Electro-hydraulic actuator system

In compliance with customers specifications and international standards designed systems for all requirements of control applications.

Simultaneous actuating of several, independent control valves with one hydraulic system.

- Linear actuator force up to: 3,000,000 N
- Rotary actuator force up to: 700,000 Nm

- Analogous position control with servo- valves / proportional valve
- Step control or open- close function
• Safety- control devices with tripple pressure test units according to german “Technical Standards for Steam Boilers” TRD 421, with type- test approval mark of the german TÜV

• Possible designs for failsafe position in case of electric power supply failure:
  - Blocking in the last control position
  - Moving to limit position open or close by using hydraulic
  - Accumulators or with spring force
  - Accumulators for several emergency strokes

• Double motor- pump – units with automatic change over

• Internal control, monitoring and transfer of signals to the main control room with programmable controller (PLC)

• Connection to BUS- system possible

• Text display or local control panel for indication of operating modes, signalisations and alarms on request

• Special designs for operation in potentially explosive atmospheres

• Design for mineral oil or for fire resistant hydraulic fluid, e.g. HFD-R

• Installation of the hydraulic unit and of the interconnection pipe

• Installation of interconnecting cables

• Commissioning

• Service