

BAF 100

Hydraulically controlled machine for automatic side grinding of band, circular and gang saws in wet grinding execution

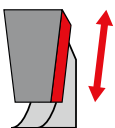


The hydraulically controlled side grinding machine type BAF 100 impresses in daily use with its easy and uncomplicated operability as well as its outstanding precision, accessibility and durability.

Highlights

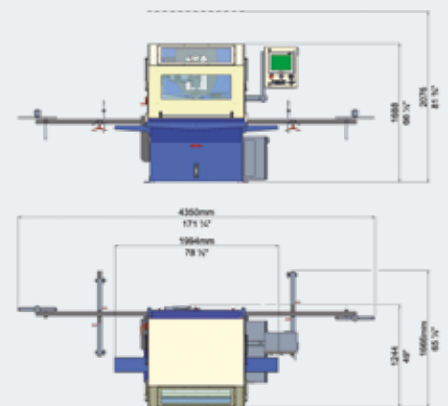
- ✓ Compact, robust and durable mechanical engineering
 - ✓ Powerful water or oil cooling system with fully enclosed coverage
 - ✓ Strong blade clamping, with force relief during feed
 - ✓ Automatic electrically controlled saw blade height Adjustment
 - ✓ Easy operation by means of color LCD touch-panel (PLC control)
 - ✓ High grinding accuracy and surface quality due to the use of CBN or diamond grinding wheels in wet grinding mode
- ✓ **Hydraulic drive and control system for:**
- Saw blade feed system & feed pawl lift during retraction movement
 - Grinding head immersion (speed infinitely variable)
 - Saw blade clamping & additional clamping

Grinding programs



Grinding-wheel feed is at the top.
This process can be repeated several times

Technical Data



GENERAL INFORMATION:

Tooth pitch	13 – 127 mm
Grinding wheel	Ø 75 – 125 mm
Flank angle	0 – 7°
Bore	Ø 20 mm

BAND SAWS:

Blade width (Standard)	60 – 360 mm
Blade width (Optional)	30 – 310 mm
Blade length (Standard)	from 5'500 mm
Blade length (Option)	from 4'300 mm
Blade thickness	from 0.7 mm

CIRCULAR SAW BLADES:

Diameter	Ø 250 – 800 mm
Bore	Ø 22 – 210 mm

GANG SAW BLADES:

Tooth length	up to 1'500 mm
Blade width	75 – 180 mm