

This document is a short version of the generally applicable operating instructions, it is therefore essential that you also observe the original operating instructions.

Initiation and Operation

- Assembly instructions see page 2.
- When installing the MicroGap, also follow the installation instructions of the machine manufacturer.
- The material web must not get under the bearers.



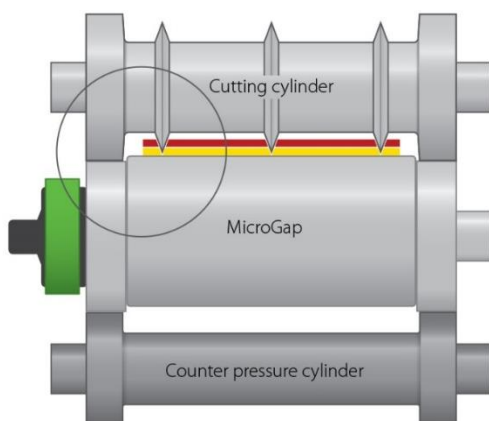
Attention!

Before every tool change or flexible die change, set MicroGap to zero position or minus range!

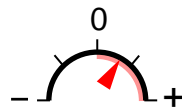


Adjusting the gap

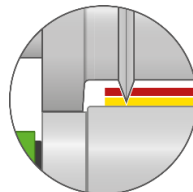
- Pull out the adjustment knob, turn in the desired direction (right = plus setting, left = minus setting). Release adjustment knob, it locks automatically.
- The contact pressure is usually set via the spindles of the cutting station. Ensure that the pressure is set appropriately and regularly.



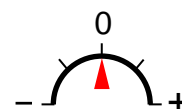
Plus Setting



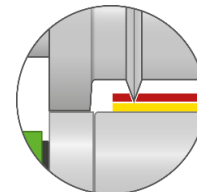
Gap becomes smaller.
Deep cutting.



Zero Position



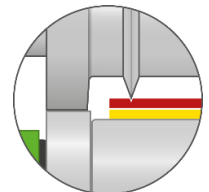
Gap becomes bigger.
Flatter cutting.



Minus Setting



Gap becomes bigger.
Flatter cutting.



Safety



Crushing hazard due to rotating axles!

For tool change, switch the machine off and secure it against re-starting!
Wear tight-fitting clothes and a hairnet.

Maintenance

The MicroGap is largely maintenance-free. Beside the cleaning, the following maintenance measures are strongly recommended:

- The gear and the bearers of the MicroGap should be lightly oiled, e.g. with lubricating oil DIN 51517.

Cleaning

- Clean the MicroGap daily, also clean thoroughly if soiled and after use, for example clean with alcohol and a lint-free cloth and then blow off with compressed air.
- Clean bare metal parts with petroleum or cleaner solvent, but never ball bearings. These parts must afterwards be protected with a thin oil film against corrosion
- Do not clean fragile components with brushes or under mechanical pressure!

Transport

- Incorrect transport can cause damage and / or malfunctions to the MicroGap. SPILKER does not assume liability for this.
- Avoid hard impacts when putting the MicroGap down.



Danger!
Injuries and / or damage due to improper assembly!

Warning of suspended load!
For transport and tool change only use suitable lifting appliance.
Never stand or work under suspended loads during use.

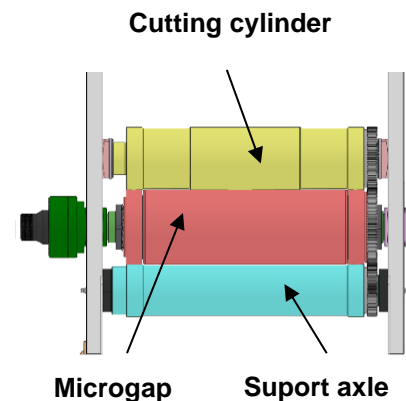


Safety

- The MicroGap may only be assembled and operated in perfect technical condition!
- Strictly assemble the MicroGap only at a switched-off cutting station or machine and by suitable specialist personnel!

Assembly

- Insert first the MicroGap and then the cutting cylinder into the station.
- The cutting cylinder must rest on the MicroGap. The gears must interlock.
- When assembling a pressure bridge, pay attention to the correct position of the pressure shoes towards the bearers.
- Before switching on assemble all protective coverings, cover plates and safety installations correctly.



Note!

With every tool change check all gears and the running surfaces of the bearers of all cylinders for soiling and damage.
Additionally check the lubrication of the bearings!

Storage

- When not in use for a longer time, protect MicroGap against corrosion with a light oil film.
- Always store the tool in the original packaging.
- Secure MicroGap against slipping and tipping.