

Nussbaum **live**

They invented it!

«Who invented it?» This question probably ranks among the best-known Swiss advertising messages of recent times. And by now it is as much a part of Ricola as the legendary herbal drop itself. The level of familiarity with the small sweet treat and the demand for it have continued to grow. In order to satisfy this demand, the old-established Laufen-based company has completed a new ultra-modern production building at its headquarters.

The statutory requirements placed on a production facility in the food sector are extremely strict. In the case of Ricola AG, the building services engineers in particular found themselves faced with a challenging, yet by no means insoluble task. Because combining the experience of the planners responsible with the quality materials from Nussbaum brought together all the right factors for success. After all, water at various levels of purity and at different temperatures forms a central production resource throughout the sweet production area.

Nine water qualities and compressed air

The new complex consists of the



main building (offices, cloakrooms, showers, etc.) with water purification, distribution station and steam generation. These media are con-

veyed to the adjacent production building via a raised gangway. The two-storey building houses the raw material preparation in the ground floor while the production lines are installed in the basement. Water is needed everywhere, and in large volumes, starting with the showers and washbasins through the boiling lines up to the cleaning area.





*Hansjörg Jaus (R. Nussbaum AG, Basel) and
Didier Weishaar (Axima AG, chief installer)*

Involved in the project

General contractor:
Estermann AG, Sursee

Sanitary planner:
Axima AG, Basel

Sanitary installers:
Axima AG, Basel
Klima AG, Basel

Start of construction:
May 2005

Completion:
June 2006

R. Nussbaum AG

Manufacturer of fittings and
systems for sanitary installations
Martin-Disteli-Strasse 26
Postfach
CH-4601 Olten
Tel. 062 286 81 11
Fax 062 286 84 84
info@nussbaum.ch
www.nussbaum.ch

Branches in Basle, Berne, Biel,
Brig, Carouge, Crissier,
Dornbirn, Giubiasco, Kriens,
St. Gall, Trimbach, Zurich



This calls for an appropriately dimensioned distribution system: 4000 m of Optipress pipes in all sizes (15–108 mm) for four cold and five hot water types, that is to say nine separate circuits plus 1500 m of compressed air lines, also realised with Optipress. In addition, there is the pipework to connect the appliances in the main building, implemented using black PE-Xc Optiflex system pipes.

Superior and long-lasting

Nussbaum was able to supply not only the entire pipe network but also all fittings, exclusively in stainless steel to comply with the foodstuffs law. This enabled the Olten-based company to demonstrate its particular strength: a comprehensive product range from a single supplier. Of particular note are the large «XL» fitting dimensions of up to 108 mm, which are also available in stainless steel. This means that Ricola AG now has the best possible installations that comply with all legal standards and gua-



rantee a maximum working life.

Custom-made distribution manifolds from the Nussbaum factory

As a complete system supplier, Nussbaum offers custom-made distribution manifolds, on request, as part of its total service package. Axima AG, the sanitary company in charge, gladly made use of this additional service and had the cold water distribution manifolds supplied complete and ready to fit.

The companies

Axima AG unites four renowned companies under a single umbrella: Axima AG, F. Heusser AG, Caliqua AG and Electricité Plainpailais. Axima Switzerland is owned by Suez Energy Services (Suez Group), with over 30 locations in Switzerland and more than 1100 employees, including over 73 apprentices. Installation of the compressed air pipework was undertaken by Klima AG, a member of the Hälgi Building Services Group, which employs a workforce of some 650 at 18 locations in Switzerland.