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09/20 Technical specifications subject to change.

## männer e-plate

Electrically Driven Hot Runner Pin Actuation Plate

**Production Locations**  
[www.maenner-group.com/production\\_locations](http://www.maenner-group.com/production_locations)

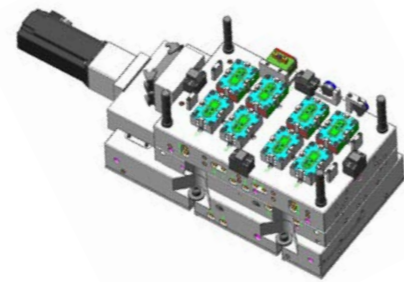
**Sales & Service**  
[www.maenner-group.com/sales-service](http://www.maenner-group.com/sales-service)





#### Areas of Use

- › For high-precision plastic parts (medical/technical parts)
- › High-cavitation molds
- › For tight cavity spacing (spacing determined by nozzle design)
- › For processing very small shot weights



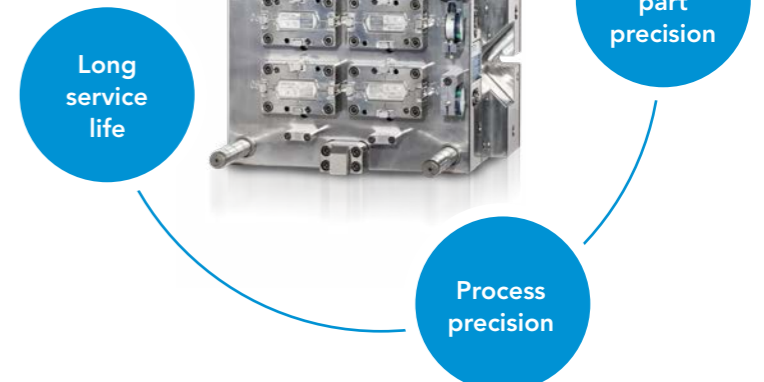
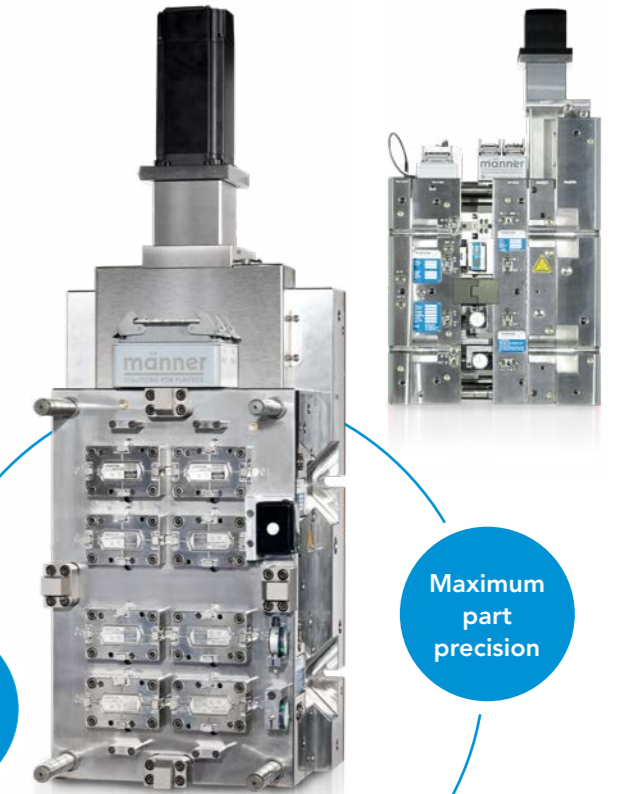
#### Technical Features

- › Direct rigid connection from drive to pin, with absolutely no play
- › Measuring system within motor. Rigid connection means 100% reliable pin monitoring
- › Driven by standard servo motor
- › Full-complement bearing precision linear guide
- › Assembly height is similar to pneumatically driven pin actuation plate
- › Suitable for all männer valve gate nozzles

## männer e-plate

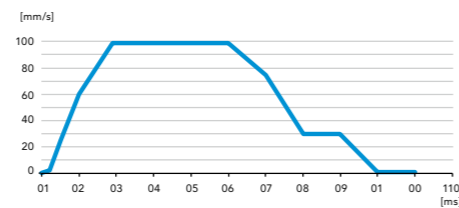
Electrically driven  
hot runner pin actuation plate

- › Synchronized movement of all pins
- › Customizable path profile
- › Clean drive medium
- › No aerosols, clean-room compatibility without restrictions
- › All-electric
- › Energy efficient
- › High-precision pin positioning with männer e-control
- › Seal-off feature: Individual pin shut-off without any additional mold disassembly time allows
  - Production to continue
  - Without any machine downtime



#### männer e-control

- › High-precision pin positioning
- › Custom configuration of process parameters such as stroke length, travel speed, and timing of opening and closing
- › Enhanced process reliability due to automatic pin position monitoring and correction
- › Removable display
- › One control box for four electrical axes (slider, index plate, turntable, etc.)



#### Customizable Path Profile

- › Pin motion can be modified to specific application requirements
- › Reduced wear on sprue during closing
- › No damage to pins and plastic parts resulting from pin retraction when the mold opens
- › Controlled positioning
- › Pin position can be adjusted in-process

