



Hankamp Gears Capabilities 2024



HANKAMP GEARS

Al meer dan 100 jaar in beweging

Facility



7000 m2 climate-controlled shopfloor
Newly renovated in 2013
1000 m2 additional storage space





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Soft stage

Sawing

- ⚙ Kasto Win A4.6

Turning

- ⚙ Mazak Integrex 200 ST with Robot loading
- ⚙ Mazak Integrex J200
- ⚙ Mazak Hyper Quadrex 150MSY with barfeeder (2x)
- ⚙ Mazak Megaturn 500 Vertical
- ⚙ Mazak Nexus 200 MSY with Robot loading (2x)
- ⚙ Mazak nexus 250 MSY with barfeeder
- ⚙ Mazak Nexus 350 with Robot loading (2x)
- ⚙ DMG Mori NLX2000 with barfeeder
- ⚙ DMG Mori 350 CLX with robot loading
- ⚙ Mazak primos 100 with barfeeder

Milling

- ⚙ Mazak VCE 600 with Robot cell
- ⚙ Unisign Univers 4
- ⚙ Mazak I500 (5 axis)
- ⚙ Mikron VCE 600 Pro

Broaching

- ⚙ Rausch vertical broach (2x)

Engraving

- ⚙ CNC engrave machine
- ⚙ Laser engraving
- ⚙ Handheld engrave machine



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Gear hobbing and cutting

Gear Hobbing

- ⚙ Koepfer 153 with automatic loading
- ⚙ Koepfer 200 with automatic loading
- ⚙ Koepfer 150 HLC with automatic loading
- ⚙ Liebherr LC180 with automatic loading
- ⚙ Liebherr LC280 with automatic loading
- ⚙ Liebherr 382 with automatic loading
- ⚙ Pfauter P 400 with automatic loading
- ⚙ Several conventional machines (3x)

Gear Cutting

- ⚙ Pfauter P 300 CNC
- ⚙ Lorenz LS200
- ⚙ Several conventional machines (5x)





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Hard stage

OD grinding

- ⚙ Studer S40
- ⚙ Studer S33
- ⚙ Studer S31 with automatic loading (2x)

ID grinding

- ⚙ Studer S145 (2x)
- ⚙ Studer S100

Surface grinding

- ⚙ Okamoto ACC 84DX

Lapping

- ⚙ Kurval 3R600 (2x)

Hard Turning

- ⚙ Hardinge GT27 with automatic loading
- ⚙ Hardinge T42 with automatic loading

Gear Grinding

- ⚙ Reishauer RZ400
- ⚙ Reishauer RZ 260 with automatic loading
- ⚙ Reishauer RZ 160 with automatic loading
- ⚙ Reishauer RZS

Worm Grinding

- ⚙ Reishauer NRK

Honing (Bore)

- ⚙ Sunnen Sunnen SH5000 (3x)



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Quality

Gear inspection:

- ⚙️ Klingelberg P26
- ⚙️ Hofler P400 (2x)
- ⚙️ Double flank Hommel (3x)

General

- ⚙️ Mititoyo CNC inspection machine (2x)
- ⚙️ Mititoyo CNC roundness
- ⚙️ Mititoyo Roughness
- ⚙️ All necessary in process inspection equipment

Magnetic Crack detection

- ⚙️ Baugh and Weedom SBU1000

Etching inspection

Installing in 2024

- ⚙️ Digitalization through Measurelink

Others

- ⚙️ PPAP Software IPI
- ⚙️ FMEA Capabilities
- ⚙️ 100 % Traceability
- ⚙️ SPC capabilities

Certification

- ⚙️ AS9100 (more than 25 years)