

A true hero from the house of BUTTING: the BUTTING HeRo®

The BUTTING HeRo® (short for heat-resisting roller) is an uncooled non-cooled furnace roller which is used in heat treatment furnaces for steel plates and slabs. The BUTTING HeRo® has already found many supporters among steel producers worldwide, and with good reason: its ability to drastically reduce energy costs and downtimes gives it all the qualities of a real hero.

Only recently, 6 furnace rollers of a loyal HeRo customer, which in some cases had been in use in a plant for up to 10 years, found their way back to Knesebeck – many of them not for the first time either.

The reason? Another crucial advantage of this innovative product: the possibility to be reprocessed and reused several times.



The reprocessing of the BUTTING HeRo® is a major advantage compared to uncooled centrifugal cast rollers, which at first sight may appear cheaper at the time of purchase. Thus the tolerances for roundness and straightness, which could no longer be maintained after the furnace rollers have been long years in use, can be restored and recalibrated using the appropriate processes. This is possible partly because of the mechanical qualities of the material used for the roller bodies, formed from steel plates.

The roller body, made from our longitudinally welded BUTTING quality pipe, is the heart of the BUTTING HeRo®. The pipe itself already has optimum shape and positional tolerances, an important prerequisite for the subsequent manufacture of the ready-to-fit furnace roller as part of a far-reaching value added process.

Another crucial point in favour of hero, in addition to its long durability: a considerable reduction in furnace downtimes and in the resulting maintenance costs. Energy consumption can also be considerably reduced, since water-cooling is no longer necessary.

Have we aroused your curiosity?

Then please get in contact with us.

We would be glad to tell you more about our hero and other innovations from the house of BUTTING.

BUTTING – Progress by Tradition