

## 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.



**LinMot®**

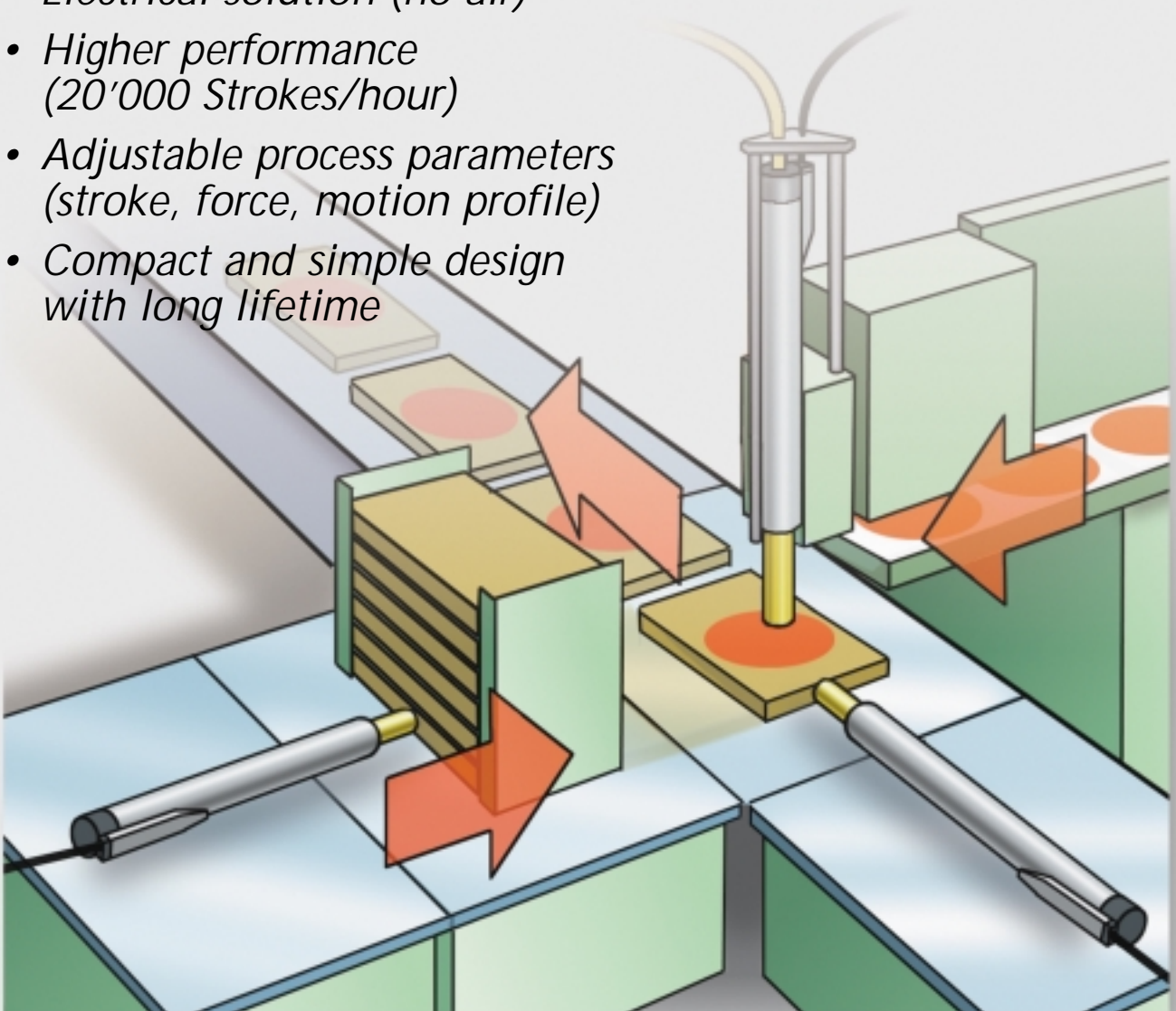
# *LinMot*®

## *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-

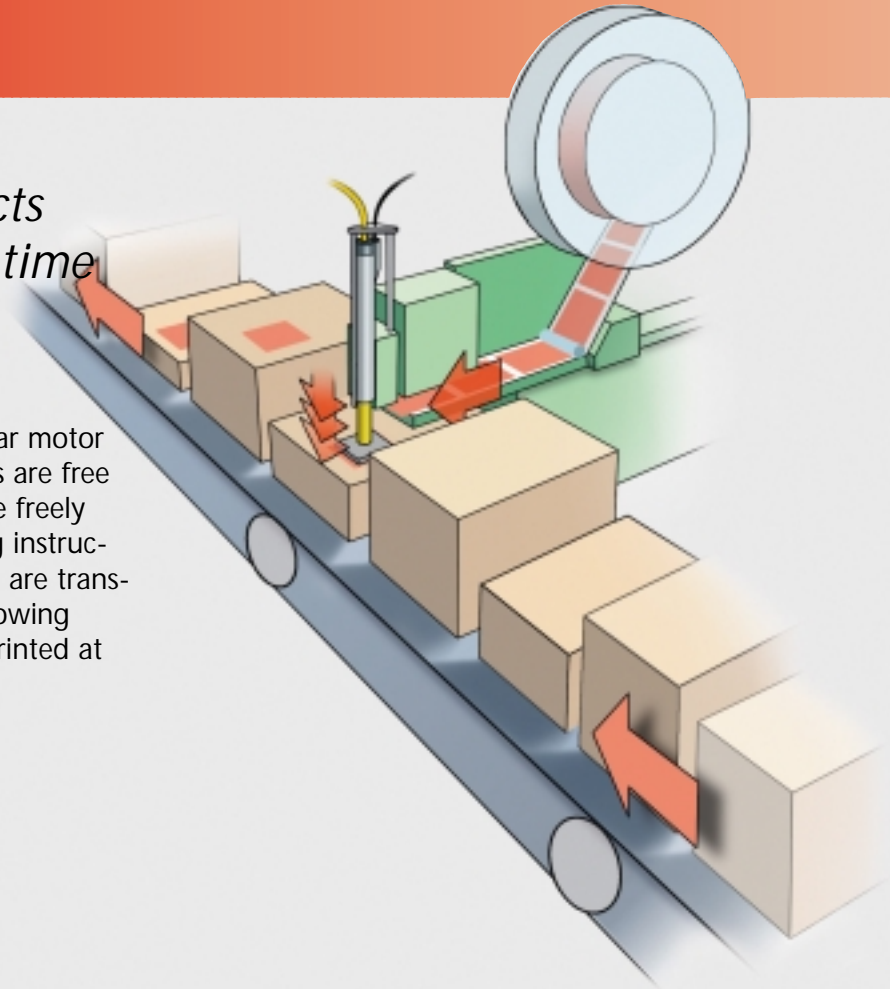
oriented integration advantages over conventional pneumatic, mechanical and spindle engine solutions:

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

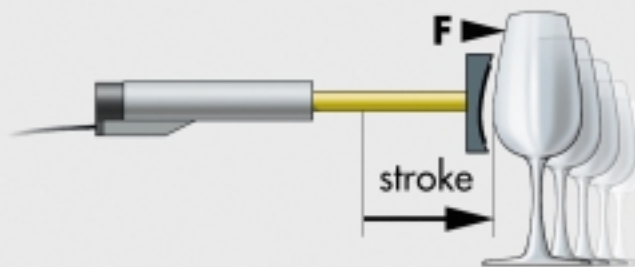


## *Change products without set-up time*

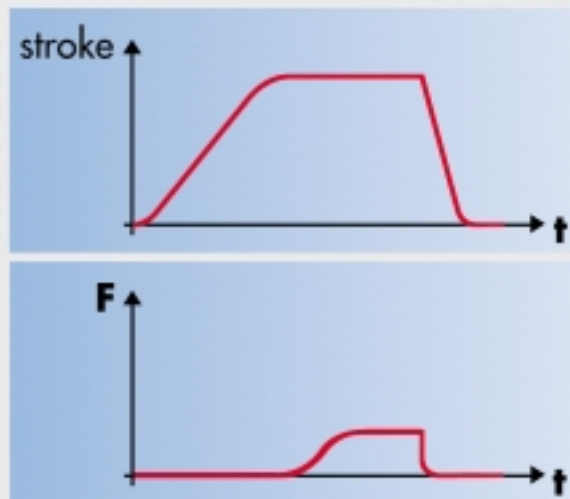
When using LinMot® linear motor systems, labeling modules are free of set-up time and provide freely adjustable stroke. Printing instructions and product heights are transmitted to the module, allowing multiple products to be printed at the same time.



## *Faster printing of sensitive products*



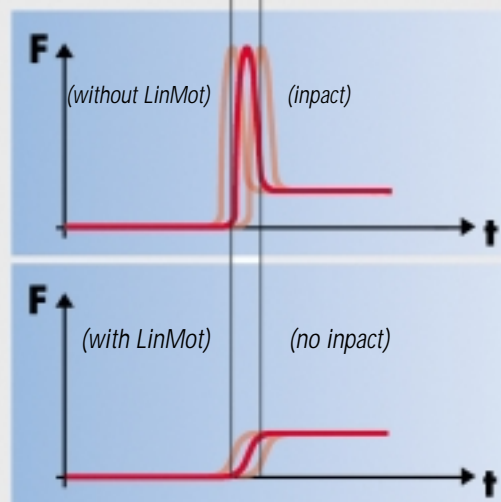
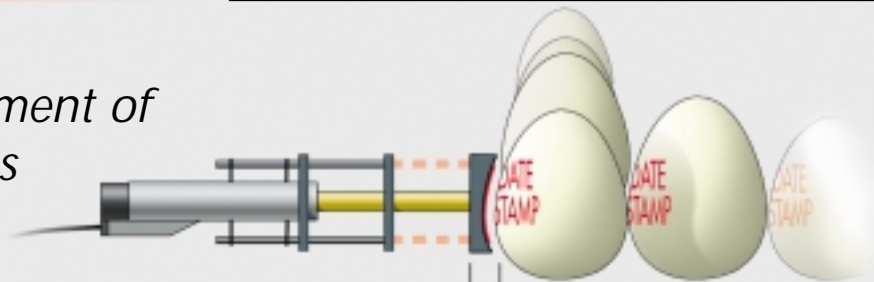
LinMot® linear motor technology offers impact-free position and force controlled printing cycles, allowing sensitive products to be printed significantly faster when compared with pneumatic solutions.



# 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.

