

CONTRACT MANUFACTURING · SINCE 1978

DEEP HOLE DRILLING AND VERTICAL TURNING AS A SERVICE. MACHINE BUILDING WITH PASSION.

Your specialist for demanding metal machining – precision deep hole drilling and vertical turning as a contract service, plus custom-engineered machine building. Quality and decades of experience for your components.



PRECISION IN THE SECOND GENERATION

45+

EXPERTISE SINCE 1978

Over 45 years of experience in deep hole drilling and machine building as a family-owned business – based in the Swabian Alb region of Germany.

300t

FULL-SERVICE MANUFACTURING

From contract drilling to vertical turning – around 300 tonnes of material machined every year.

WHY WE ARE YOUR PARTNER

We see ourselves not just as a service provider, but as a problem solver. Thanks to our extensive tool inventory, almost any diameter is available immediately – modern 3D data processing (STEP/IGES) takes your project straight into production.

OUR REFERENCES

INDUSTRIES

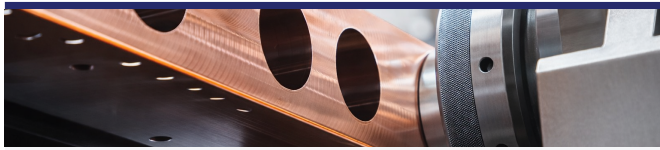
Machinery & Plant Engineering, Automotive & Aerospace, Medical Technology & Pharmaceuticals, Food & Chemical Industry, Defence & Marine, Semiconductor Industry

APPLICATION AREAS

Power Generation & Plant Construction, Stationary & Mobile Hydraulics, Rail & Railway Applications, Mining & Tunnel Boring Technology, Paper Processing, Conveyor Technology

CORE COMPETENCIES

Mould & Tool Making, Gauge & Test Equipment Manufacturing, Cast & Welded Structures, Printing & Calender Rolls, High-Precision Spindles & Shafts, Difficult-to-Machine Materials



DEEP HOLE DRILLING

Precision for Every Workpiece Geometry

Whether rotationally symmetric round parts or massive prismatic geometries such as blocks and plates – we machine your workpieces reliably to the highest quality standards. On request, with additional turning and milling in a single setup.

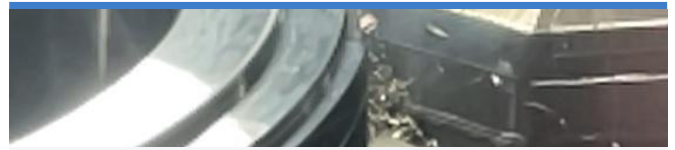
Drilling diameter **1.0 - 100 mm**

Max. drilling depth (from both sides) **up to 5,000 mm**

Max. workpiece weight **5,500 kg**

Single-lip (gun) drilling: maximum precision for fine bores from Ø 1 mm.

BTA deep hole drilling: powerful machining for large diameters up to Ø 100 mm.



VERTICAL TURNING (VTL)

Maximum Machining Capacity for Large Turned Parts

When components exceed the capacity of conventional lathes in diameter, vertical turning provides the answer. The high structural integrity and rigid design of our machines guarantee process-reliable production even under demanding conditions.

Turning diameter **300 - 2,000 mm**

Turning height **up to 1,500 mm**

Max. workpiece weight **6,000 kg**

Hydrostatic guideways and a master-slave faceplate drive ensure smooth running and precision down to the hundredth of a millimetre.

MATERIAL DIVERSITY IN MACHINING

STEELS

High-alloy tool steels and stainless steels, up to 43 HRC.

NON-FERROUS METALS / SUPERALLOYS

Titanium, Inconel, aluminium, copper and brass.

PLASTICS

High-grade engineering plastics for special applications.

GRAF + KLETT GMBH

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