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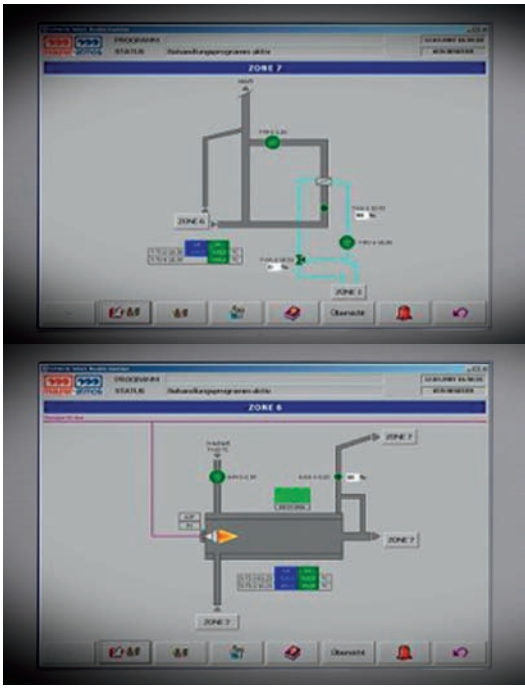
PROCESSING TECHNOLOGIES FOR COOKING
SMOKING • MATURING • DRYING •AGING



Environment and energy efficiency systems

Advantages

Environmentally friendly and resource-saving production:
Energy savings and therefore reduced production costs due to the use of a thermal afterburning system with heat recovery as well as re-circulated ice water cooling.

Process time reduction:
In the case of re-circulated ice water cooling, the products are cooled rapidly by maximum heat transfer. This decreases weight losses, reduces bacterial growth, extends shelf life and improves colouring.

Re-circulated ice water system

Economic concept for intensive cooling:
Enormous reduction of fresh water consumption. Can be used for all products – packaged, in sterile casing and in various moulds.

Circulation cycle system comprised of:
- Circulation pumps
- Heat exchanger
- Filter systems
- Dosers (optional)
- UV-sterilization (optional)

Thermal afterburning TNV

Gas-heated thermal afterburning system with heat recovery:
Optimized energy recovery by using residual heat. The recovered energy can be used in various ways:
- Warm water generation
- Heating of a hot pressurized water cycle in order to provide indirect system heating via heat exchangers.

Exhaust gas cleaning and heat recovery comprised of:
- Thermal afterburning system
- A heat exchanger for hot pressurized water (optional)
- Circulation pumps (optional)
- Pipes

Subject to changes. 04.2013 – MAM1-ECO-en – 405034

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