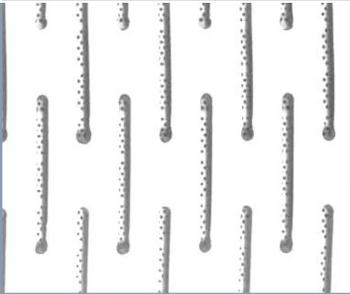
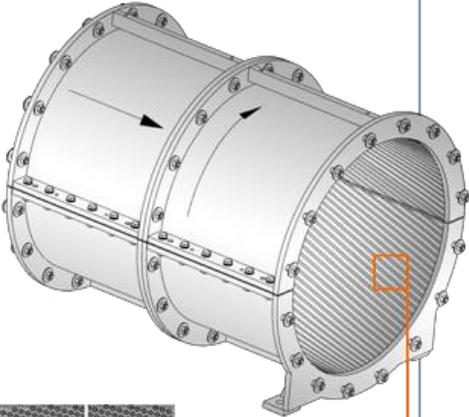
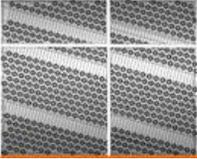


# Service Information

## Medium pressure basket

<p><b>Model(s)</b></p>	<p><b>SCP (all models)</b></p>
<p><b>Machine</b></p>	<p><b>SCP (Pulp screw press)</b></p>
<p><b>Machine group</b></p>	<p><b>Dewatering equipment</b></p>
<p><b>The challenge</b></p> 	<p><b>Avoid pulp rotation in the medium pressure zone</b></p> <p>During the operation of pulp screw presses it might happen that the inlet pressure increases. An increase of the rotation speed is necessary in order to obtain the required performance. One of the reasons for increasing inlet pressure can be found in the medium pressure zone in case that the screw does not perfectly feed the pulp.</p> <p>Usually the screen baskets for medium pressure zone have a plane surface which can lead to an unwanted pulp rotation.</p> <p>Preventing slipping of the pulp is the challenge for baskets for the medium pressure zone.</p>
<p><b>The ANDRITZ solution</b></p>  <p><b>Contact:</b> ANDRITZ AG, Graz, Austria Phone: +43 (316) 6902 pulp-paper-service@andritz.com</p>	<p><b>Grooved basket design</b></p> <p>The medium pressure baskets are grooved in an angle of 90° to the actual screw flight.</p> <p>The new slanting grooves of the medium pressure zone baskets fix the pulp to the outer shell and prevent the rotation of the pulp with the screw.</p> <p>The transportation of the pulp through the unit is linear and the dewatering action is continuous.</p> <p>The dewatering pressure gets optimally distributed.</p>  

# Service Information

## Medium pressure basket

### Benefits and features



### Screw shaft exchange program for the following screw presses

Due to the reduction of rotation speed the outlet consistency is increased whereas the filtrate quality is not affected by this upgrade.

Experience the benefits by changing all your old medium pressure baskets to the new ANDRITZ design! ▶

### Your benefits:

- **Cost reduction**
  - due to the reduction of the rotation speed (3 – 5 turns)
    - Less screw flight wear
    - Longer bearing lifetime
    - Reduced energy consumption
  
- **Improved dewatering capacity**
  - Intensive production condition fluctuations
  - Increased production capacity (up to 5%)

