

Press release

Engineering

Precision parts

Machine components

Assemblies

Heat treatment



» The Berger group of companies – Precision in perfection

With its roots in the South-German Allgäu region, the Alois Berger group of company is at home in the world, having made a name for itself in the 48 years of its existence and having grown to be an international player in the production of ready-to-install precision-turned parts, machine components and assemblies. Significant investments in heat-treating technologies have firmly secured the company's path to success.

In 1955, Alois Berger started out with two workers in the Allgäu region. Today, 1280 employees in Germany, Canada, USA and Switzerland generate a sales volume of over 147 mio. Euro. Around 2200 turned parts and machine components form the Berger range of products, some of which are high-precision parts made from all kinds of machinable metals and profiled sections from Æ 3 mm to Æ 400 mm and in lengths of up to 2000 mm. The Berger group supplies customers from the automotive, hydraulics, electronics and power tool industries as well as mechanical engineering. For the mechanical engineering industry, Berger mainly manufactures ball spindle drives and complex parts for hollow shaft motors.

When producing this wide range of products, Berger not only benefits from its competence as a machining company but also on its expert knowledge of heat treating and grinding technologies.

Perfect application safety and long-lived functionality are the main demands customers make on their products. Berger's heat-treating experience goes back as far as 1985. In 1996, the heat treatment facility moved to Memmingen, where the new plant was established under the name of "ABH Berger Härtetechnik". This facility heat treats parts and supplies them to the international market. It nowadays gets about 20% of its orders from external companies, and is in a position to handle even much higher volumes. This plant therefore is of significance also for the continued expansion of the Berger group of companies. The production area was almost tripled, the heat-treating capacity doubled. More than 4 mio. Euro were invested in new machines, the number of employees is soon to be doubled. The facility is rated to run 24 hours / seven days a week. The manufacturing processes cover quenching and tempering, case hardening, carbonitriding, vacuum hardening, various annealing treatments, short-term gas nitriding, carburizing, induction hardening and sub-zero cooling. The machine pool consists of five multi-purpose batch furnaces, eight tempering furnaces and three cold-warm chambers. The furnaces can accommodate parts of up to 910 mm in length. Since 2002, the Berger heat treatment facility has used a completely new hardening and cleaning process: An automated vacuum furnace line from Ipsen company – the first of its kind in Europe. The ABH Berger Härtetechnik GmbH & CO. KG quality management is certified to DIN/ISO 9002 and QS 9000.

More information is available from

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