

**100** YEARS  
VOLLMER  
2009

 **VOLLMER**  
Hi-Q for you

**NEW**



**Product information**

**CAF 310**

Automatic side grinding machine  
for band saw blades

# CAF 310

## Technical data at a glance:

- Band saw blades:
  - Blade length from 6 to 11 m  
(with central mounting)
  - Blade width from 60 to 420 mm
  - Option from 9 to 100 mm
  - Blade thickness from 0.6 to 3.0 mm
  - Tooth pitch from 6 to 120 mm
  - Option from 4.2 to 120 mm
  - Clearance angle
    - In feed direction up to 6°
    - In cutting direction up to 6°
- Coolant pump power 70 l/min
- Coolant container capacity 120 l
- Grinding wheel diameter 125, 100, 75 mm
- Working speed up to 25 teeth/min
- Connected load 4.6 kVA
- Weight approx. 1.250 kg



Oil cooling for long-lasting machines and less service application.

## More profitability by Long-Lasting machines. Now with oil cooling available.

### Highlights:

- Four CNC axes (one for grinding stroke, two for grinding wheel infeed, one for tooth feed).
- VOLLMER PMC multiprocessor control.
- Control panel with colour display and clear-text user prompting.
- Four grinding programs as standard, including oscillation grinding. Adjustment of number of strokes and grinding wheel infeed per stroke.
- Vario-toothing adjustment.
- Adjustment of grinding wheel peripheral speed with frequency converter.
- High grinding accuracy and surface quality using wet grinding technique with CBN diamond grinding wheels.
- Exactly level surfaces due to face grinding even after several resharpening processes.
- Also highly suitable for grinding thin-cutting and mini gang saw blades.
- Upper longlife cycle by oil cooling (option).
- Less service application.