



GEAR AF120 MICRO-GRINDING CENTER



- ▶ PRECISION
- ▶ PRODUCTIVITY
- ▶ INNOVATION

AFFOLTER
AFFOLTER TECHNOLOGIES SA

GEAR AF 120

TECHNICAL CHARACTERISTICS

Max. part diameter (with tool \varnothing 24 mm)	36 mm
Max. grinding length	50 mm
Max. diameter of the grinding wheel	53 mm
Angle of inclination of the cutter in automatic mode to the right	30°
Angle of inclination of the cutter in automatic mode to the left (with motor-driven tailstock limited to 30°)	90°
Max. rotation of the grinding spindle	80'000 rpm
Dimensions (L x W x H)	1690x960x1815 mm
Weight	1400 kg

COMPUTER NUMERIC CONTROL CNC

- CNC-Control Affolter type AGIL8-10
- LCD graphic screen with 52 keys
- High speed Interpolation DHI (Direct Hardware Interpolation)
- Simple, user-friendly operating
- Possibility to network the machines and download the programs on a PC or a server



AUTOMATION



- Semi-automatic loader type AF10
- Drum loaders type AF20, AF25
- CNC robot loader
- Adaptation of loaders type W20, W25, W31, W38, S28
- Adaptation of other types of loaders upon request

EXAMPLES OF APPLICATIONS



Rotary tool



Ground helical gear (crowned)



Ground bone screw



Thread-cutting tap



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