



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

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- 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