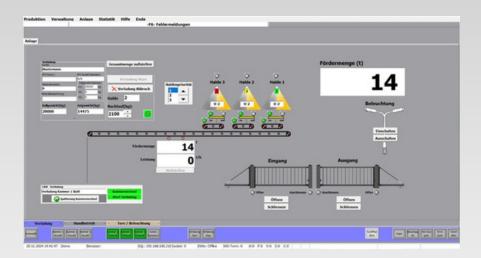


Our modular process control system KSA consists of the management software KSA-DV and the plant visualization KSA-VISU and is used for the manual and automatic control of the processes in the gravel plant. Its modular design enables the creation of a system control system that is precisely tailored to your requirements. Only the hardware and software modules necessary for the production process to be controlled are put together.



Plant visualization KSA-VISU

The visualization and operation of the system is realized via a customized process visualization. During operation, the visualization shows an overview with a schematic floor plan of the system. All relevant operating processes and system statuses, as well as an exact fault message display in plain text with time and date, are displayed graphically. Due to the modular design of the system, additional units and system components can be retrofitted or modified at any time. The KSA-VISU also has a maintenance module that can be used to control and record all maintenance intervals. All error messages are saved in a file for later review.

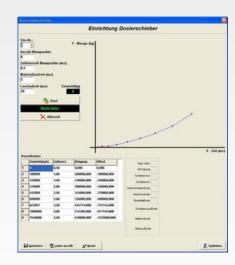


Automatic setup of the dosing slides

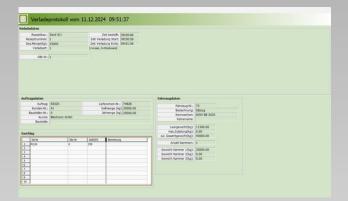
By entering the number of measuring points and the time intervals with material running time, the slide is opened by pressing the start button, the material flow on the belt scale is measured and the dosing curve of the dosing slide is automatically determined and saved.

The individual measurement results are presented in tabular and graphical form.

The automatic setup of the dosing slides can be repeated as often as required.









The KSA-DV administration module facilitates the processing of main and pre-planned orders.

The recipe management involves entering recipes according to types, components, target values etc. Recipe-specific pre- and post-run corrections ensure consistent material carpet formation.

Customer addresses, comments, and blocking indicators are stored in the **master data management** system, accessible via customer number or search term.

It is possible to assign construction site data to the customer or vehicle data including load quantity, license plate number, driver name etc.

All **statistics**, such as customer, construction site and vehicle statistics, can be displayed in freely selectable time windows. In the loading statistics, a difference calculation is created using a set/actual comparison.

The loading log allows you to see each individual load with order data, a representation of all dosed components with target quantity and total actual quantity.

Password-protected areas

Each menu item can be password protected: no access, read only, read and write access

Additional features

Post-processing of delivery notes and protocol printouts from the database, on external data media or storage on the network

Server Interfaces to other software systems

Data export in ASCII or Excel format for later data processing with Excel SQL Server

KSA