

## Transfer

Temperature-controlled cooling fan activation



## Control cabinet

Demand-based air conditioner:  
**only 55% energy consumption**



## Low noise emission

thanks to optimal sound insulation  
**-15 dBA** (TwinServo add. -6 dBA)



## Air pressure

Controlled compressor and combined pneumatics



## Illumination with LEDs

**90% less energy consumption**

## Main drive motors

with **current energy efficiency class**  
Torque motors for servo presses  
with up to **96% efficiency**



## Powertrain

with optimized mass inertia  
fewer moved masses  
less friction



## Lubrication

**15% less energy**  
through axial piston variable displacement pumps



## Hydraulics

Frequency-controlled pumps and demand-controlled heating to save  
**30% energy** during non-productive periods

