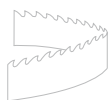


////// PRODUCT OVERVIEW //

VOLLMER competency
for **BANDSAWS**



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Xiamen Tianluowei



/ BANDSAW //



Higher cut-qu
more product
technologies

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

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.

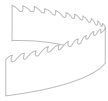
ality, longer service life,
ivity: with VOLLMER'S
and services

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

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.



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 stelliteing, 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 high-tech 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.



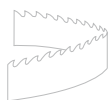
FOR THE BANDSAW IN THE METAL MACHINING

// 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.





/// 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

NEW ///// 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®	

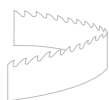


//// CA 350

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®	





/// PROCESSING OF TOOTH FACES AND TOOTH TOPS

NEW

///// 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	



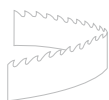
Auxiliary application

///// 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

NEW // 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

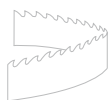
/// SWAGING AND SIDE DRESSING

///// POR eco / NOR eco

Simple and quick swaging and side dressing

Blade width	as desired	mm
Blade length	0.9 to 2.1	m
Tooth pitch	from 35 onwards	mm
Tooth height	from 10 onwards	mm





/// 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	up to 0.6	mm
Tooth pitch	10 to 100	mm
Tooth height	up to 10	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 210

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

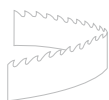


///// N 200

Saw pedestal for the saw-guiding of heavy bandsaws

Blade width	100 to 420	mm
Blade length	< 5	mm





/// 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.

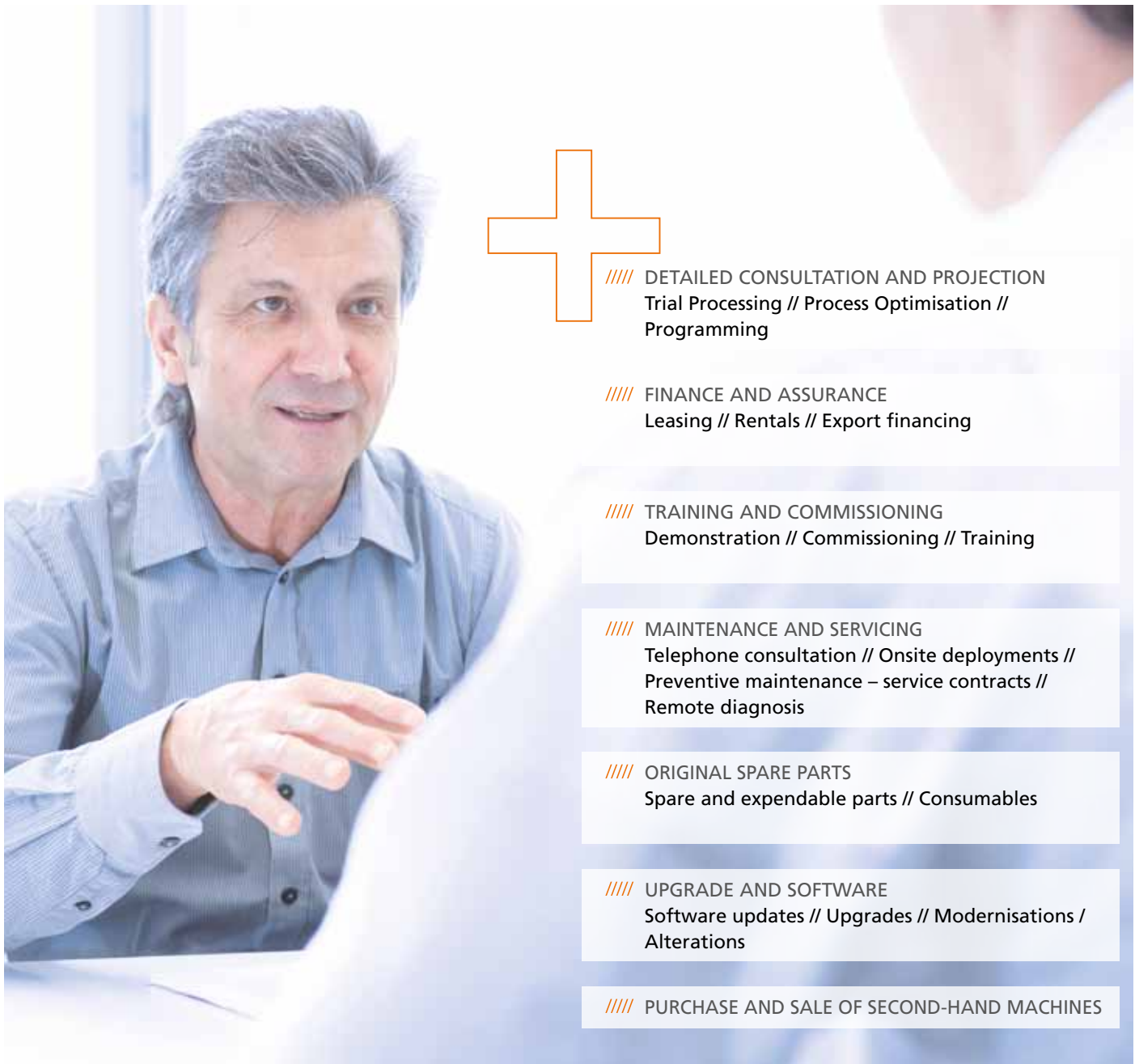
CONSUMABLES BANDSAWS

- // 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





//// DETAILED CONSULTATION AND PROJECTION
Trial Processing // Process Optimisation // Programming

//// FINANCE AND ASSURANCE
Leasing // Rentals // Export financing

//// TRAINING AND COMMISSIONING
Demonstration // Commissioning // Training

//// MAINTENANCE AND SERVICING
Telephone consultation // Onsite deployments // Preventive maintenance – service contracts // Remote diagnosis

//// ORIGINAL SPARE PARTS
Spare and expendable parts // Consumables

//// UPGRADE AND SOFTWARE
Software updates // Upgrades // Modernisations / Alterations

//// PURCHASE AND SALE OF SECOND-HAND MACHINES

/// 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