

AFFOLTER
AFFOLTER TECHNOLOGIES SA



SOLUTIONS FOR HIGH PRODUCTIVITY AND PRECISION GEAR HOBBING



- Precision
- Productivity
- Flexibility

GEAR AF 101
ROBOTISED GEAR HOBBING CENTER



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ROBOTISED GEAR HOBBING CENTER

- 8 axis CNC
- Max. module 0.8 mm / 32 DP
- Max. cutting length 50 mm / 1.96 in.
- Max. part diameter 36 mm / 1.41 in.

The most automatised!



Technical characteristics

Max. part diameter (hob cutter $\varnothing$ 24 mm)	36 mm / 1.41 in.
Max. cutting length	50 mm / 1.96 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	+/- 30°
Max. rotation of the cutting spindle	16'000 rpm
Dimensions (LxWxH)	1469x1628x1847 mm
Weight	1300 kg / 2860 lbs



CNC-Control

CNC-Control Affolter type Leste 12;
High speed Interpolation DHI
(Direct Hardware Interpolation);
Touchscreen 12";
Simple, user-friendly operating;
Possibility to network the machines and download
the programs on a PC or a server.

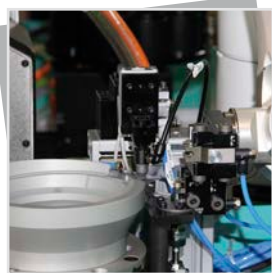


Automation

The Gear AF101 is designed for applications that
require a high degree of automation.

A wide range of feeding systems can be integrated
into the AF101 cutting center as - Pallet feeder,
Vibratory Bowl Feeding System, Belt conveyor with
parts detection by vision, Feeding rail unit, and
Feeding chain unit.

The following options show an overview of the pos-
sibilities that the AF101 offers - Cleaning Station,
Sampling unit, Stack Hob Cutting of wheels and Parts
measuring station.



Escape Wheel



Watch Wheel



Rotary
Dental Tool

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Sales network

Switzerland/EU | Affolter Technologies SA
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