ASK
high technology

Cut your down-times!

- fewer and shorter down times
- reduction of wear-off
- higher endurance
- longer live cycle

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Wear-off protection

for the pulp and paper industry

ASK
high technology

For more than 20 years ASK high technology has been developing solutions against abrasive and chemical wear-off in the pulp & paper industry. Our long experience in this field enables us to provide the fitting combination of materials that fits your specific needs. Reduced total-cost of owner-ship, stable product quality and lower maintenance cost are common effects of wear-off reduction.

Florian Schneider
Dipl.-Ing., Executive MBA (HSG)
Managing Director

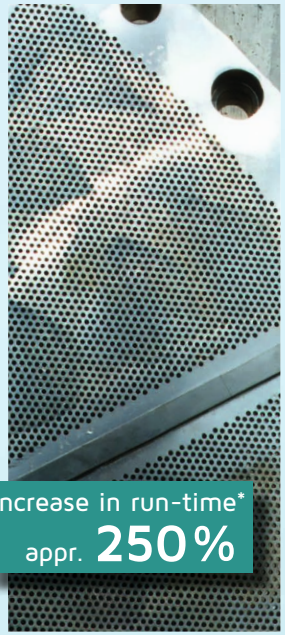
Rotors and screw presses with exchangeable wear-off elements

Our Rotors and screw presses are manufactured **exclusively from high-alloy special steels**. The individual rotor blades just as the helix of screw presses are equipped with replaceable tool carriers with anti-wear layer which **can easily be exchanged providing the possibility of a quick and simple replacement on demand.**

Due to »0« thermal distortion during our manufacturing process our rotors are characterized by high flatness and run out tolerance and allow a very precise definition of the distance between rotor and screen plate when operating the system. The usual **increase in run-time** of the wear-off elements on our rotors has shown to be at **approximately 250% compared to traditionally weld-plated rotors**, leaving the rotor body nearly unscathed.

Screw presses equipped with our exchangeable wear-off plates **showed over 600% increase in run-time, in individual cases even up to 1000%.**

Screen plates with spoiler bars



Screen plates for Turboseparators and pulpers are made exclusively from high-alloy special steels.

Spoiler bars are adapted to the respective requirements and content of foreign matter in the pulp. They are manufactured from high-strength sintered materials applied by different joining and assembly techniques. In addition to focus on high resistance against abrasive wear high care is taken on high impact strength.

For introducing spoiler bars to the screen plate only joining techniques without or with low heat impact are used, hence **thermal distortion of the screen plate can be considered as non-existent.**

The usual **increase in run-time** of our screen plates has shown to be at **approximately 250% compared to screen plates with traditionally welded spoiler bars.**

*compared to traditionally weld-plated rotors / screw presses / spoiler bars