

LinMot® linear motor technology

LinMot® linear motors (linear actuators) employ a direct electromagnetic motor principle. Essentially, electromagnetic force leads directly to linear motion - without using additional mechanical items.



Bearings and position sensors are fully integrated into the motor casing. These linear motors are designed for use in a variety of industrial environments. Compact single and multi-axis controllers enable stand-alone solutions, or flexible integration into complex automation equipment via fieldbus (Profibus, DeviceNet, and ServoNet).

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LinMot® products are available from more than 40 distributors worldwide. For the distributor nearest you, visit <http://www.linmot.com>, or call 1-877-546-3270.



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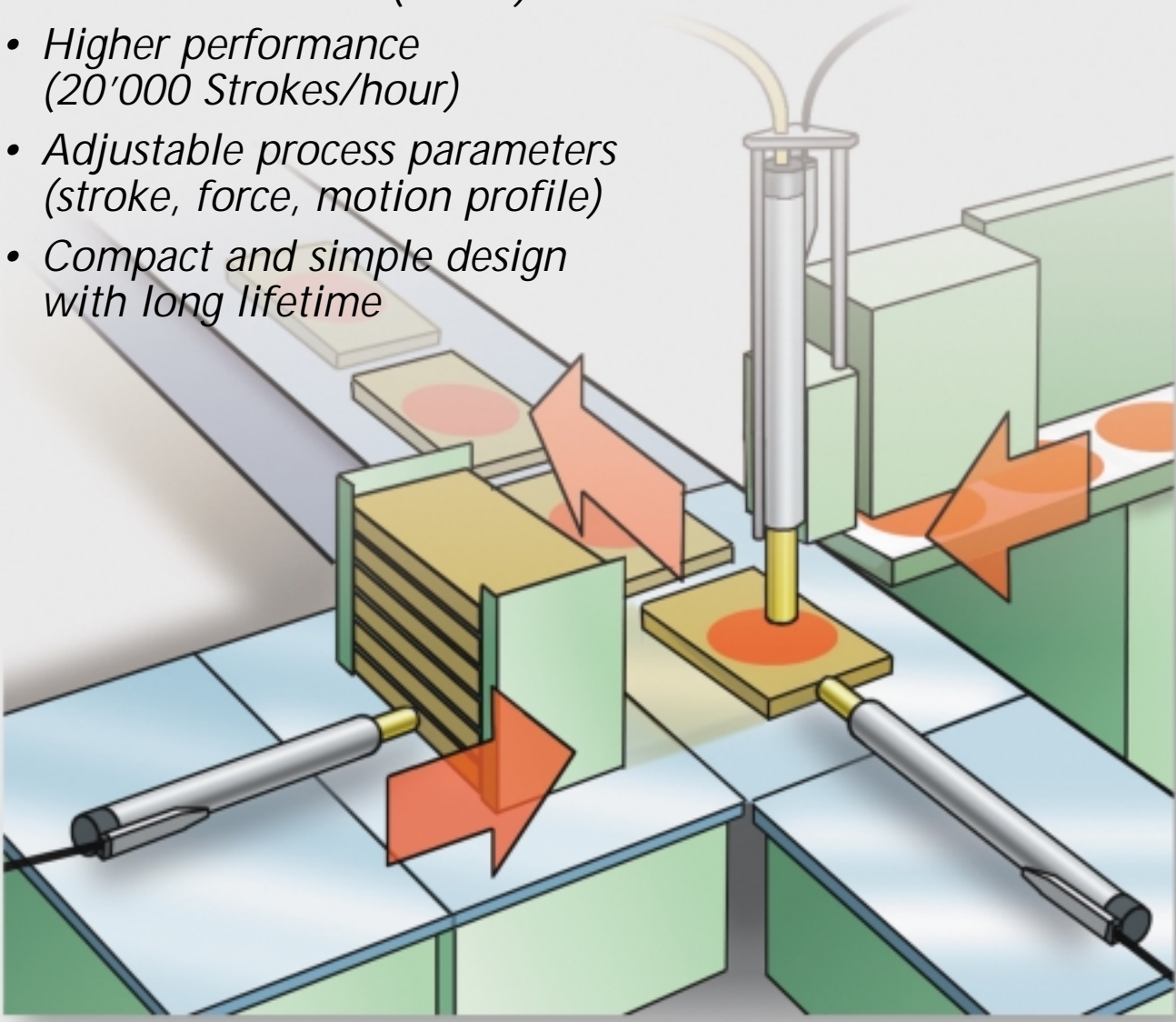
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Printing and Labeling

Electromagnetic linear motors (linear actuators) from LinMot® are ideal components for the building of printing and labeling units. LinMot® linear motors provide significant process and system-

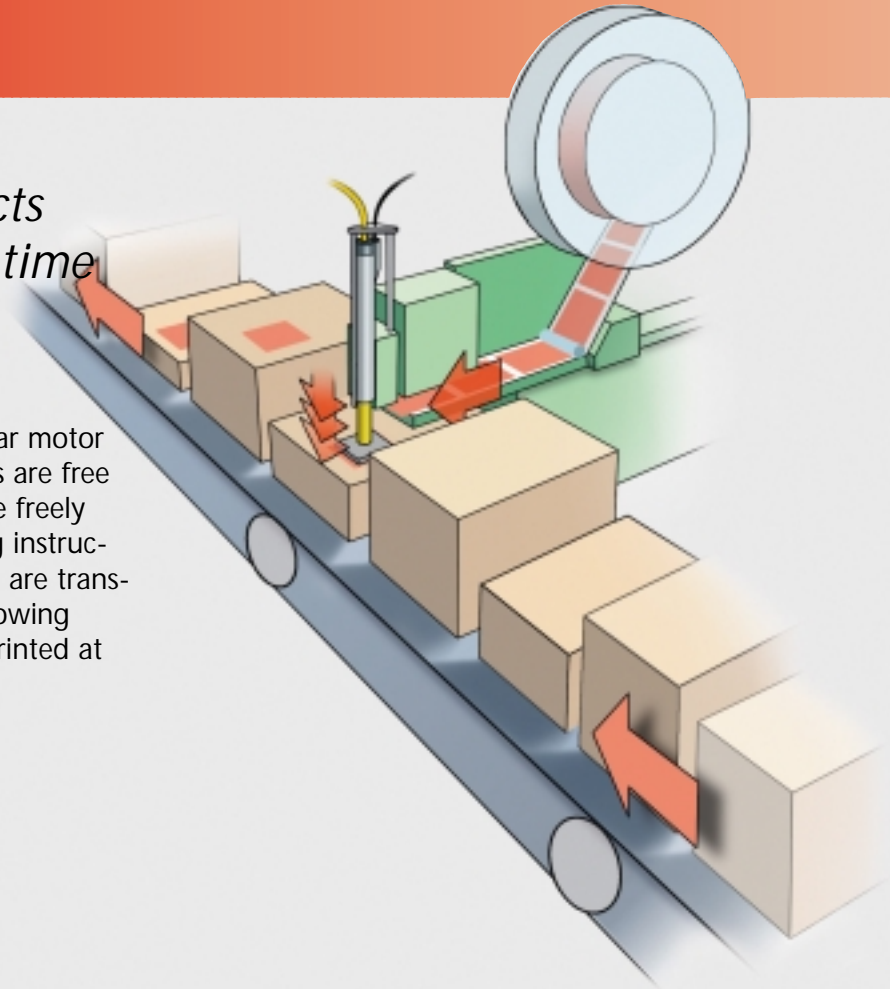
oriented integration advantages over conventional pneumatic, mechanical and spindle engine solutions:

- *Electrical solution (no air)*
- *Higher performance (20'000 Strokes/hour)*
- *Adjustable process parameters (stroke, force, motion profile)*
- *Compact and simple design with long lifetime*

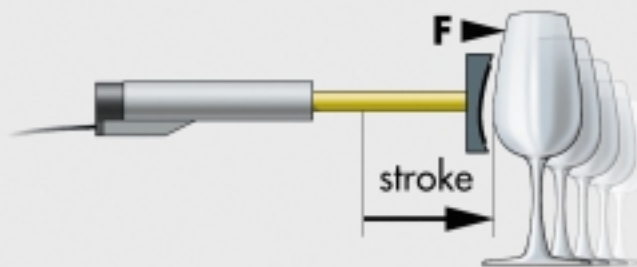


Change products without set-up time

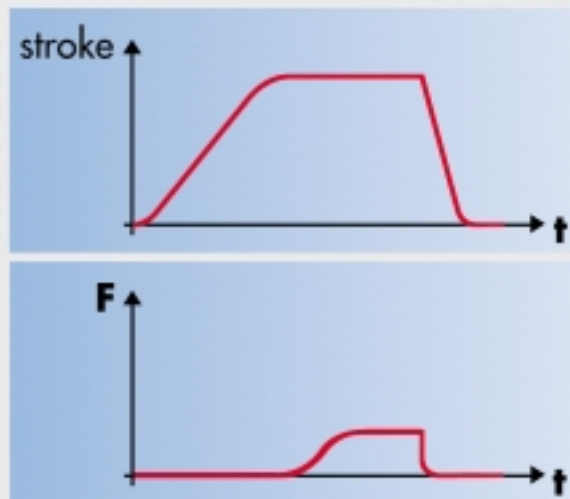
When using LinMot® linear motor systems, labeling modules are free of set-up time and provide freely adjustable stroke. Printing instructions and product heights are transmitted to the module, allowing multiple products to be printed at the same time.



Faster printing of sensitive products



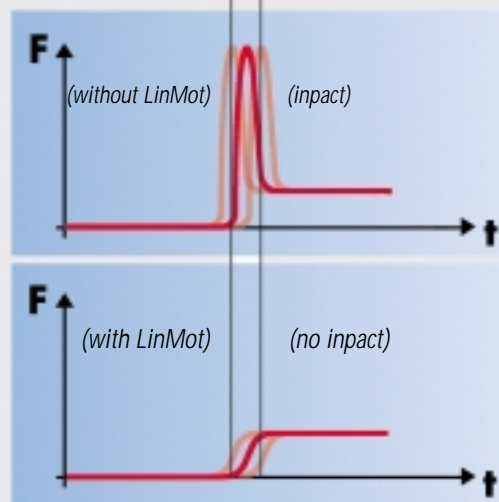
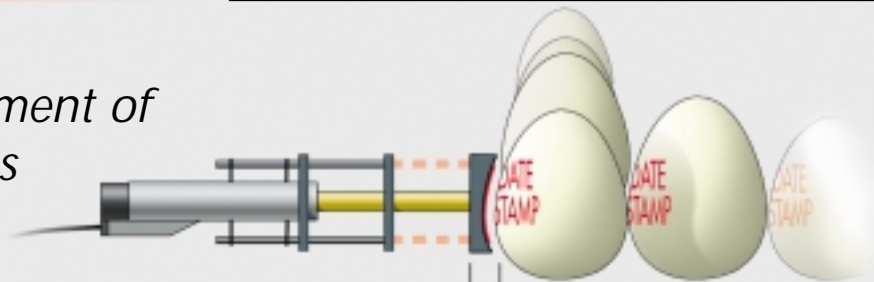
LinMot® linear motor technology offers impact-free position and force controlled printing cycles, allowing sensitive products to be printed significantly faster when compared with pneumatic solutions.



LinMot®

Automatic adjustment of product tolerances

Individual product dimensions have absolutely no influence on the printing cycle, as the force can be adjusted independent of the stroke. Printing modules designed with LinMot® linear motors offer this as standard functionality.



Complex labeling and printing processes

Freely programmable force and motion profiles result in crucial process improvements. Self-learning systems and complex quality processes are easy to realize with LinMot® drive systems, as stroke and force information are available on-line and can be sent to any PLC.

