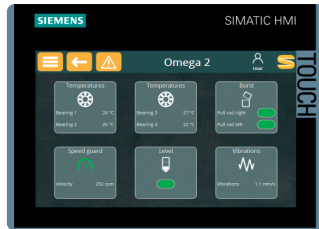




SKIOLD GUARD



SKIOLD MAKES THE DIFFERENCE!



SKIOLD GUARD MONITORING SYSTEM

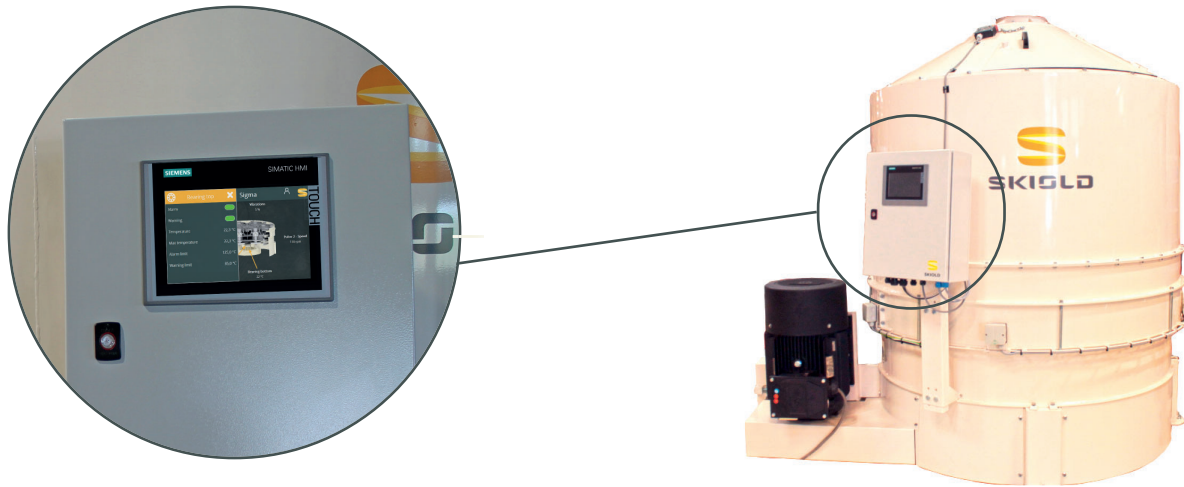
Flexible monitoring of the operational state of SKIOLD Damas machines



SKIOLDGROUP

SKIOLD GUARD MONITORING SYSTEM

Flexible monitoring of the operational state of SKIOLD Damas machines



SKIOLD GUARD gives easily readable and accurate information of the operating state of the SKIOLD Damas machines in your production line.

With SKIOLD GUARD it is possible to avoid unintended production shutdowns. The system makes it possible to make a plan for repair and maintenance with a view to obtain an efficient production.

SKIOLD GUARD keeps track of all vital parameters of your installation. The system can monitor main bearing temperature in real time and is monitoring the vibration of the machine. It can check whether the wear coatings are intact and whether there are any obstacles to uninterrupted operation – just to mention a few of the possibilities.

SKIOLD GUARD is a fully integrated system which monitors all vital characteristics of a single machine or an entire production line, eliminating the need for constant manual checks.

SKIOLD GUARD monitors all relevant parameters, such as:

- Status of tension rods and springs
- Bearing status
- Belt supervision
- Product discharge
- Vibration
- Wear of critical parts
- Start/operation hour counter

In case of a failure, the system will detect this and generate shutdown signals to the main MCC panel. (MCC panel client supply)

SKIOLD GUARD is standard on the SIGMA and OMEGA cleaners and on the ZETA gravity separator GUARD control version.

SENSORS	CHECKING
Vibration sensor	The vibration level
Temperature sensors	Wear of bearings
Wear sensors	Wear of critical parts in contact with product
Burst sensors	Critical parts that may break
Speed controllers	Motors and belts
Level indicators	Overfilling
Door switch	If doors are open / closed

