

Major European Manufacturer of Pressing Lines for Automotive Industry

CUSTOMER

A large assembly line manufacturer based in Austria.

APPLICATION

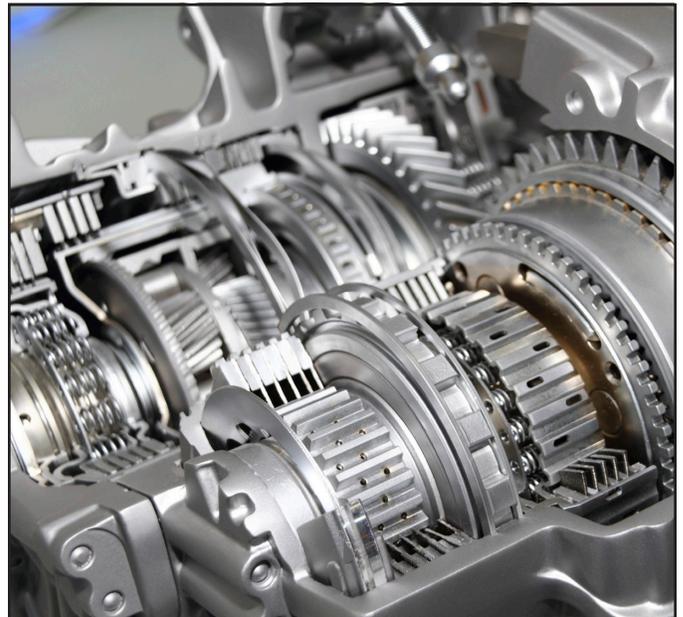
Using linear actuation to press parts (bearings) precisely into a motor or gearbox housing.

CUSTOMER CHALLENGE

The customer previously used hydraulic cylinders for the pressing process. To meet increasingly tight positioning tolerances in the pressing process the customer turned to electric actuation. The primary challenge was finding a solution that offered a compact size and the ability to integrate a force feedback load cell.

SOLUTION

The customer selected the Exlar® GSX60 integrated motor/actuator because of its compact design and the possibility to run with Siemens servo drives and motion control system. The forecast is over 30 machines per year with one actuator required per machine.



RESULTS

The Exlar actuator offers better control response than the old hydraulic system that it replaced and all the control flexibility desired by the customer. The superior performance of the Exlar GSX actuator was a key contributor that helped the automobile manufacturer achieve new government-mandated fuel economy standards.