

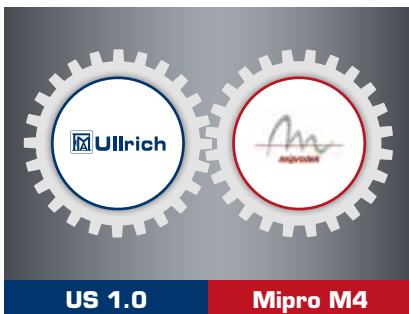


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# Silo plants with Weigh-out-systems and long-term storage

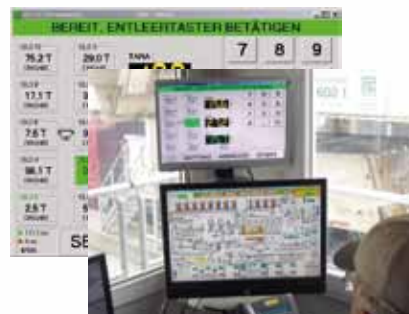
## Control-systems



A supervision system constantly active in the background ensures that failures are anticipated in due time. Like no other manufacturer, we can rely on our experience of more than 1,800 installed silo control systems and thus ensure the highest degree of security.

- Load unit with frequency inverter
- Weighing systems
- Filling level indicators
- Temperature indicators
- Energy recovery
- Camera monitoring
- Long-term storage
- Remote polling systems

## Weigh-out-systems



- Weighing over weighbridge
- Weighing by load cells
- Weighing with load pressure cells inside silo legs

Individual configuration possible due to comprehensive range of accessories.

- Temperature measurement
- Authentication
- Printer interface
- Remote polling systems

The software comes with all of these components integrated; only the hardware components have to be added.

## Long-term storage



- Innovative technology in comparison with conventional plants
- Special insulation
- Special variant: air-tight hatch cover and discharge flap
- Hot-mix asphalt can be stored for more than 90 h
- Reduction of the hot-mix temperature (production) to max. 150 -160° C
- Nearly half the pollutant exposure due to temperature reduction by 20° C
- No degradation of asphalt cement due to distillation/oxidation
- No impact on the mixed asphalt quality. 8-fold storage time compared with conventional hot-mix asphalt storage silo plants
- Lower energy consumption paired with lower energy costs during production.





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## Further Services



### Special designs

- special silo arrangements, modifications, silo extensions  
silo refurbishments, 90 °-arrangements
- X-Y- horizontal skip systems, recycling skip systems, winches
- modifications of existing silos, skip and winch systems,  
heating systems, discharge doors on all fabricates



### Enviromental protection

- plant enhousings
- steam extraction
- water spray systems (evaporation) at discharge level for  
asphalt steam extraction



### Plant inspections

- check and inspection of all mechanical silo parts and  
components, wall thickness measuring
- check of all electrical parts and components , switchboard,  
frequency invertors, silo controls, interlockings
- further inspection of mixing plant components as chimneys,  
drying and mixing drums, bucket elevators...
- Inspection report, technical quotations



### Temperature indications

- indication and registration of asphalt temperature during storage
- temperature indication at truck loading on silo outlet
- temperature recordings