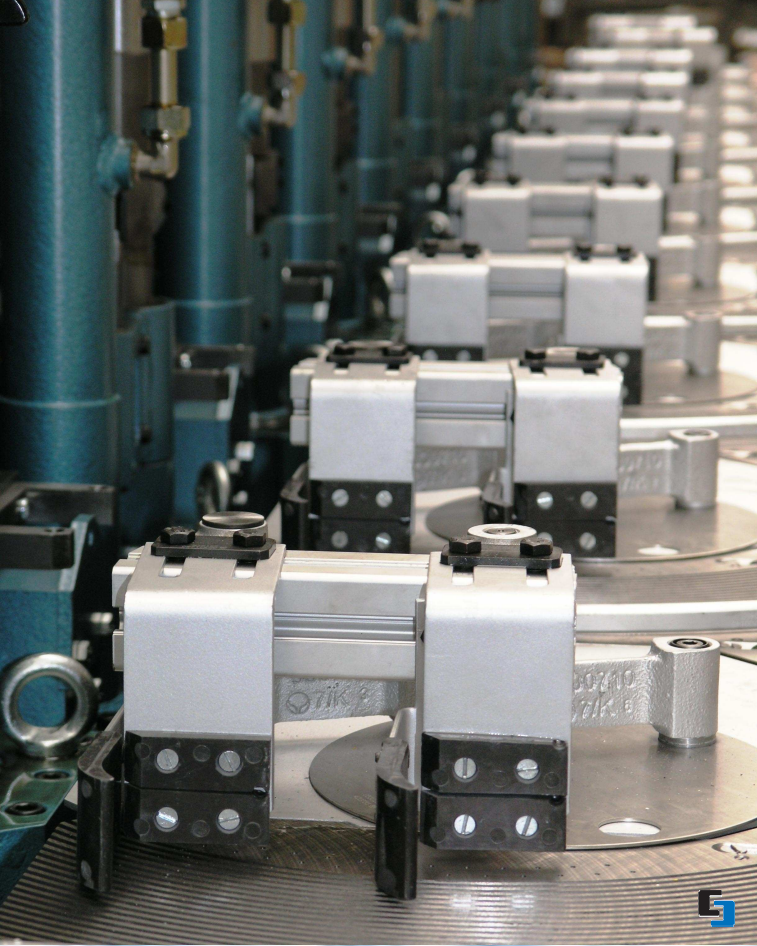


Electronic Pusher

Type EP 97-04



Patent of Sklostroj - unique design with superb functionality that allows for:

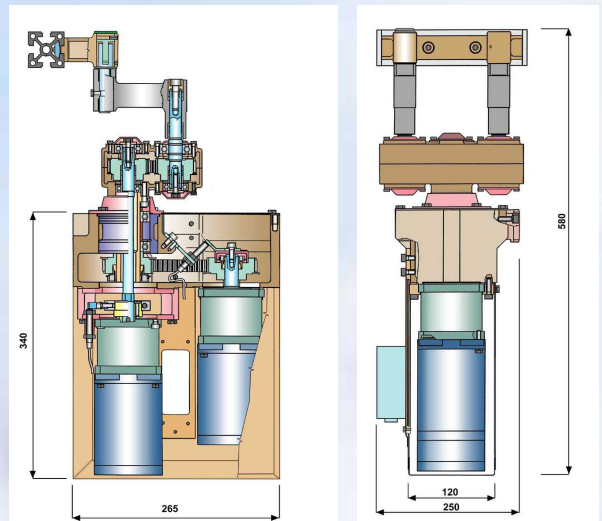
- Higher production rates even when producing unstable products, thus increasing IS machine productivity
- More precise, smooth and fully programmable transfer of products from the dead plate to IS machine conveyor that is not achievable by less sophisticated systems
- Significant time reduction for a product change

Main advantages compared with conventional electronic pushers:

- Transfer path is no longer limited to a circular movement
- Optimised conditions of a transfer for every type of containers- suitable for high production rates and less stable products
- Better product grip by using curved contact parts
- More precise positioning onto conveyor compared with standard methods
- No compressed air necessary - no valves
- Easy adjustment to any IS machine (adjustment of the EP and its jaws possible outside a machine using special adjusting stands)
- Easy to put into operation - quick change part
- Extremely safe - limited torque
- Low maintenance requirements compared to conventional electronic pushers
- No lubrication necessary
- Meets all demand of FLEX-LINE operation

Stand-alone control system SSEP-07 (Sklostroj - Siemens Electronic Pushers, developed 2007) with the user's choice of parameters, compatible with all sophisticated control systems for any IS machine. The new control system is built like our Time and Drive System SST06, based on standard parts on Siemens platform.

For further information please do not hesitate to contact us on e-mail: sales@sklostroj.cz



SSEP-07

General description:

Stand-alone control system SSEP-07 for electronic pushers EP 97, EP 97-04 with the user's choice of parameters, compatible with all sophisticated control systems for any IS machine. The new control system SSEP-07 is based on standard parts on Siemens platform.



The system provides:

- Inserting and modifying of cam profiles
- Controlling of the pusher cam-stroke up to the conveyor speed of 1,25 m/s
- Modular extension of the system (1-12 sections) or Tandem 2 x 12
- Remote intendance through internet
- Connecting to Timing systems with 24V synchronization signal

Applied HW components: Touch Panel MP277, SIMOTION D445 or D445-1, PROFIBUS IM174, power module XMIND4. Visualization HMI is executed in WinCC-Flexible.

- electronic cams - special programmes controlling the operation of both stepping motors. Every bottle type has its own transfer path with optimised shape and velocities (it is easy in the case of need to create any other special electronic cam – this service is free of charge)
- electro-installation, connecting cables
- operator's terminal (HMI)

The big advantage of SSEP-07 is that it has a fixed interface. The connection to the IS machine is done via start signals from external Timing system (16-30V).

ADVANTAGES:

- Highly insulated galvanic separation of the impute and output circuits
- Adjustment of the signals level
- High short-time overload resistance and thus protection of input cards

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