



- ▶ PRECISION
- ▶ PRODUCTIVITY
- ▶ INNOVATION

**AFFOLTER**  
AFFOLTER TECHNOLOGIES SA

# GEAR AF 100

## TECHNICAL CHARACTERISTICS

Max. part diameter (hob cutter $\varnothing$ 24 mm)	36 mm
Max. cutting length	50 mm
Max. module /DP (depending on material and process used)	0.5-0.8 mm 50-32 DP
Max. diameter of the cutter	24 mm
Max. length of the cutter	25 mm
Angle of inclination of the cutter in automatic mode to the left	30°
Angle of inclination of the cutter in automatic mode to the right	30°
Rotation of the cutting spindle	16'000 rpm
Dimensions (L x W x H)	1210x960x1815 mm
Weight	1200 kg

## COMPUTER NUMERIC CONTROL CNC

- CNC-control Affolter type Leste 8
- LCD Touch Screen 12", color 800x600 pixels
- 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



## DEBURRING

The AF100 offers 3 deburring methods:

- With 2 hobs mounted for cutting in opposite direction
- X-axis deburring, cutting on both sides of the workpiece with one hob
- Deburring device Type AF52 (option)

## AUTOMATION



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

## EXEMPLES OF APPLICATIONS



Watch pinion with double gear



Helical gear 25° module 0.5 mm



Bevel Gear module 0.5 mm



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