

Subcontracting of mechanical components

From single piece to large series





#### **CNC Turning**

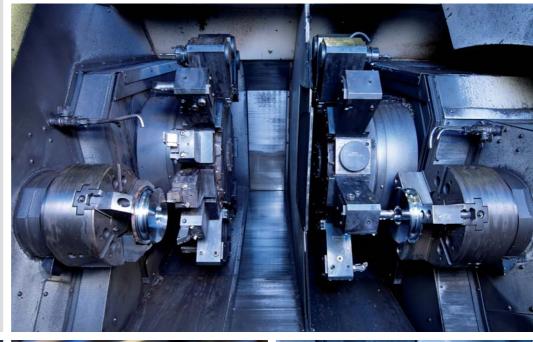
Since its foundation in 1991, Haeck has built up a strong expertise in CNC turning. We have several highly automated multitasking machines, as well as standard lathes. We mainly focus on larger series (typically 20-10.000 parts/ year). The multi-tasking machines have the following characteristics:

- Automatic loading of raw material or components (bar feeder, gantry loader, robot loading up to 200 kg). This together with our 3shift production 24/24 guarantees our high capacity.
- Complete finishing of components in one set-up. This guarantees high precision and a short delivery time. Typical characteristics of our machines:
  - double chucking
  - either driven tools or a fully integrated milling spindle
- Small series are typically produced on our standard CNC lathes, whereas large series are produced on our automated multi-tasking machines.

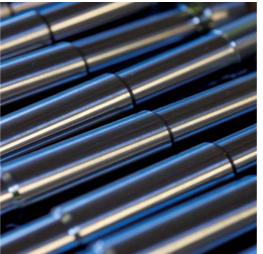
















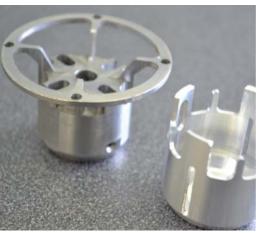


### **CNC** Milling

We have several CNC milling machines (3-axis, 4-axis & 5-axis). Some of these machines are equipped with automatic pallet changer, allowing to mill larger series of components at maximum efficiency.









#### **Profile of the company**

## Subcontracting of mechanical components in 3 shift operation.

#### **Turning:**

- 4 CNC lathes up to D550\*1250
- 7 highly automated multi-tasking machines
- o With automatic loading (bar feeder and/or gantry loader and/ or robot loading). Maximum loading capacity D400 (200 kg).
- o Double spindle
- o With driven tools or fully integrated milling spindle (max D400) (C-axis, Y-axis, B-axis)
- o Complete finishing of components in one set-up

#### Milling:

- 4 CNC milling machines
- o 3 axis milling up to 2100x600x600
- o 4-axis milling up to 2000x550x600. With integrated robot loading.
- o 5-axis milling up to D400x400

#### **Quality Control:**

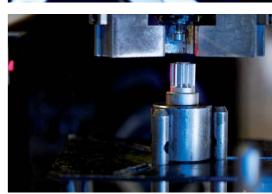
- CMM (3D Coordinate Measurement Machine) Tesa 3D 600x750x430
- Several Height Gauges (2D linear measurement)

#### CAD/CAM:

- Solidworks
- GibbsCam









# Haeck Industriële Toelevering is a subsidiary of Vaskon nv (www.vaskon.com – info@vaskon.com) :

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