

Hydraulic Power Units (HPU)

customized designs for extreme conditions



PLEIGER MASCHINENBAU

Power Plant Applications

Hydraulic Actuator Systems

for power plant applications

Pleiger provides system solutions designed to match the individual needs of different actuator applications and functions. Pleiger offers a wide range of Hydraulic Power Units, linear and rotary actuators, redundant PLC based control systems and data link communication with the main control system. Complete actuator systems solutions made by Pleiger not only provide easy installation and commissioning but also highly reliable operation and safety functions.

Typical Applications:

- _Diverter dampers. Between GT outlet and HRSG inlet with HRSG emergency close function
- _Louver dampers
- _Tailor made actuator systems



20 feet insulated high cube container with Container Safety Convention (CSC) approval as enclosure for outdoor installation and simple shipping. With space heaters, additional doors with Ex-approval and trace heated seals.



Emergency quick closing function in case of electric power supply failure HPU operated with special low temperature hydraulic fluid: AeroShell Fluid 41, intended as a hydraulic fluid in aircraft applications, for low temperatures down to -55°C.

EFFICIENT, RELIABLE AND SAFE



Customized Applications

Carmon Creek Project in Canada

Ambient temperature range from -50°C to +40°C. Ex-specification according to Canadian Standards Association (CSA) and Canadian Underwriters Laboratories (CUL).



Remote control via HART-Transmitter with Ex-approval and local display. Triple instruments for oil pressure, oil level, oil temperature and air temperature. Transmitter cable and cable glands according to CSA EX-Specifications.



Lighting inside the container including switches, cable and cable glands according to CSA EX-Specifications.



Local electric control cabinets inside the container with EXP-specification according to CSA.



Innovation and Experience

For more than 90 years now, PLEIGER has been renowned as a reliable partner for hydraulic systems and hydraulic actuators. Our image is dominated by „customised“ solutions perfectly suited to the needs of our clients. Innovation and experience combined with down-to-earth and long-term character are the hallmarks of our family-owned company. The development and training centre, as well as production in Germany offer wide-ranging perspectives. As part of the Pleiger business group, with over 650 staff members worldwide, PLEIGER Maschinenbau stands for stability and sustainable growth.



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