

Supfina – Press Release

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Drastic Reduction in Grind Time **Speedfinish® can reduce the grind time of a roll by up to 75%.**

Remscheid, **Rolls for the steel, iron or paper industry, as well as glass and plastic processing. The quality of the roll surface always mirrors itself in the optics of the finished product.** There are typically precisely defined surface roughnesses that can be achieved with regular or fine grinding. However, a mirror finish can only be achieved through superfinishing followed by polishing. These surfaces are produced daily by firms that specialize in roll manufacturing. The end users (calender, print and steel mills) also have the Know-How to achieve these surfaces through grinding or superfinishing.

Along with the technical, and sometimes confidential, production Know-How the knowledge of how to manage a cost-efficient production process for roll finishing is there. Conventional grinding is by no means an insignificant cost factor in this process, but that can be changed. For a roll with a hard metal coating and the requirements of a mirror polish and Ra of 0.02 µm it takes about 10-12 hours for the conventional grinding process.

The Speedfinish® process, which was developed by Supfina Grieshaber and in use in many applications currently, can reduce this grind time by up to 75%. The same roll could be finished in one hour. And this performance can be achieved without loss to the dimensional accuracy. Along with special diamond abrasives, aluminium oxide or silicon carbide abrasives could also come into use.

Visit us at GrindTec in Augsburg (03/12 – 03/15/2008) Hall 7, Stand 723!

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