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[www.lambert-wahli.ch](http://www.lambert-wahli.ch)

# W100 CNC

Fine pitch gear hobbing machine

# The gear cutting technology of the future



## W100 CNC

- High dynamics and precision
- Control Bosch Rexroth
- 8 CNC controlled axis
- Speed headstock and tailstock up to max. 15'000 rpm, synchronized to hobbing spindle
- Open programming environment
- Integrated network card
- Various kinds of teeth
- Bevel gears
- Multiple hobs technique
- Different gearings on the same workpiece without reclamping
- Indexing system
- Positioning and marking of a tooth

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# Bosch Rexroth IndraMotion MTX

## The control that expands your range of application

**Maschinenübersicht Automatikbetrieb**  
 Infos zum Werkstück: Test  
 Erzeugnisnr. der Verzahnung: 1  
 Gefertigte Teile: 38 / 350  
 Gefertigte Teile: 5 / 200  
 Verbleibende Teile: 312  
 Verbleibende Teile: 195  
 Zykluszeit: 24,4 s  
 Akt. Shiftposition: 5  
 Verbleibende Zeit: 2 h 7 min  
 Durchlaufung: 4

Y Istposition: 80.126 mm  
 A Istposition: 1.020 mm  
 X Istposition: 28.540 mm  
 X Istweg: -0.640 mm  
 Z Istposition: -62.000 mm  
 Z' Istposition: 94.134 mm

**NC-Verlauf**  
 STANDBY (M0) F\_4000  
 N1301G1094090 F#W\_001TAVS  
 N1301G1094091 G#W001PLN(M0000)  
 N1301G1094091 F#W\_001M00P0

Linear-Achsen: 100 % B: -3244 U/min  
 Rund-Achsen: 100 % C: -86 U/min  
 C': -84 U/min

NC-Modulen MA\_Motoren\_LB

Programm: Kanal system Grunddaten Coord.System AKov  
 Maschine: Programm-Editor Werkzeug-Verwaltung Elementen-Parameter Wartung Diagnose

The Bosch Rexroth IndraMotion MTX has been developed especially for delicate procedures and applications.

**NEW**

**2 Crown gears = 1 Equipment**

Patent applied

### W100 CNC

#### Technical data

Max. module	0.6 mm
Max. hob speed	15'000 rpm
Max. speed workpiece spindle	15'000 rpm
Max. workpiece Ø	40 mm
Max. hobbing way	50 mm
Max. setting angle of hobbing head	+/- 30°
Max. hob Ø	24 mm
Max. shift stroke	50 mm

