Retrofit: Nozzle plate clamping device.

Application
The pneumatic clamping devices are used for pressing nozzle plates and shutter knives onto depositing systems. The clamping device is used in both: new machines and in retrofits of existing depositors.

Operation mode
By means of pneumatic clamping components, the nozzle plates or shutter knives are pressed against the sealing surface of the depositing systems in operating position. Pressure of clamping components are switched on and off on an operator’s panel or by a manual hand valve. After the pressure of the clamping elements have been released, the nozzle plates can be pulled off from the depositing system.

Added value
• Increased process stability due to even pressing of depositing tools against the depositing system
• Rationalization potential by reduction in changeover times with minimum manpower for product change
• Manual release of existing eccentric clamp is avoided
• User-friendly operation
• No need to horizontally shift the depositor head for this purpose
• Only possible to start depositing with locked nozzle plate, since the depositing system is protected with an electronic control

Design
The previously used guide rails with eccentric clamps are replaced by rails with integrated pneumatic components. The guide rails are screwed via existing fixing holes in the depositing system. Compressed air connection is required.
Increase in production output with shorter depositing tool changeover times.

Our services.

**Material**
- Stainless steel nozzle plate guidings
- Integrated bronze clamping elements
- Pneumatic equipment, type Festo

**Engineering**
- Ready design by Buhler Bindler engineers
- Use of proven standard components
- Preassembly in our workshop
- Electronical tunings of software and hardware to individual requirements
- Supply, installation and commissioning from a single-source by Buhler Bindler service technicians

**Instructions**
Hygiene requirements for food processing

**Performance**
- Time saving
- Improvement of productivity
- Easy operation at change of nozzle plates

**Options**
- Revision of piston systems and shutter knives
- Central lubrication on depositors
- Conversion from hydraulic drives to servo drives
- Revision of depositor drive components