



## Increasing forging capacity

Securing the future with innovative forging concept

Buderus Edelstahl is investing in a successful future. For example, the extensive expansion of the Buderus Edelstahl forging operation to ensure a smooth flow of material through all parts of production.

Boosting quality and throughput – those are the core elements Buderus Edelstahl is investing in for its customers.

The extensive expansion of the forge and associated production operations ensures a smooth flow of materials, and thus a more rapid throughput of Buderus Edelstahl forged products. Stockholding areas have been expanded, sawing and dressing capacity has been increased, as have the capacities of the 20 MN press and

the 55 MN press. A rotary hearth furnace has been overhauled and upgraded, and four other large forging furnaces have been integrated into the production process. The crane capacity for the forging presses has been increased while the roof in the forging workshop was being replaced, especially to improve acoustic insulation. Overall a package of measures that contributes to increasing output and controlling costs.

### Stronger, faster, more flexible

Another step was installing an additional bank of annealing furnaces, further strengthening Buderus Edelstahl's heat treatment facilities. A sawing line was integrated into the material flow of the

machining area at the same time, to produce round blanks. This area is also being further expanded. The ultrasound workstations have also already been expanded. Further investments are also continuing in 2007 to expand ultrasonic and hot concentricity testing equipment. "This comprehensive expansion project for the Buderus Edelstahl forging operation brings quality advantages for our customers as well as further sales growth", say Jens Mohr and Karl-Peter Johann, directors of Buderus Edelstahl GmbH. "This enables Buderus Edelstahl to both reduce throughput times and increase flexibility for its customers. We wish to remain the best special steel suppliers for our customers in future."

*Converting the forging shop roof*



*Expanding the forging furnace capacity*



*Expanding tool steel service*

