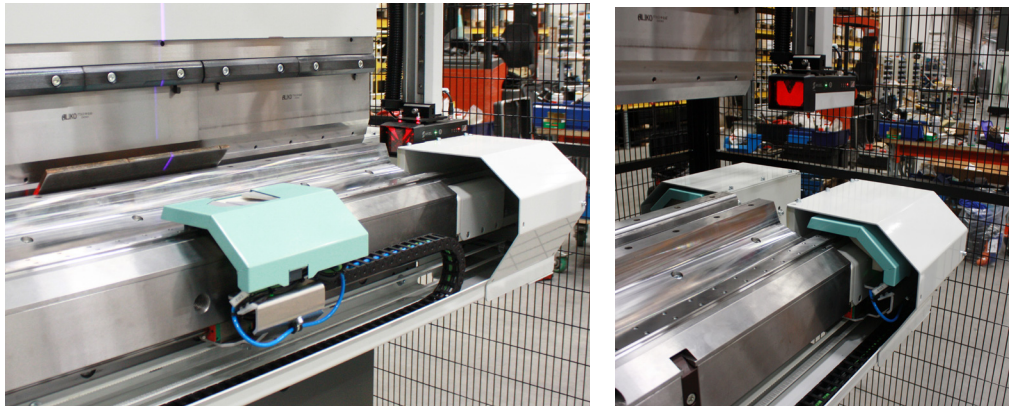


# ALIKO KMJ AUTOMATIC ANGLE MEASURING DEVICE



## EASILY ADJUSTED MEASURING

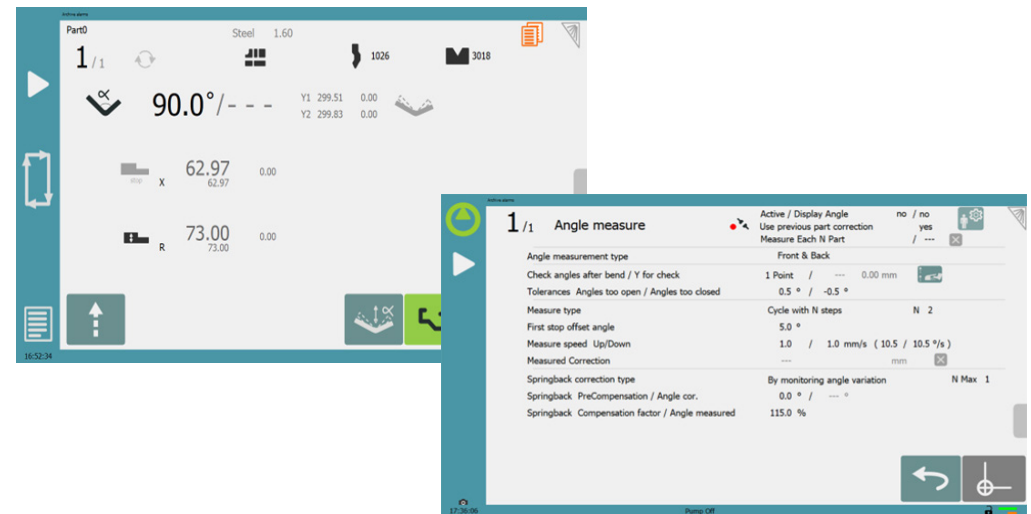
When the bending pressure is released from the material, it will tend to return to its original shape. This effect, which will result as a bend that isn't at the desired angle, is called the springback. This makes overbending necessary in order to achieve desired angle. With an CNC controlled Aliko KMJ angle measuring device it is possible to measure the springback effect and automatically calculate a correction in real time to reach the desired angle.

There are multiple ways in which to use the Aliko KMJ angle measuring device. If needed, Aliko KMJ angle measuring device can give continuous information to the CNC control. The bending calculations will then be based on those measurements and not just on the calculations based on used tools or bending material.

Aliko KMJ angle measuring device can use the results from previous bendings and with those calculations proceed without doing new measurement. Sequence of the measurements can be adjusted from the CNC control panel so that the measuring will be done as often or as rarely as wanted. Criteria and suitable margin for the bend can be adjusted from the CNC control panel.

## SERVO DRIVEN AND CNC CONTROLLED

Aliko KMJ angle measuring device measures bending sheets angle simultaneously from front and back of the bending table. It's driven with servo motors from Cybelec control panel. Aliko KMJ-1 has one sensor pair and KMJ-2 has two sensor pairs for simultaneous measuring on both ends of the bending table.



- Typical measurement accuracy better than +/-0.1 °
- Can be used with 1V lower tools or CNC vario dies
- Can be cleaned pneumatically
- Change of lower tool won't affect the measuring nor does it make moving the measuring necessary.
- A covered parking space at the bending table.
- Has a blue beam, making all the lights on the bending bed to be in different colors.
- Collision protection for safety