Konrad Seidler MINIMAX 1800

German CNC Vertical Turning, Drilling and Milling Center

Year of Manufacture 2013 | Siemens 840D SL | drilling/milling spindle Completely Overhauled | Made in Germany | Available Immediately | Fully Operational

A high-quality CNC vertical turning, drilling and milling center manufactured by Konrad Seidler in Neuss – Holzheim (Germany), model MINIMAX 1800, year of manufacture 2013, is offered for sale.

The machine is from the original owner and was operated exclusively in our own production facility. After installation of a new production line, it was extensively overhauled and has only seen very limited use since then.

The machine is fully operational, ready for immediate use and regularly maintained. Inspection and live demonstration under power are possible by appointment.

Particular emphasis should be placed on the comprehensive overhaul of the drilling/milling spindle in 2025, restoring one of the machine's key wear components to an almost as-new technical condition.






Highlights

- Turning, drilling and milling center in a single machine
- Year of manufacture: 2013
- Siemens 840D SL CNC control
- SINAMICS 120 drive system
- 16-position automatic tool changer
- HSK100 tool interface
- Faceplate load capacity: 6,000 kg
- Faceplate speed: 5–500 rpm
- Milling spindle speed up to 6,000 rpm
- 30-bar high-pressure coolant system
- Chip conveyor
- Walk-in machining area
- First owner
- Comprehensive documentation available
- Available at short notice

- In 2025, the installed Capellini high-performance spindle (HSK100, 6,000 rpm) was completely overhauled by the specialized company Deuschle.
  Investment: approximately **€36,000 (net)**.
- **Scope of work included:**
- Complete dimensional inspection of all components using a coordinate measuring machine (CMM)
- Replacement of all precision bearings (FAG / SKF / GMN / NSK)
- Replacement of the HSK100 clamping system
- Replacement of the Balluff sensor system
- Reconditioning of the spindle shaft by laser welding and precision grinding
- Replacement of all wear parts
- Precision balancing in accordance with ISO 1940
- System balancing of the complete spindle assembly
- Adjustment of bearing spacer rings
- Final inspection including test report

More pictures:










Technical Specifications

Manufacturer:
Konrad Seidler Maschinenbau GmbH

Machine:
MINIMAX 1800

Machine Type:
CNC Vertical Turning, Drilling and Milling Center

Year of Manufacture:
2013

Control System:
Siemens 840D SL

Drive System:
SINAMICS 120

Turning Capacity:
500–1,270 mm

Faceplate Load Capacity:
6,000 kg

Faceplate Speed:
5–500 rpm

Drilling / Milling Spindle:
30 kW

Torque:
190 Nm

Drilling / Milling Spindle Speed:
2–2,500 rpm
(max. 6,000 rpm)

Tool Interface:
HSK100

Tool Changer:
16-position automatic tool changer

Coolant System:
6 bar / 30 bar high-pressure coolant system

Chip Conveyor:
Cross chip conveyor, left-hand discharge

Discharge Height:
1,200 mm

Machine Weight:
Approx. 22,000 kg

Machine Enclosure:
Double sliding door with walk-in machining area

Documentation

The following documentation is available, among others:

- **Operating manuals**
- **Installation documentation**
- **Electrical schematics**
- **Documentation for machine components**
- **CNC control documentation**
- **Chip conveyor documentation**
- **Additional original commissioning documents**

Condition

The machine is in well-maintained, fully operational condition.

Following the installation of a new production system, the machine was taken out of regular production and technically refurbished (milling spindle). Since then, it has only been used occasionally.

The machine is available at short notice and can be inspected under power and tested at our facility.

Location

Freudenberg, Germany

Available at short notice.

Inspection and test run are possible by prior appointment.

Further information, photographs and documentation are available upon request.