



Ultra compact models with high power density for limited space applications

With the high control quality of the backlash-free ASCA servo screw, applications with very short cycle times are possible.

So SERAC® electric cylinders are suitable for many different uses as a clean alternative to hydraulic cylinders.

With the typical slimline design of the SERAC® electric cylinders, it is possible in many cases to replace the hydraulic cylinders in existing systems.

Typical applications



Joining



Punching



Bending



Forming



Powder pressing



Dynamic adjustment



Plastic moulding

The specific SERAC® system advantages offer new options for many different applications

- Maximum power density due to small screw leads
- Screw lead selectable in 1 mm steps, so good adaptability to the application
- Direct power transmission of the ASCA servo screw without additional gears, so good variability and high dynamics
- Long life through the use of a heavy duty screw drive with many force transmission points
- No axial backlash
- ASCA servo screw subject to slip, so long life even with short strokes
- Integrated linear travel measurement system for maximum positioning accuracy under load
- Low noise through the use of the ASCA servo screw without roller resetting
- Made in Germany