CHEMNITZER ZAHNRADFABRIK GmbH & Co. KG

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The Chemnitzer Zahnradfabrik GmbH & Co. KG is located in Chemnitz, which is the centre of mechanical engineering in Saxony. It develops and manufactures special customer-specific gears for all areas of machine and plant engineering. Special gearsAs extraordinary ideas never follow standards, the special gears of Chemnitzer Zahnradfabrik are not listed in a catalogue. Our gears are adapted to the particular case of application for helical, worm or bevel gears and can easily combine all of them. Any possible applications of mechanical engineering, whose sophisticated concepts do not allow the use of a standard gears, can be solved by us (within a drive torque range of up to 10,000 Nm). Integrated switchable couplings extend the field of application. Toothed partsSpur gearsPinion shaftsInternal gearsSline or gear shaftsSprocketsBevel wheelsWorm wheels and worm shaftsToothed segmentsSpecial profiles Thanks to in depth knowledge of special gears in combination with ultramodern production and measurement technology, we are able to design and manufacture a great variety of high-precision cogwheels, geared shafts and toothed segments according to your wishes. Industry solutionsCZF hydraulic motor gearboxPlant engineeringConstruction machinesPrinting machinesPlastics machinesAgricultural engineeringFood engineeringMotorsportsShip engineeringEnvironmental

engineeringMachine tools

Today's mechanical engineering products are characterised by a complexity and intricacy which has led to high division of work and specialisation in the development and production of individual assembly groups. In the field of drive technology, Chemnitzer Zahnradfabrik realises customer-specific solutions for any branch of mechanical engineering. We have the perfect idea for you! Production engineeringHobbingGear shapingErodingTooth flank grindingCase machiningAssemblyQuality assuranceHeat treatment, coating, joining Chemnitzer Zahnradfabrik has a high vertical range of production which is absolutely essential for special gear manufacture. It ranges from material cutting over parts production to final colouring and assembly.Our core competence is the production of high-precision gear parts on ultramodern CNC machines. For that purpose, our optimally skilled workers are provided with a great variety of gear cutting tools, complemented by a wide range of devices and tools for case machining.

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