

AFFOLTER
AFFOLTER TECHNOLOGIES SA



SOLUTIONS FOR HIGH PRODUCTIVITY AND PRECISION GEAR HOBGING

- **Precision**
- **Productivity**
- **Flexibility**

GEAR AF90

HIGH-PRODUCTIVITY GEAR HOBGING MACHINE



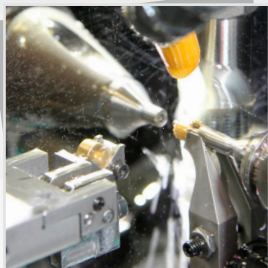


GEAR AF90

HIGH-PRODUCTIVITY GEAR HOBBING MACHINE

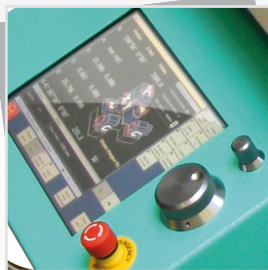
- AF90 + Loader AF45
- Max. module 0.8 mm / 32 DP
- Autonomy up to 5'000 parts
- Higher productivity

The most compact!



Technical characteristics

Max. part diameter (hob cutter ø 24 mm)	30 mm / 1.181 in.
Max. cutting length	40 mm / 1.574 in.
Max. module (depending on material and process)	0.5 - 0.8 mm / 50-32 DP
Max. diameter of the hob cutter	24 mm / 0.944 in.
Max. width of the hob cutter	20 mm / 0.787 in.
Inclination of the cutting spindle (manual)	+/- 10°
Max. rotation of the cutting spindle	16'000 rpm
Machine Dimensions (LxWxH)	1050x925x1814 mm
Machine Weight	750 kg / 1653 lbs



CNC-Control

CNC-Control Affolter type Leste 8;
High speed Interpolation DHI
(Direct Hardware Interpolation);
Touchscreen 10";
Simple, user-friendly operating;
Possibility to network the machines and download
the programs on a PC or a server.

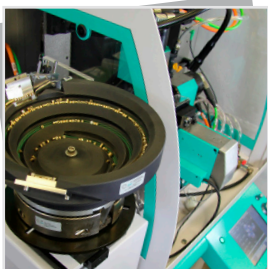
Automation AF45

Automatic Linear Slide Axis Loading System for extremely fast and precise part loading.

The parts feeding may be performed by 3 different methods according to the application, batch size and parts geometry:

- Cartridge magazine loader;
- Vibratory bowl feeding system;
- Oil impulse feeding system.

The magazine, the gripper and the vibratory bowl are designed according to the specific workpiece.



Motor reducer Gear



Watch pinion



Planet gear

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Sales network

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