



*A strong project  
partnership*



## The Projekt

Build up of a centralized filtration- system for the supply of grinding oil to a completely new organized production of carbide tools

## Special challenges

Integration of the new system into an existing infrastructure according to "state of the art" technology with special regards to filtration, machine supply concept, process cooling, temperature control, energy efficiency, electrical controls, programming and industry 4.0

Optimization of investments and operating costs with realization of ambitious environmental conditions

Wherever possible ... integration of components if these do not contradict the ecological and economical targets. For example... reuse of high volume existing tanks including drag conveyors. 30% of the required filtration capacity with reused filtration modules, already in operation at the customer. These have been used for more than 12 years, in uninterrupted service (24/7) without filter element change.

## Realization of ecology and economy

### With objective:

- Process stability
- Cost reduction
- Precision
- Sustainability

### Savings from:

- Costs
- Resources
- Personal
- Oil
- Time
- Disposal

This means **113.800** operating hours **trouble free** operation in the production and continuously... **no filter change!**



Link Video

**A unique industrial standard!**

The video (copyright **WALTER**) shows detailed accomplishments of all envisaged project targets achieved by optimized cooperation of all partners involved.

