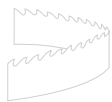


//// //// BANDSAWS //

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

CB 200



/ BANDSAWS // TOOTH FACES AND TOOTH TOPS

ALL SET FOR THE FUTURE:
WITH THE NEW **CB 200** FROM VOLLMER

COMPACT CONSTRUCTION,
4 CNC-AXES,
CONSISTENTLY ECONOMICAL

BEST PROSPECTS FOR NEW
SUCCESS ON THE GROWTH MARKET OF
CARBIDE-TIPPED BANDSAWS

CB 200
PROGRESS TAKEN ONE STEP FURTHER

CB 200 – HIGH CAPACITY IN MINIMUM SPACE



//// 1 COMPACT DESIGN

The space-saving design of the CB 200 enables efficient use of space and easy commissioning

//// 2 LARGE WINDOW

Provides an unobstructed view of the grinding process and entire inner workings at any time

//// 3 LCD COLOUR DISPLAY

Supports progressive operating concepts and provides ideal user guidance

//// 4 ROBUST COVER

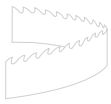
Effective noise, splash and emission protection, for perfect health and safety and a long machine life

//// 5 SOLID CONSTRUCTION

The stable machine construction on the front panel guarantees the vibration-free operation of the CB 200 and contributes to the quality of the result

//// 6 FLEXIBLE

Can be combined with various VOLLMER machines



/// THE MACHINE CONCEPT

The CB 200 competently meets all requirements for the manufacture of carbide-dipped bandsaws. In impressive quality, with long life and at an attractive acquisition price.

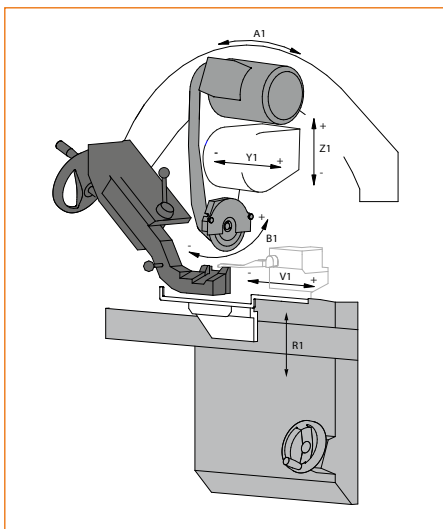
// 4 CNC-controlled axes plus VOLLMER components guarantee ideal freedom of coordination and allow for fast and accurate completion of challenging sharpening jobs

// Tried and tested VOLLMER drive technology for dynamic and reliable machining

// Manual setup

// Sophisticated VOLLMER modules with control and CNC technology for a maximum degree of process reliability

// High flexibility thanks to the possibility of combining with VOLLMER CAF 310, CB 400 and CBF 400



/// MAXIMUM FLEXIBILITY

Thanks to 4 CNC-controlled axes (B1, Z1, Y1, V1)



/// TOOTH TOP MACHINING



/// TOOTH FACE MACHINING



/// WORKING SPACE OF THE CB 200

/// THE OPERATING CONCEPT



//// VOLLMER'S OPERATING PHILOSOPHY
guarantees maximum operating comfort and pleasant work

//// 1 CONCISE VOLLMER SYMBOLS
makes intuitive programming easier at the control panel

//// 2 SAVING
up to 4000 programmes are possible

//// 3 WINDOWS-BASED USER INTERFACE
with USB interface for the convenient exchange and storage of data

//// 4 SIMPLE TOUCH
on the tooth by hand wheel or direction keys

//// 5 CONTINUOUS SPEED ADJUSTMENT

/// THE APPLICATION

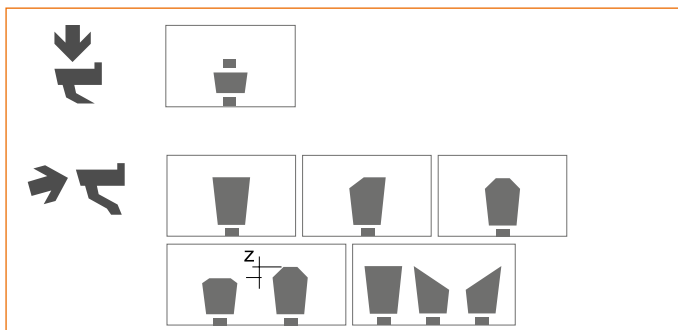
VOLLMER developers have done the groundwork so that you can fully exploit the potential of the CB 200:

// All standard tooth geometries for metal machining including a multi-surface programme are stored as standard – through to group toothing

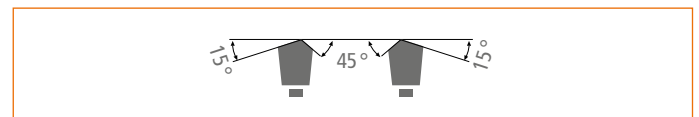
// Grinding speed can be controlled separately per surface

// Individual selection of bevel grinding angle and tooth heights

// Flexible selection of types of feed modes: lifting feed handle or tow release for vario toothing



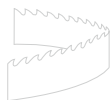
//// TOOTH FACES AND TOOTH TOPS
Tooth shape examples



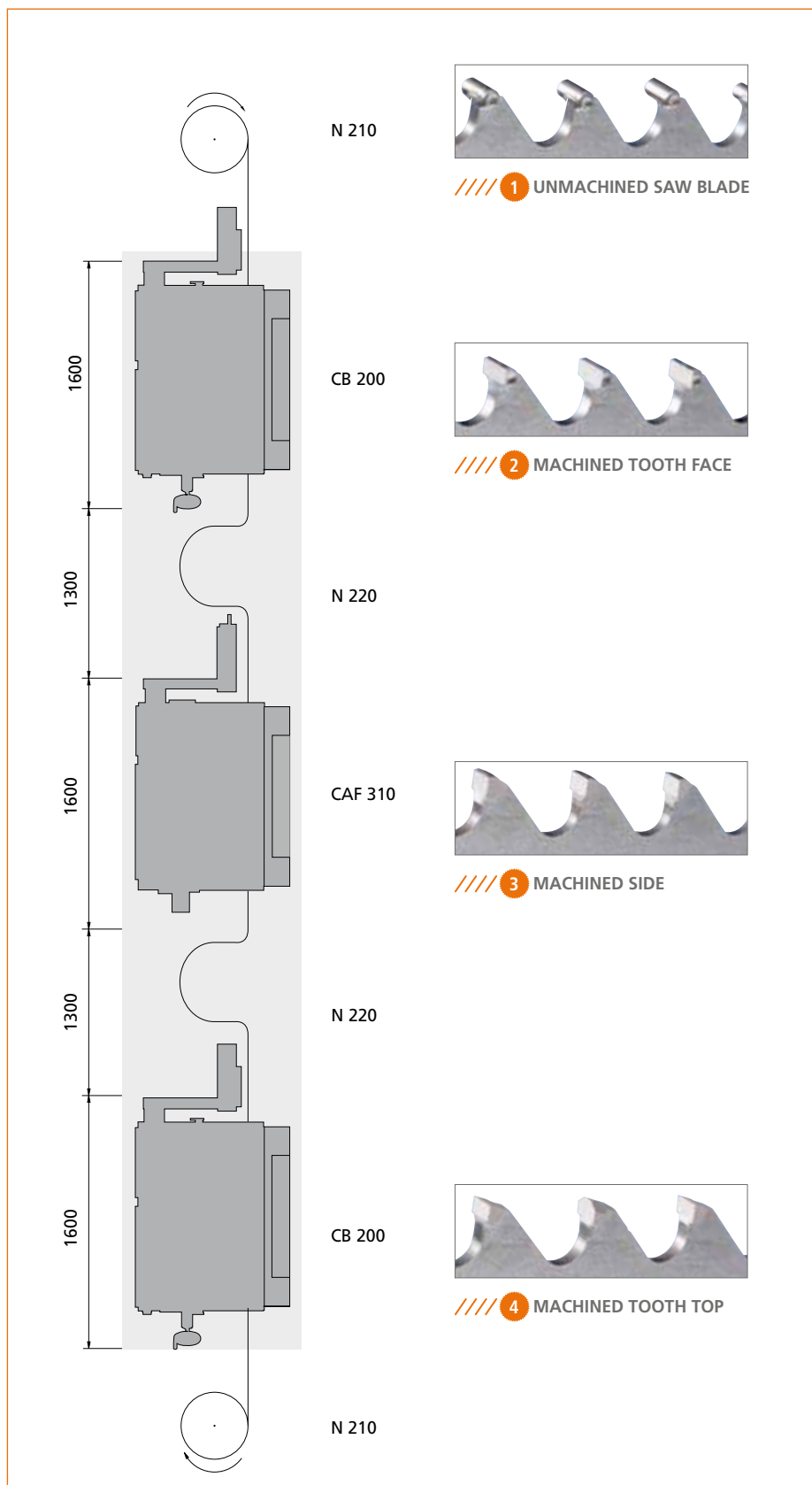
//// BEVEL GRINDING ANGLE
can be individually selected



//// GRINDING SPEED
continuously adjustable for different surfaces



/// APPLICATION EXAMPLE



/// GOOD COMBINATION

The perfect compatibility of the CB 200 assists you with the implementation of more efficient machining processes

/// TECHNICAL DATA

Bandsaws

Blade width	9 to 210 mm
Blade length	from 5.5 m
Blade thickness	0.5 to 3.0 mm
Tooth pitch	up to 100 mm
Cutting angle	-20° to +35°
Clearance angle	0° to 20°

Bevel grinding

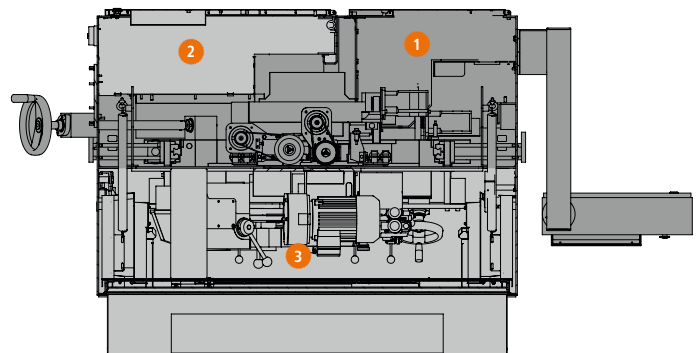
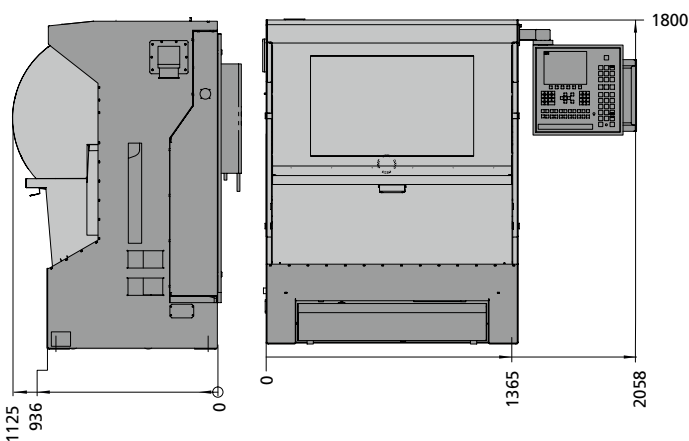
on tooth top	up to 45°
Tooth height difference	as desired

Grinding wheels

External diameter	175 and 200 mm
Bore diameter	32 mm
Peripheral speed	optionally variable
Grinding speed	0.1 to 20 mm/s

Coolant

Coolant tank content	approx. 120 l
Coolant pump output	approx. 50 l/min (depending on configuration)
Connected load	approx. 5.7 kVA (without any auxiliary equipment)
Weight	approx. 850 kg



/// MACHINE DIMENSIONS

/// INTERIOR COMPARTMENTS

- 1 Machine compartment
- 2 Electrical compartment
- 3 Work area

Subject to construction changes in the interest of technical progress.
Patents pending.

/// CUSTOMISED SERVICE

VOLLMER supports you with an extensive programme of helpful and economical services. From professional advice to the right financing, to beneficial service contracts, with which you can already determine today what service costs you can expect tomorrow.

In brief: we do everything so that you can concentrate fully on what is most important: Your success.

- // Detailed consultation and projection
- // Finance and assurance
- // Training and commissioning
- // Maintenance and servicing
- // Original spare parts
- // Upgrade and software
- // Purchase and sale of second-hand machines

CB 200 – AN OVERVIEW OF THE MOST IMPORTANT ADVANTAGES:

/// MORE PRODUCTIVITY

Maximum grinding performance and improved grinding results. Exemplary ease of use.

So that you are always one step ahead, even in future.

/// MORE EFFICIENCY

High capacity during exceptionally economical conditions – **calculable investments with a quick return on investment.**

/// MORE FLEXIBILITY

4 CNC-axes. Machine all standard tooth geometries in one cycle – including group toothing.

Ready for anything.

