

WAREWASHING
FLIGHT-TYPE DISHWASHER



SENSOTRONIC

EFFICIENT - RELIABLE - INNOVATIVE





ECONOMIES OF INTELLIGENCE

A new era in warewashing has arrived with a new, intelligent and cost-saving washing system – the SENSOTRONIC system in PREMAX FTP flight-type dishwashers. An intelligent machine saves you costs.

SENSOTRONIC automatically adjusts consumption to the actual load in PREMAX FTP flight-type dishwashers. The system autodetects the amount of washware as well as empty conveyor belt sections and reduces the consumption to a necessary minimum. Your benefit: cost savings you will notice.

Depending on your system, SENSOTRONIC increases potential savings by up to 10% compared to PREMAX FTP models.

SENSOTRONIC even takes it a step further in systems equipped with tray-return belts by automatically adjusting the machine's conveyor-belt speed to actual return belt load. In dual-tank systems, SENSOTRONIC keeps one wash tank on standby until the dishwasher reaches full capacity – saving up to 20% in operating costs.

SENSOTRONIC is an intelligent new wash system that has raised the standards in economical washing. Protecting the environment with lower water, power and detergent consumption at the same time.

PREMAX intelligence with SENSOTRONIC.

1 | ECONOMY

PATENT
ANGEMELDET

COMPARTMENT DETECTION AUTO-SAVE

Loading the machine with washware in batches inevitably leads to a partly loaded conveyor belt during a dishwashing shift, resulting in gaps with up to 30% of the conveyor belt empty. AUTO-SAVE automatically detects these gaps, and immediately reduces the fresh-water supply down to the minimum hundred litres per hour necessary for a perfectly hygienic result while cutting water, power and detergent consumption.

PATENT
ANGEMELDET

WATER CONSUMPTION CONTROL AQUA-ADAPT

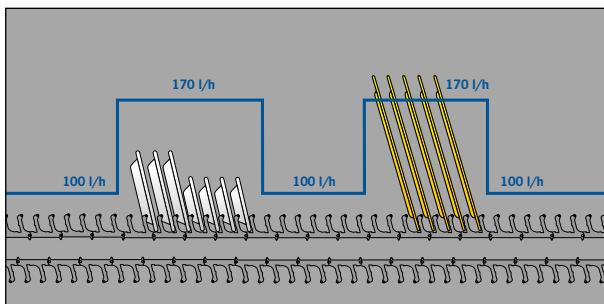
Flight-type dishwashers have a range of speeds that you can set according to washware load, level of soil or the time you have available for dishwashing. AQUA-ADAPT automatically sets hourly fresh-water consumption to the conveyor speed selected, keeping water amounts per

metre of conveyor belt to optimised levels at all times. Conveyor belt speed and fresh-water consumption are automatically adjusted in warewashing systems fitted with a tray-return belt. In dual-tank systems, SENSOTRONIC keeps one wash tank on standby until the dishwasher reaches full capacity to prevent water wastage at low machine speeds.

RESOURCE MANAGEMENT MINIMAL

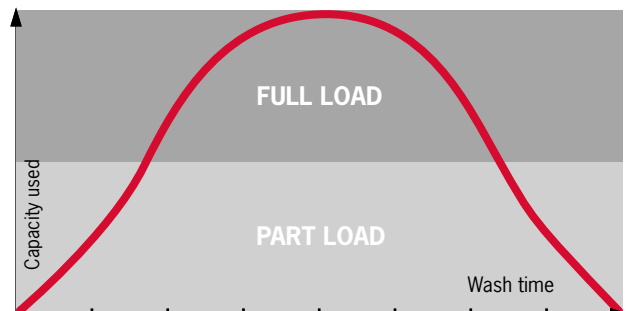
The soiling level and the drying time both play a major role in selecting a suitable wash program. MINIMAL resource management gives you the ideal solution for low-soiled washware. Selecting the program is simple and quick. The fresh-water consumption settles to 150 liter per hour while significantly cutting the machine's operating costs by up to 10%.

EFFICIENT – INTELLIGENT



Automatic water regulation to minimum level on empty-compartment detection.

ECONOMICAL – AUTOMATIC



The distinction full- or part-load operation depends on the level of capacity.

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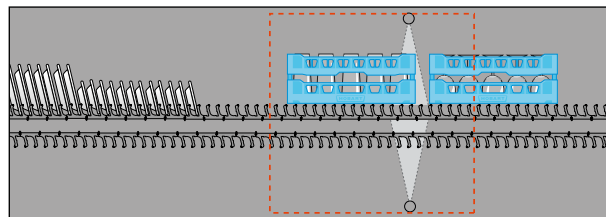
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EFFICIENT – RELIABLE – INNOVATIVE

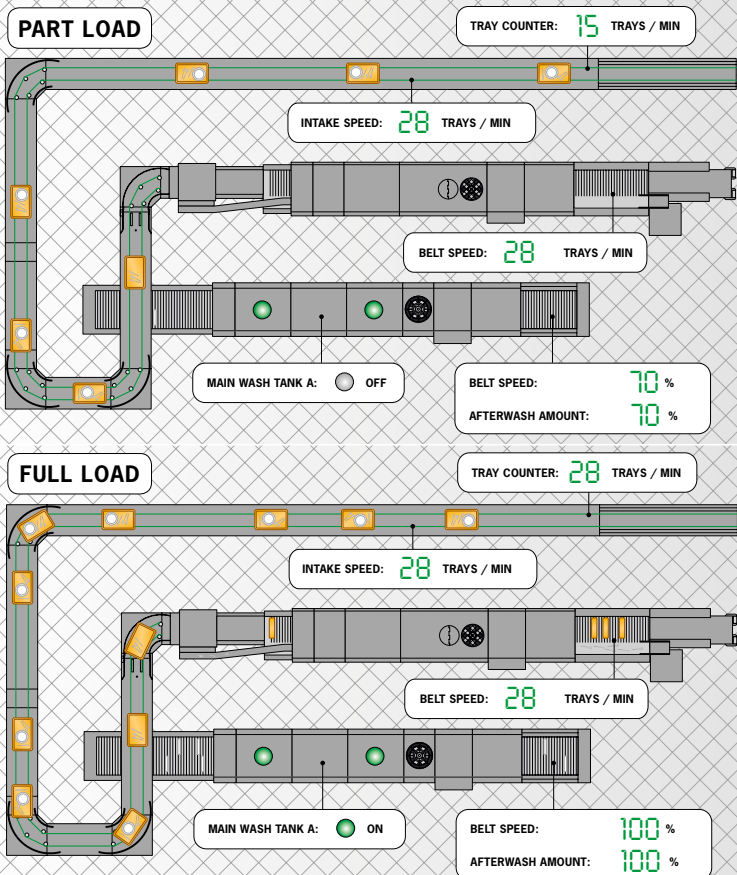
Member of the ITW Food Equipment Group Europe

**1 ECONOMY****WASHWARE DETECTION ACTIVE**

In 80% of all cases glass racks are also washed in a flight-type dishwasher. ACTIVE is an optional washware detection system that adjusts the wash process to the high demands of glassware washing. Coded glass racks are automatically detected in the machine, and the wash parameters are configured to match the new requirements. ACTIVE washware detection ensures an optimized wash result – at all times.



Automatic washware detection and machine parameter adjustment

**2 AUTOMATION**

SENSOTRONIC fulfils these requirements, automatically setting the ideal configuration to each individual machine load. The SENSOTRONIC system lowers belt speed for tray return belts running below capacity – reducing the water consumption analogical. In dual-tank systems, SENSOTRONIC keeps one wash tank on standby while the dishwasher is running on part load. Full load on the tray return belt is automatically detected and the belt speed will increase accordingly. SENSOTRONIC automatically adjusts water consumption to the new requirements cutting operating costs by up to 20%.