



## The Norit Südmö's IntelliTop® 2.0 intelligent control unit proves an immediate market success

**HANS LANGE** ■ THE NEW PROCESS CONTROL TOP BY NORIT SÜDMÖ HAS SET STANDARDS RIGHT FROM THE WORD GO. THIS INNOVATIVE CONTROL UNIT, WHICH CARRIES THE NORIT MARK OF EXCELLENCE "EFFICIENT PERFORMANCE TECHNOLOGY" (EPT), OPENS UP A WEALTH OF POSSIBILITIES TO THE CUSTOMERS FOR AUTOMATING PROCESS SYSTEMS AND PROVIDES SIGNIFICANT POTENTIAL FOR RAISING EFFICIENCY. **WITH MORE THAN ONE THOUSAND UNITS ORDERED IN THE FIRST FEW WEEKS AFTER THE PRODUCT LAUNCH, IT IS APPARENT THAT THE MARKET WAS READY FOR THIS INNOVATION.**

The IntelliTop® 2.0 provides significant life cycle cost savings - up to 30 percent - in commissioning time and energy use. Its unique signal system allows 100 percent status monitoring of all valve positions for process security and maximum flexibility. It is also very easy to set-up and operate, and the control unit can be serviced quickly and efficiently, which is how the product significantly raises system efficiency.

The basis of the development work on the new control top is its innovative appearance that is attractive from both a functional and also visual point of view. All modern industrial design criteria for the food and beverage sectors were taken into consideration. The proven central position indicator from the previous model was integrated. This allows the customers to assign the colors green, yellow and red to the individual positions of the process valve. The unique diagnosis module saves all relevant data, which allows the customer to quickly recognize errors in the system and plan and control maintenance.

The heart of the IntelliTop® 2.0 is the position sensor which records up to three switching positions of the process valve. One priority here was the simple programming by means of three keys to guarantee fast and process-secure commissioning.

The new control top was awarded the Product Design Award 2010 at the CeBIT during the Hanover Fair in Germany. Norit Südmö won this renowned design prize against 2,486 products submitted by 1,016 participants from 39 countries. Since 1953, the IF Product Design Award has been a trademark for successful product design.



Both the product management and the marketing departments at Norit Südmö were thrilled to receive this prestigious award. "The new design of the IntelliTop® 2.0 underscores the sustained and future-oriented technology that the control top offers our customers," explained Heiko Stark, the responsible product manager at Norit Südmö. "With this EPT product, we now not only have the most attractive, but also the most innovative control top in the market."

### Tandem Development of DSV Complete and IntelliTop® 2.0

The new DSV Complete Double Seat Valve series was developed in tandem with the decentralized IntelliTop® 2.0 control top. The simultaneous implementation of these components has ideally aligned the two, which means that IntelliTop® 2.0 meets all of the requirements of the Complete Double Seat Valve series. Decentralized control via a directly attached control top for double seat valves provides sustainability for the entire process.

Norit Südmö's DSV Complete valves are highly resistant to aggressive media and offer enhanced seal material options and designs that are suitable for a variety of applications. The valves are balanced to withstand pressure shocks and operate at high pressures, and are easy to maintain. In addition, the redesigned actuator reduces maintenance and improves safety.

The combination of the IntelliTop® 2.0 and the DSV Complete series provides greater process reliability and a lower total cost of ownership.