSORIES

///// N 211

Winding apparatus for the winding and unwinding of endless bandsaw coil

Blade width	12 to 80	mm
Blade length	< 200	m
Blade thickness	< 2	mm
Working speed	1.1 to 2	m/min

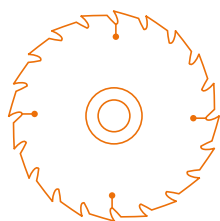


///// N 200

Saw pedestal for the saw-guiding of heavy bandsaws

Blade width	100 to 420	mm
Blade length	< 5	mm





Circular saw machining: **VOLLMER SOLUTIONS –** AN ALL-ROUND SUCCESS FOR SAW MILLS

For over 100 years, VOLLMER has been developing technologies to make production in saw mills easier, more efficient and more reliable. Today, the VOLLMER product range caters for the entire spectrum of possibilities – from manually operated machinery for relatively simple tasks to fully automated solutions with sharpening centres operated on a multi-shift basis.

Because circular saws have an important role to play alongside band saws and gang saws in modern woodworking, over the next few pages we will introduce you to some of the latest VOLLMER solutions for the universal sharpening of saw blades, as well as solutions developed specifically for use with circular saw blades in saw mills.



APPLICATIONS:

Tooth face and tooth top
in one single clamping operation



Automation
can be integrated





/// PROCESSING OF TOOTH FACES AND TOOTH TOPS

///// CANA E

Sharpening machine for the automatic processing of CV circular saw blades

Circular saw diameter	120 to 1250	mm
Blade thickness	up to 6	mm
Tooth pitch	up to 100	mm



NEW ///// CHC 840 and CHC 1300

Flexible sharpening machine for carbide-tipped circular saw blades up to diameter 840 or 1300 mm

	CHC 840	CHC 1300	
Circular saw diameter	80 to 840	80 to 1300	mm
Blade thickness	up to 8	up to 8	mm
Tooth pitch	up to 100 optional up to 180	up to 100 optional up to 180	mm



NEW ///// CP 650

CNC-controlled machine for sharpening tooth faces and tooth tops on carbide-tipped circular saw blades

Circular saw diameter	80 to 650	mm
Blade thickness	up to 5	mm
Tooth pitch	up to 100	mm



///// CL 200

CNC-controlled machine for sharpening the complete tooth geometry of carbide-tipped circular saw blades

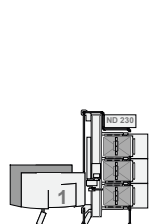
Circular saw diameter	80 to 840	mm
Blade thickness	up to 8	mm
Tooth pitch	up to 120	mm



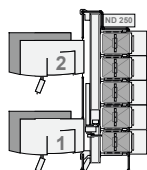
///// CHD 270

Sharpening machine for processing tooth faces and tooth tops of carbide-tipped circular saw blades

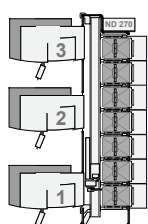
Circular saw diameter	80 to 840	mm
Blade thickness	up to 14	mm
Tooth pitch	up to 180	mm



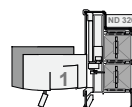
ND 230



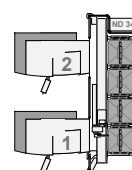
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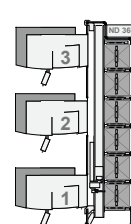
ND 270



ND 320



ND 340



ND 360



/// PROCESSING TOOTH SIDES

///// CHHF 21 H

Machines for repairing carbide-tipped circular saw blades

Circular saw diameter	80 to 700	mm
Blade thickness	up to 6	mm
Tooth pitch	up to 8	mm



NEW ///// CPF 650

CNC-controlled machine for grinding side angles on carbide-tipped circular saw blades

Circular saw diameter	80 to 650	mm
Blade thickness	up to 5	mm
Tooth pitch	up to 100	mm



NEW ///// CHF 840 and CHF 1300

CNC-controlled machine for grinding tooth sides on carbide-tipped circular saw blades with a diameter of up to 840 or 1300 mm

	CHF 840	CHF 1300	
Circular saw diameter	80 to 840	80 to 1300	mm
Blade thickness	up to 8	up to 8	mm
Tooth pitch	up to 100 optional up to 180	up to 100 optional up to 180	mm



///// CHF 270

Sharpening machine for processing the tooth sides of carbide-tipped circular saw blades

Circular saw diameter	80 to 840	mm
Blade thickness	up to 14	mm
Tooth pitch	up to 180	mm

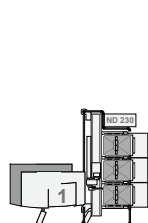


/// REPAIRS AND MEASUREMENT

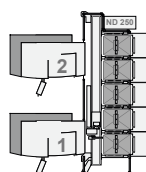
///// LG 21 H

Brazing equipment for debrazing and brazing carbide teeth

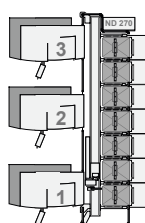
Circular saw diameter	100 to 830	mm
Carbide tooth width	up to 6	mm



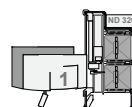
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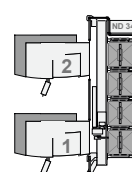
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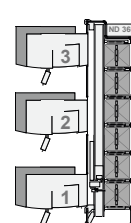
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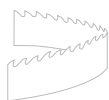
ND 320



ND 340



ND 360



/// CONSUMABLES

At VOLLMER, you will not only get sharpening machines perfectly tailored to your requirements, but also all the important auxiliary, maintenance and consumable materials optimally tuned for smooth and efficient deployment. Improve the efficiency and service life of your original VOLLMER machine with the original VOLLMER quality.

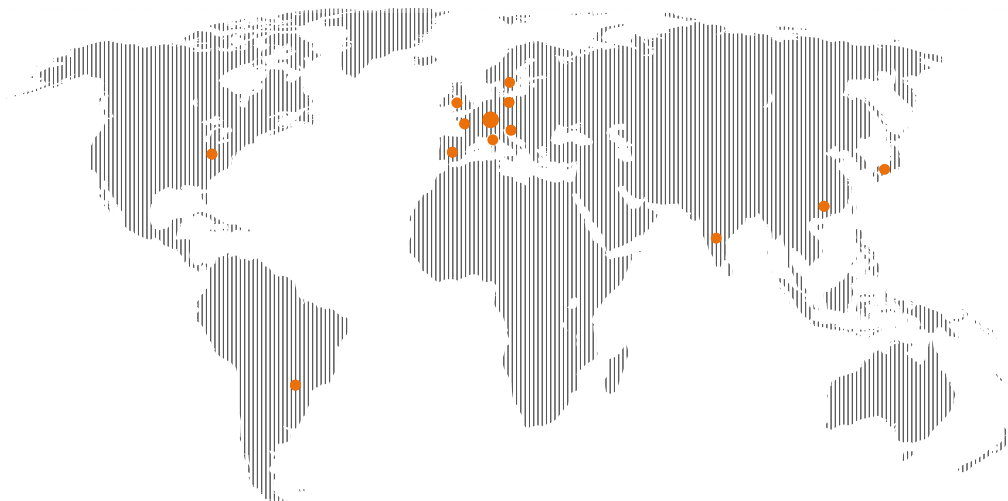
CONSUMABLES BANDSAWS

- // Ceramic grinding wheels
- // CBN grinding wheels
- // Diamond grinding wheels
- // Stellite® in different diameters
- // Other consumables:
Volmaton, grinding oil, semi-fluid grease, welding electrodes, feeder bolts ...

STELLITE® is a registered trademark of the Deloro Stellite Holdings Corporation



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/// CUSTOMISED SERVICE

In this competitive environment, VOLLMER is on your side, with highly efficient high-performance machines. A complete portfolio of services that are perfectly matched to your requirements. Our services help you ensure that your VOLLMER machines reach and sustain their full potential and enable you to concentrate fully on that which is most important: Your success.



www.vollmer-group.com/services