Your tailor-made upgrade.

> Customer-oriented support modules
> Facility efficiency analysis
> Annealing temperature calculation
> Optimized stack handling
> Mobile visualization using tablets

EBNER

Perfect technology for unique solutions. MADE BY EBNER.

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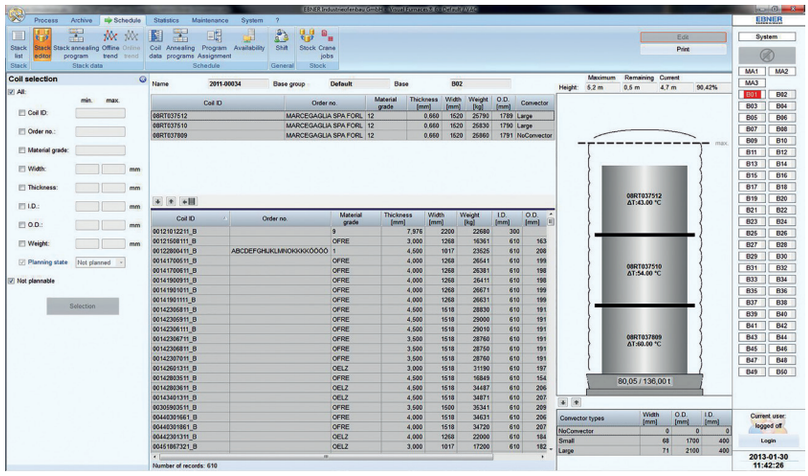
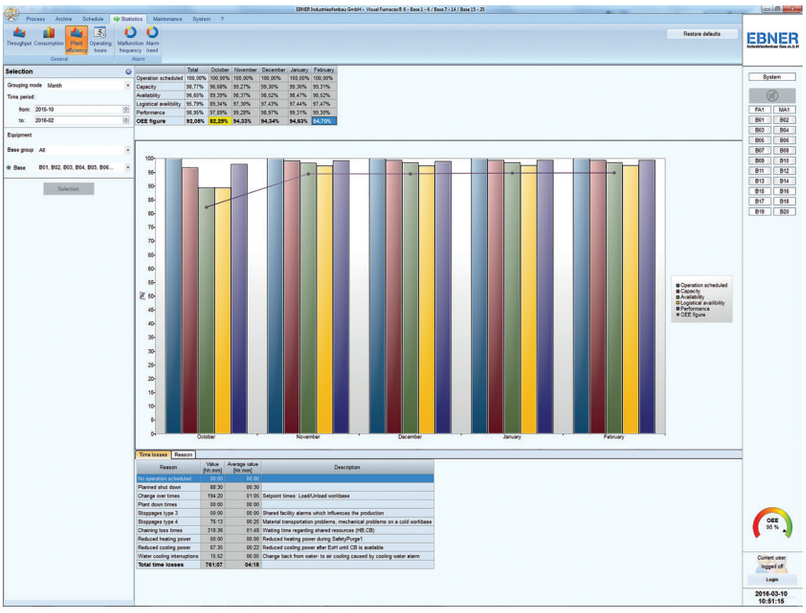
STACK *perfect.*

Stacks are formed according to the technological requirements of each coil, with the goal of achieving the best possible temperature uniformity and the highest possible furnace efficiency.





OPERATE *perfect.*

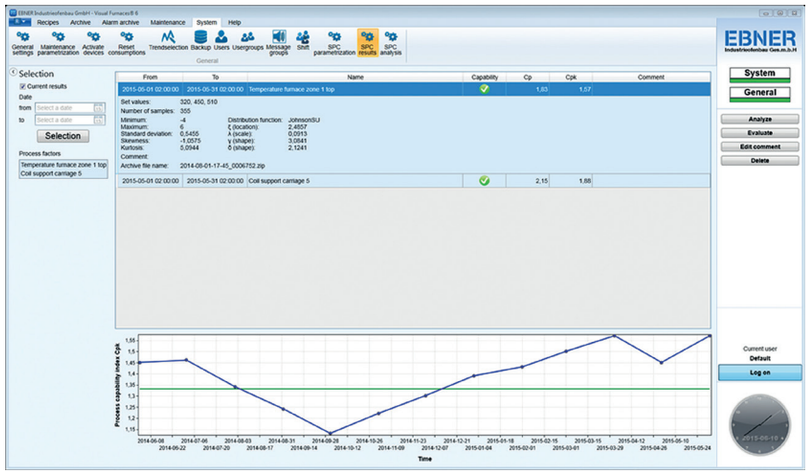
Based on the standardized OEE (Overall Equipment Effectiveness) reference data system, downtimes are systematically recorded, assessed and used for calculating the facility efficiency.

PROCESS *perfect.*

Using Statistical Process Control (SPC), the behavior of particular processes is continuously supervised in order to ensure early recognition of any deviation from a normal, stable process sequence.

WEB *perfect.*

The idea add-on to enable current production data to be viewed from a customer's PC. A tabular overview of workbases with process data, the display of currently-outstanding alarms and access to archived data provide rapid assessment of the status of the facility.

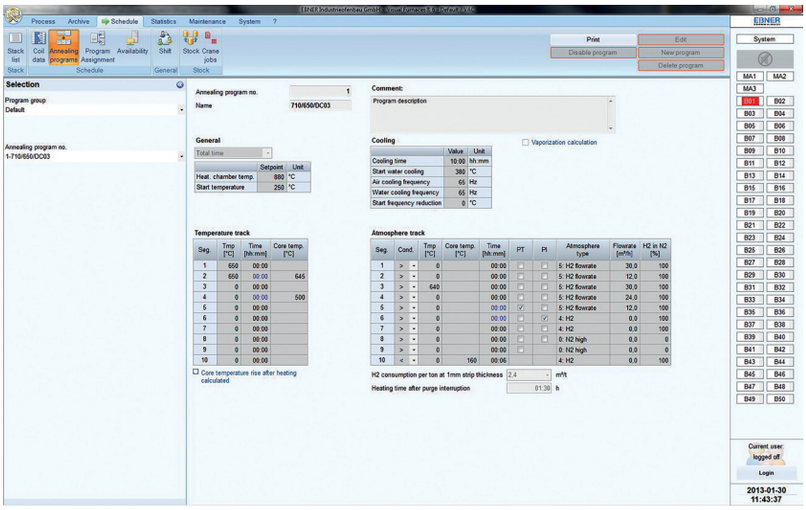


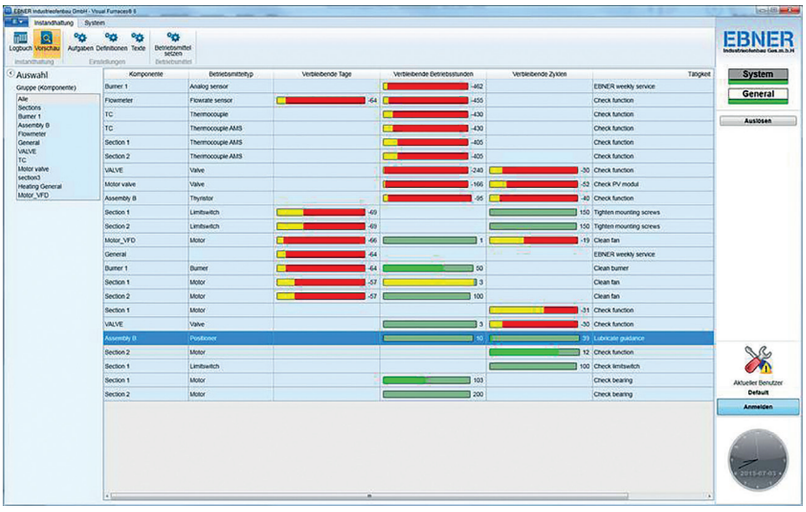
TREAT *perfect.*

Variable heating, cooling and purge times suitable for the material to be processed are calculated automatically, supervised during operation and corrected if needed.

STORE *perfect.*

This module optimizes material flow; among other features it can coordinate movement between a cold rolling mill and the bell annealer facility, taking into account both coil storage and relevant equipment.



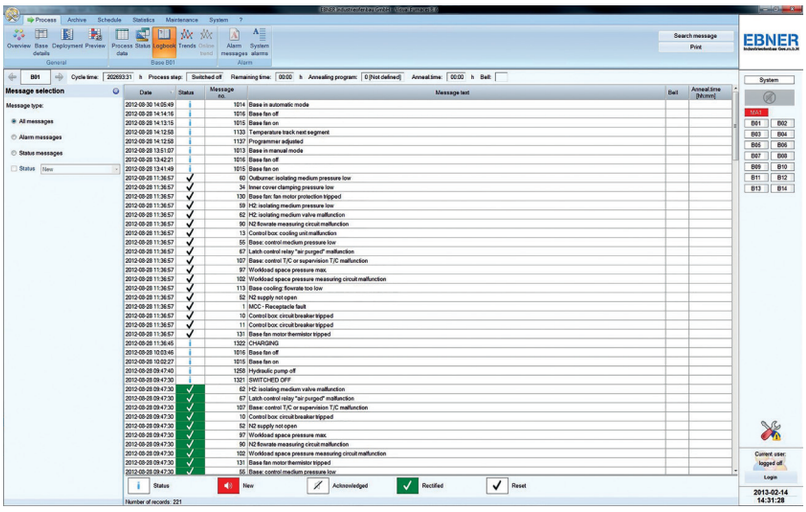


MAINTAIN *perfect.*

This maintenance module simplifies administration and planning of the maintenance intervals defined in the user manual. Planning can be based on operating hours or elapsed time.

INFO *perfect.*

Malfunction alarms are categorized by area of responsibility and can be activated individually for notification. Notification of an active alarm is sent by e-mail or text message (SMS).



EBNER VISUAL FURNACES® 6

With our proprietary **VISUAL FURNACES® 6** system, **EBNER** offers a Process Control System perfectly tailored to the individual needs of each bell annealer facility owner.

Along with the standard functions of an off-the-shelf application, **VISUAL FURNACES® 6** offers additional functions necessary for any bell annealer.

The special features **EBNER** has integrated into the **VISUAL FURNACES® 6** package bring a customer's bell annealer up to the highest standards of available technology:

TREAT*perfect*	> Autonomous temperature calculation
STACK*perfect*	> Optimized stack handling
OPERATE*perfect*	> Facility efficiency analysis
STORE*perfect*	> Expanded material flow
MAINTAIN*perfect*	> Streamlined maintenance
PROCESS*perfect*	> Statistical process control
MOBILE*perfect*	> Mobile visualization solutions
WEB*perfect*	> Worldwide access to production data
INFO*perfect*	> Status reports by text message (SMS) or email

Interested in an INDIVIDUALLY-TAILORED UPGRADE?

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We look forward to hearing from you!

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