

*gear***S***pect*

Gear Grinding Machines

Gear Hobbing Machines

Gear Shaping Machines

Gear Deburring Machines

**Gear
Cutting
Solutions**

Design, development and manufacturing of gear cutting machines

Inspired by 100 Years of European Tradition | Custom Built in India

SBO 300/340/400 CNC

Gear Grinding Machine

Highly productive gear generating grinder, newly designed with 7 or 8 control axes, dynamic balancing of grinding wheel and modern cooling system.



	Basic:	High Speed:
Max. workpiece dia.	300/340/400 mm	300/340/400 mm
Max. module	6 mm	8 mm
Cutting speed	35 m/s	63 m/s
No. of CNC axes	7	8

SFH 160/250 CNC

Gear Hobbing Machine

6-axes CNC controlled horizontal gear hobbing machine with excellent dynamic property, for precision gearing and having ability to machine helical gear up to 70° helix angle.



	SFH 160 CNC:	SFH 250CNC:
Max. workpiece dia.	160 mm	250 mm
Max. module	3	6
Max. gear width	700 / 1250 / 2000 mm	

SF 800/1000/1250 CNC

Gear Hobbing Machine

Gear Hobbing machine with high rate of productivity. Modern mechanical design with torque motor ensures excellent dynamics machine characteristics for efficient utilisation of tools.



	SF 800 CNC:	SF 1000 CNC:	SF 1250 CNC:
Max. workpiece dia.	800 mm	1000 mm	1250 mm
Max. module	16	18	20
Max. gear width	800 mm	800 mm	800 mm

OHA 16/32 CNC

Gear Shaping Machine

5-axes CNC efficient gear shaping machine. Equipped with hydrostatic guide of spindle. For shaping smaller-sized gears.



OHA 16 CNC: OHA 32 CNC:

Max. workpiece dia.	160 mm	320 mm
Max. module	4	6
Max. length of double strokes	55 mm	80 mm

SO 800/1250 CNC

Gear Shaping Machine

5-axes CNC controlled gear shaping machine with highly mechanical rigidity and efficient productivity. For shaping bigger-sized gears.



SO 800 CNC: SO 1250 CNC:

Max. workpiece dia.	800 mm	1250 mm
Max. module	12	16
Max. length of strokes	270 mm	320 mm

GT 600

Gear Deburring Machine

The machine serves for deburring of spur gears both external and internal also incl. chain wheels in single and mass production. It is designed for grinding wheels and milling tools.



GT 600:

Max. gear dia.	450 mm
Deburring range	0.2 - 2 mm
Grinding wheel dia.	50 - 125 mm

Design, development and manufacturing of gear measuring and gear cutting solutions since 1993

Gearspect specializes in manufacturing customized high-precision gear measuring instruments and gear cutting machines. Originating from the Czech Republic, member of the European Union, Gearspect follows more than 100 years of European tradition in gear technology production. Today, Gearspect continues its legacy with development and production facility in Pune, India, driven by a passion for providing world-class solutions.

Our team of experts trained in Europe

In Gearspect, we are a team of highly skilled technicians and engineers with extensive experience in the automotive and defence industries who were trained in the European Union by the producer of gear technology. Our team delivers innovative and customized gear measuring and gear cutting solutions.

Gearspect serves the most respected companies across the automotive, aeronautics, heavy engineering, construction equipment, and defence sectors.

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