

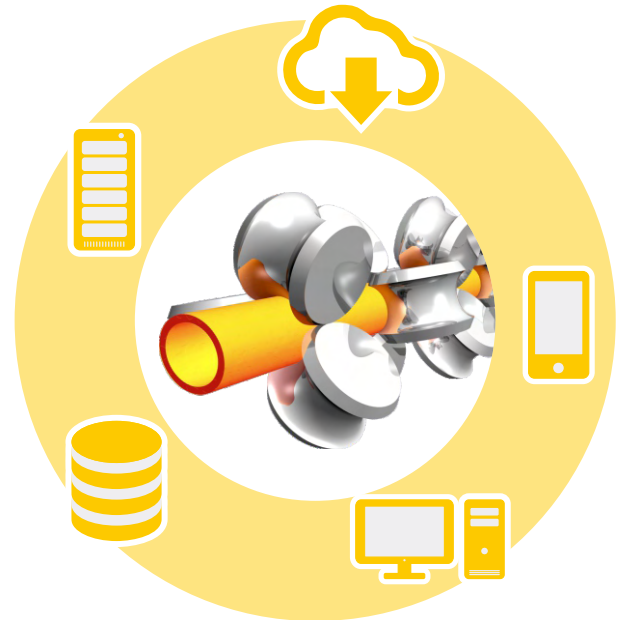
leading • future proof • reasonably priced



atrac® smart control

The next development stage
in the process control
of stretch-reducing mills:

atrac® smart control



atrac® now operates autonomously, independent of operator intervention.

atrac® **smart control** stands for a self-regulating and adaptive system for a minimal crop ends length with the best possible wall thickness constancy and material utilisation.

In the course of a rolling process, the rolling parameters are adjusted in a **self-regulating** manner so that optimal rolling result is achieved. Instant-analysis is used to check the rolling process for each tube and to automatically detect and avoid any possibly dangerous situations. This prevents mechanical overload and damage. Possible material tearing is recognised and prevented. Also, measurement data used for process control is checked and — in the event of an error — sorted out.

Learning ability supports the technological model by storing and reusing the optimised parameters determined during the production. Thus, in a new rolling lot, the optimal parameters are set quickly and reliably from the first tube onwards. In the course of the next tubes the process is further optimised, if possible, and the improved settings are stored again. This routine leads to a constant improvement of the results.

Conclusion: **atrac**® **smart control** provides the operator of the rolling mill with a very efficient colleague.

The reaction of an operator confirms it: **atrac**® **smart control** is a great system,
it delivers excellent results!

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