



wasserkraft

HYDRAULIC STEEL STRUCTURES

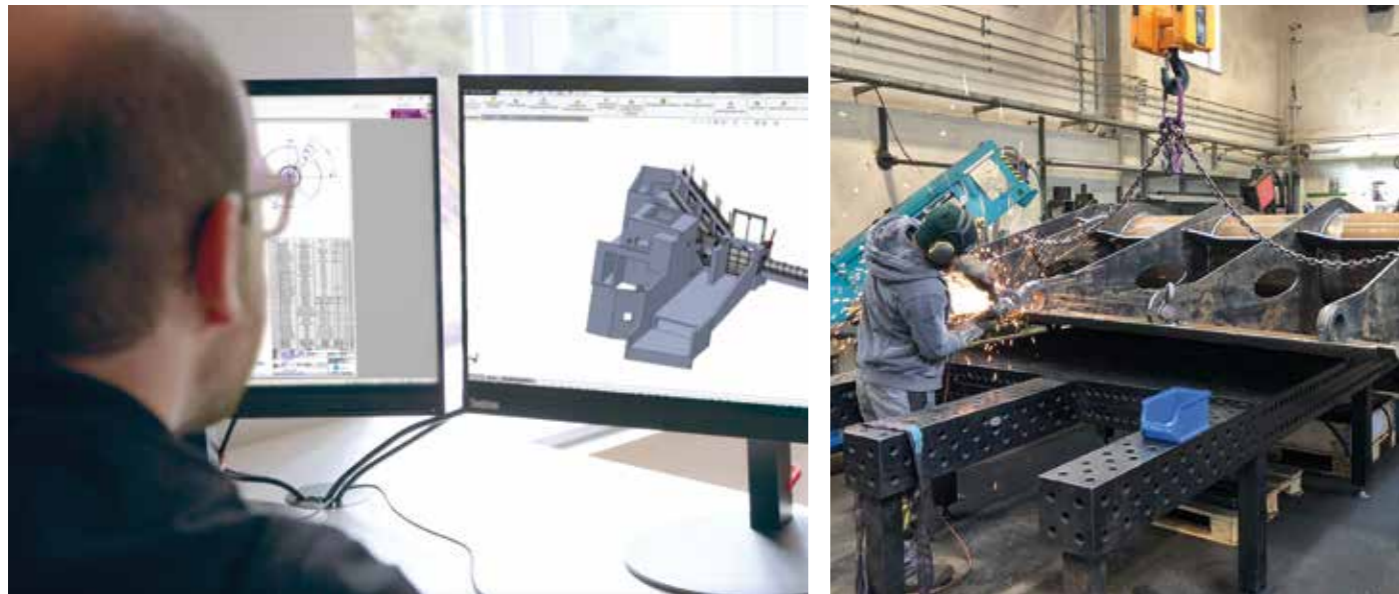
POWERFUL & RELIABLE



TO PROTECT YOUR TURBINES HYDRAULIC STEEL STRUCTURES

- Hydraulic steel structures and hydropower turbines are two important components that must be coordinated to ensure smooth operation of your project.

Through years of experience, hydraulic steel structures components from WWS Wasserkraft guarantee fail-safe operation even under the toughest conditions. Robust design, ease of operation and long service life combined with low maintenance requirements are characteristics that our customers worldwide appreciate.



PLAN, PRODUCE, DELIVER & INSTALL

- For already existing power plants, we offer the replacement of individual elements as well as individually customized maintenance packages. Customer-specific special production increases efficiency and environmental compatibility of your system is significantly improved.



EFFICIENCY INCREASE THROUGH FINE TRASH RAKE & TRASH RAKE CLEANING MACHINES

- Coarse rakes, fine trash rakes and trash rake cleaning systems are used to keep branches and other floating material away from the turbine.

- Fine trash rake field with flow-optimized profile to reduce losses
- Vertical trash rake cleaning machine with flushing channel and flushing pump
- Horizontal trash rake cleaning machine for easy transport of flotsam to the tailwater. This guarantees the preservation of the ecological balance.



HOT-DIP GALVANIZED SLUICE GATES

- Sliding or roller gates with electromechanical or hydraulic actuators
- Sluice gates and roller gates to control the flow of water
- Flushing gates for efficient removal of deposited sediments and flotsam
- Fish ladders and descents with suitable sluice gates and partition wall elements

ROBUST FLAP GATES

- An important component for regulating the water level for a wide range of applications, such as impoundment in front of power plants and flood discharge.
- Including emergency floating switch which ensures that the flap is also opening in case of power failure and high water.

CUSTOMIZED HYDRAULIC

- Our energy-saving hydraulic systems are manufactured using specially developed hydraulic blocks. The in-house hydraulics department customizes tank size, pump capacity and other key components to ensure the best possible use of the hydraulic power units.



YOUR BENEFITS

- Specific project requirements demand individual solutions, which are worked out by our design engineers and implemented according to the latest state of the art.

- INDIVIDUAL SOLUTIONS
- LOCAL ANALYSIS AND CONSULTING
- ROBUST CONSTRUCTION
- EASE OF USE
- DURABILITY



„ALL FROM A SINGLE SOURCE“



wasserkraft

HIGH QUALITY TURBINES

MADE IN AUSTRIA

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