



# Cyrel® Multiple Sleeve Mounting Device



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## Scope

- **Single Sleeves which are shorter than the cushion bridge can be positioned easily.**
- **Combination of different designs with identical repeat length in one print run. All sleeves are in register to the colors on other adapters.**
- **By mounting two sleeves on one cushion bridge, design width can be covered which are bigger than the maximum length of one single sleeve.**

## Solution and System Requirements

### - Cushion Bridge Adapter - Universal

**Air from the edges of the cylinder is guided through internal pipes across the sleeve.**

**A special hole-pattern allows the handling of several sleeves.**

**The Universal is providing a controlled and repeatable air-flow when mounting sleeves.**

**This is due to the advantage that air-supply for the sleeves is not depending on the position of the air-holes in the centre of the cylinder which are not standardized in common.**

### - Microflex Multiple Sleeve Mounting Device with camera support

**The positioning of the sleeves is supported by cameras and controlled on monitors.**

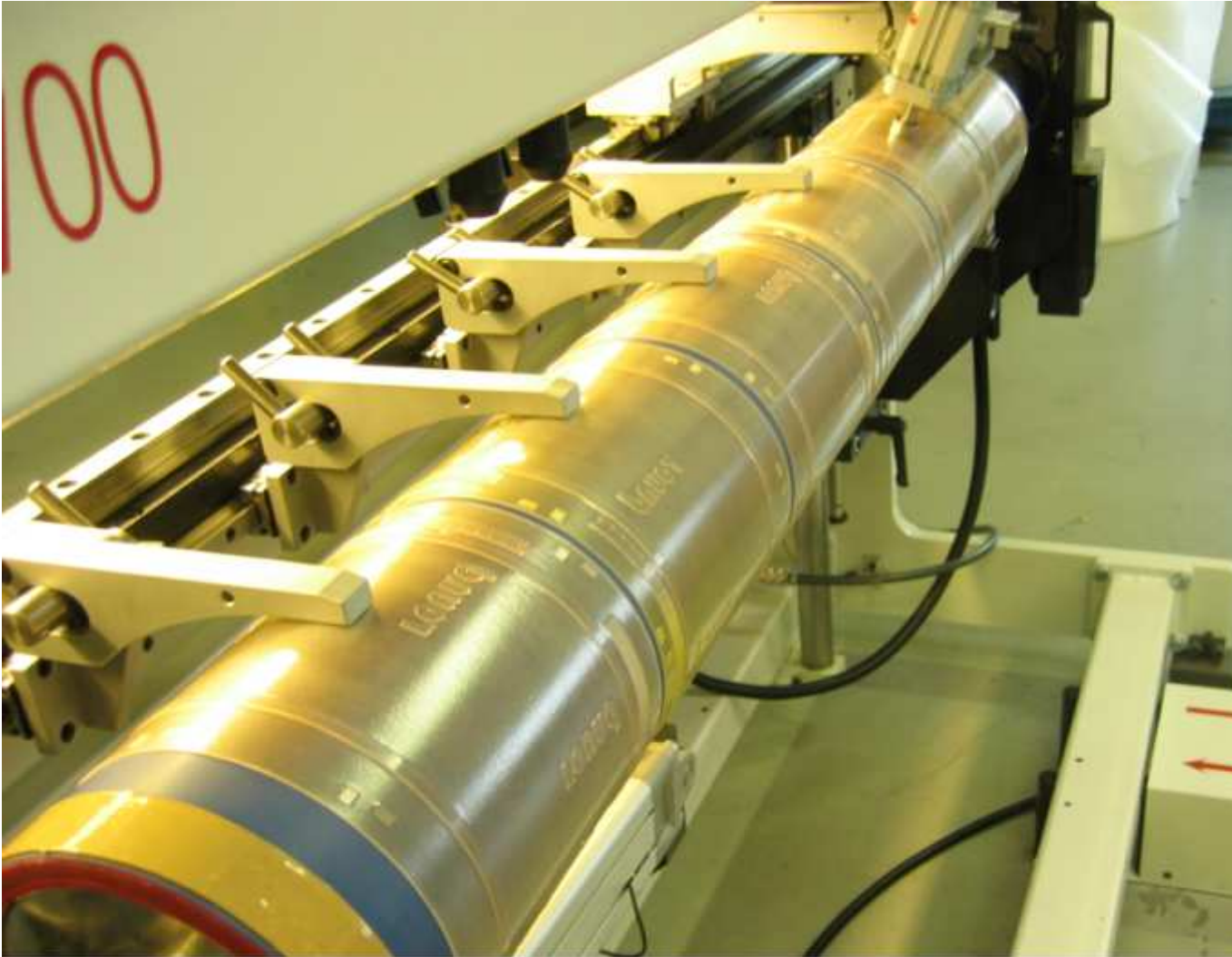
**A pneumatic stamp tool allows the movement of the sleeves in micrometer steps.**

**Compressed air supply of min. 8 bar is required.**

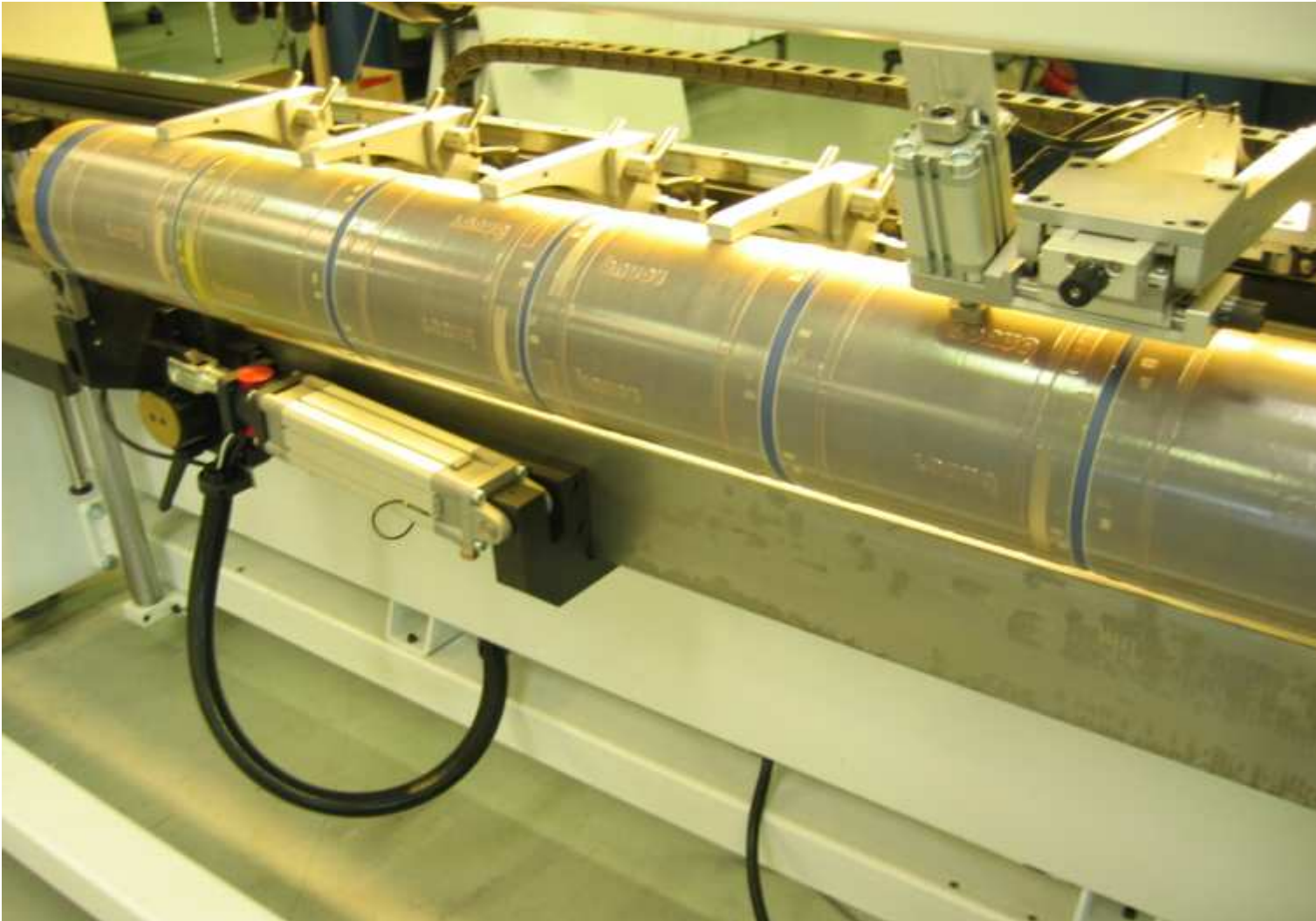
## Cyrel® Multiple Sleeve Mounting Device



## Mounting six sleeves on one cushion bridge



## Six Sleeves: four are fixed and 5th is just positioned

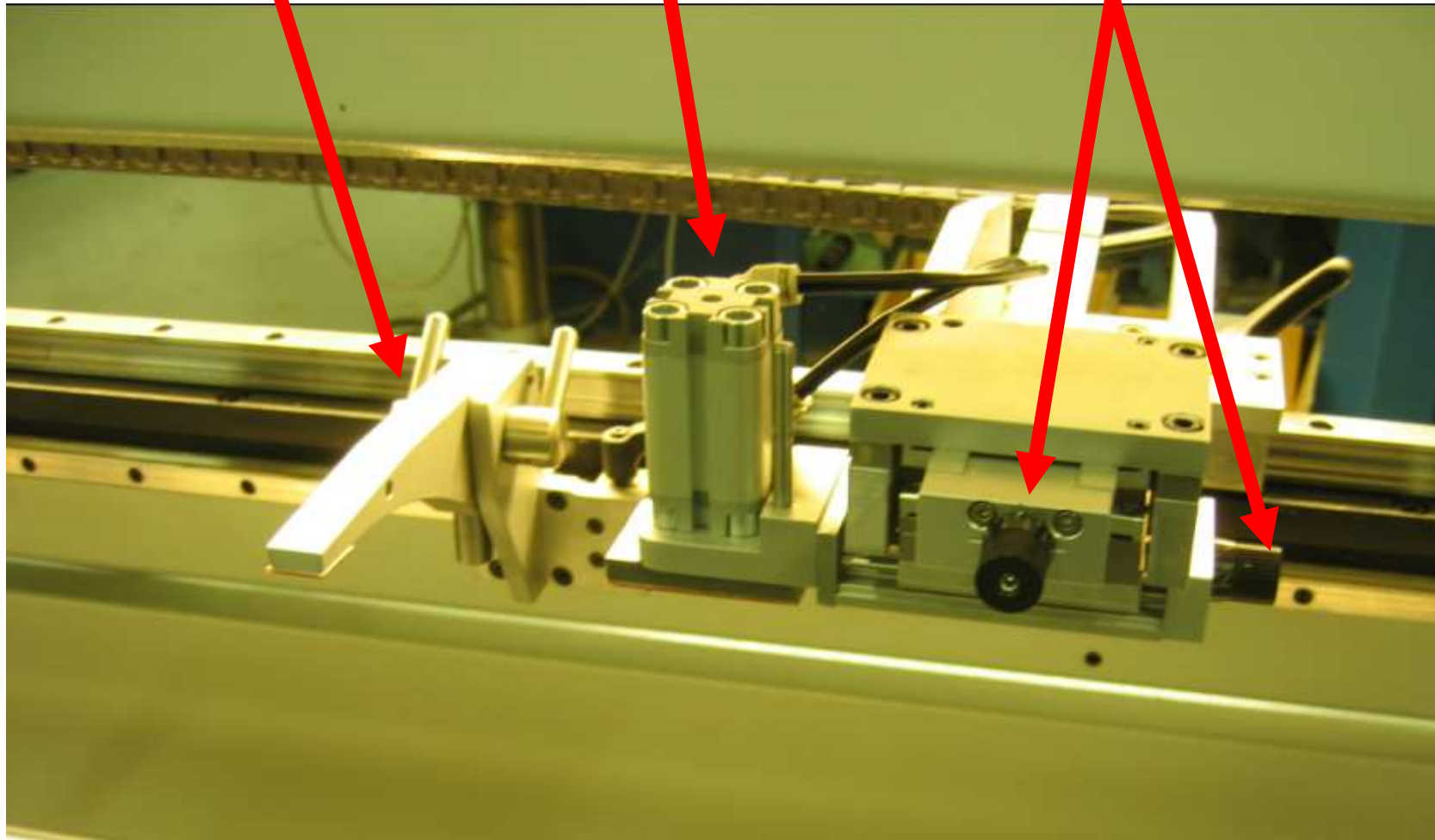


## How to fix and position a sleeve

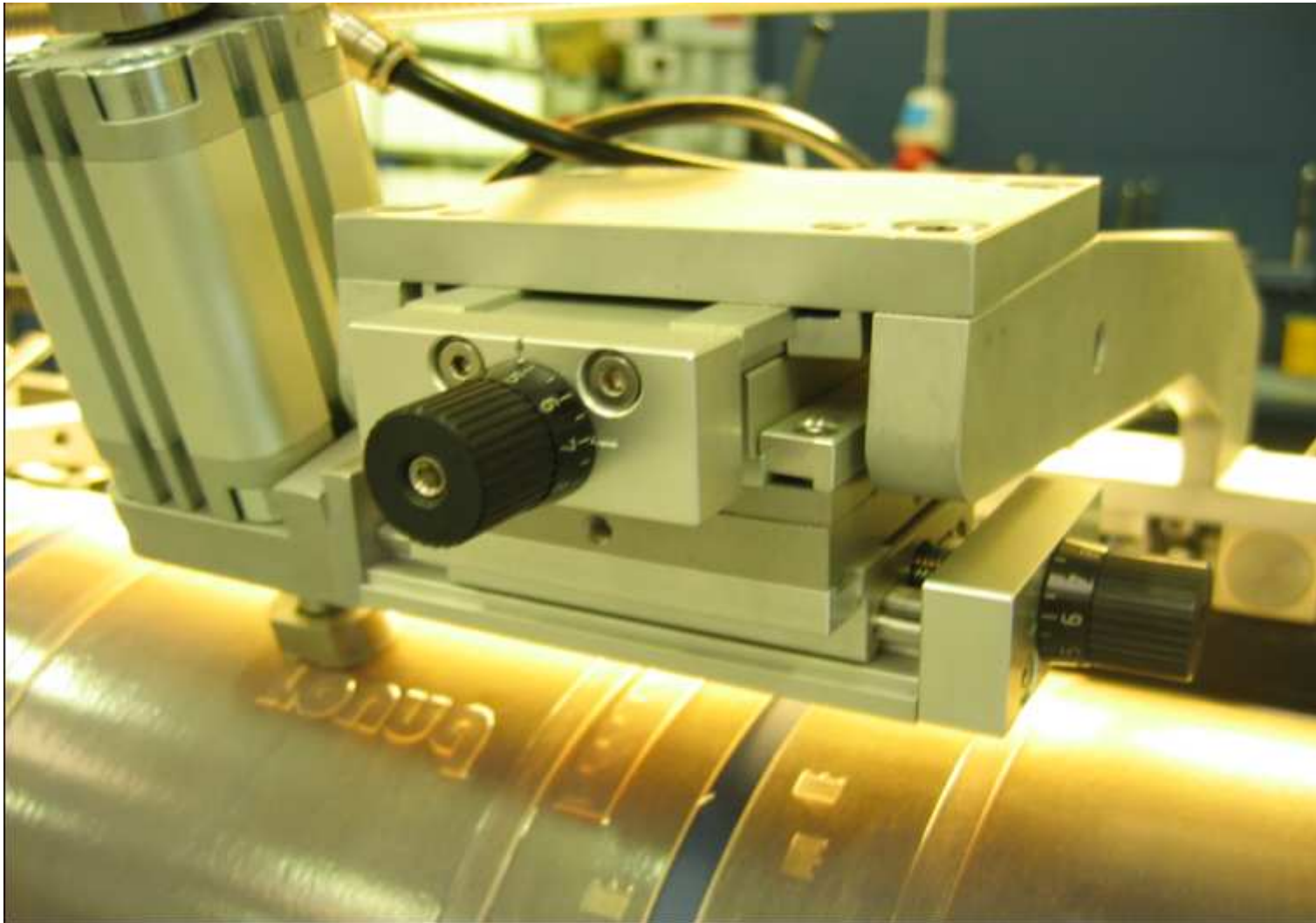
Finger to fix position

Pneumatic stamp

x/y Mikrometer correction



## X/Y correction with micrometer screw to position microdot under the camera

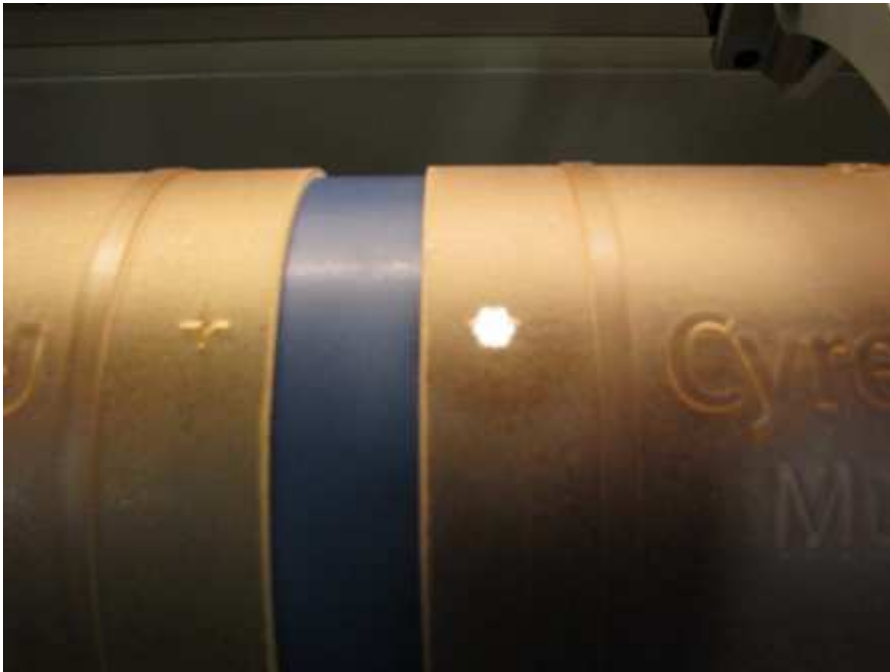




## Pneumatic stamp for sleeve positioning



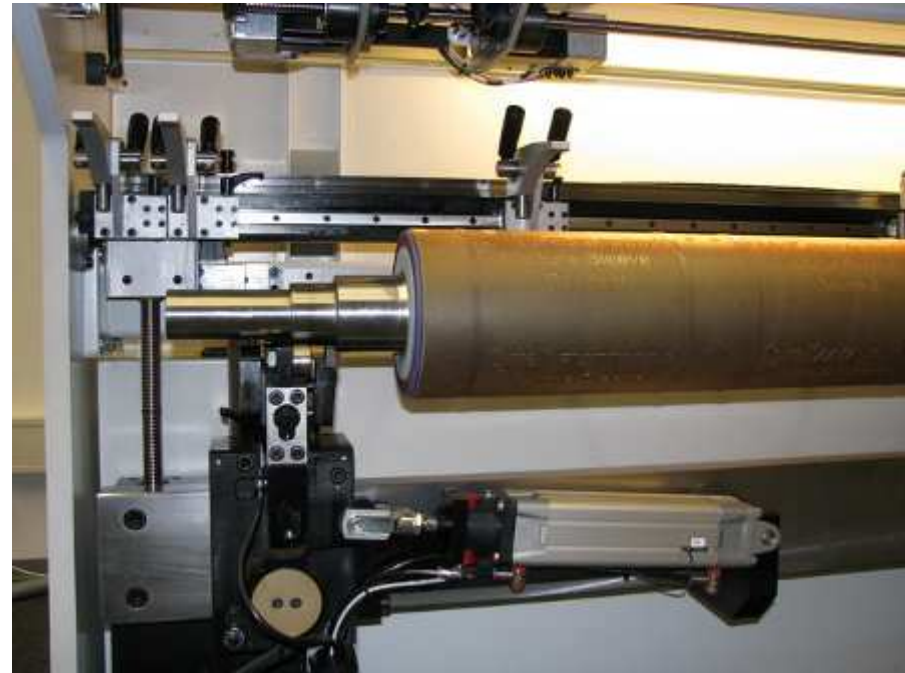
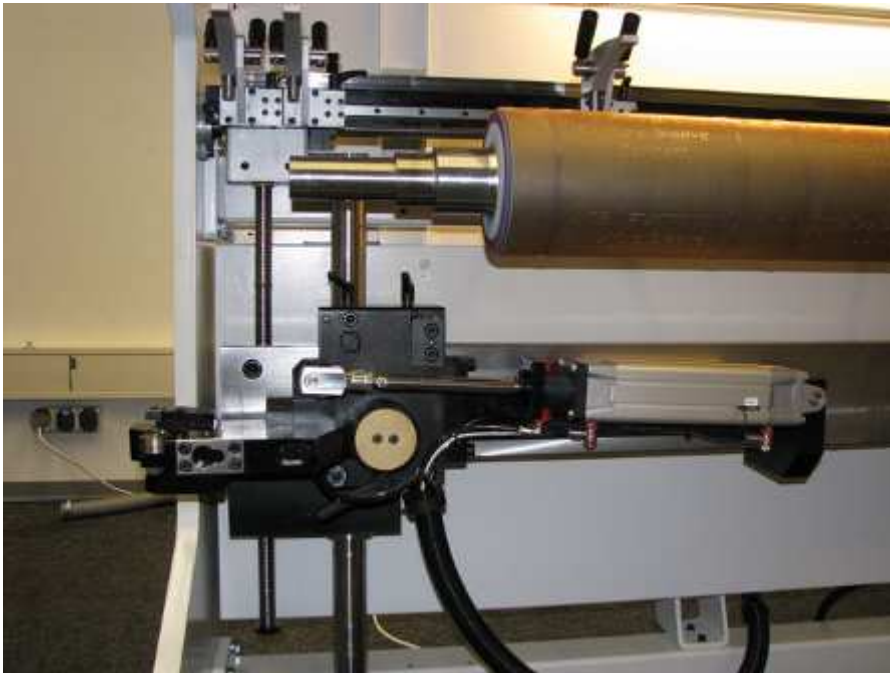
## Monitoring the positioning



## Clamp tool to fix sleeves after positioning



## Movement of left bearing block



## Removal of prepared cushion bridge



## Configuration

- **The Multiple Sleeve Mounting Device is a kind of modular equipment**
- **It will be assembled according customer requirements.**
- **The unit can be build up to a maximum cylinder width of 110 inches**
- **It can be ordered for sleeve mounting only or...**
- **with multiple functionality for plate and sleeve mounting**



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