

Liquid Energy – Solid Engineering



Our company

As a family business with a long tradition, GUGLER Water Turbines GmbH has been involved in the development, design and manufacturing of water turbines and construction of small hydropower plants with commitment and dedication for three generations.

With the expertise of about 100 years of continuous research and intensive development, we create global value together with renowned partners through technological advantages and stable reliability today more than ever.



Our mission

We strive to make a significant contribution to achieving an economic utilisation of hydropower plants worldwide in terms of green energy through optimally adapted plant technology in accordance with ecology.



Our vision

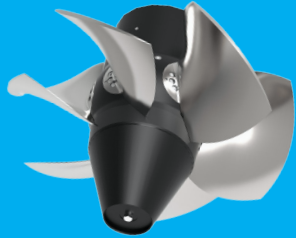
Our vision is to rank among the technologically leading suppliers of economically efficient and long-lasting hydropower technologies capable of generating hydroelectricity at a profit and an adequate return for our shareholders, today and in the future.

Our products

water turbines

Pelton turbines

Pelton turbines are used for medium to higher heads in the range of 50 m to 800 m and for smaller flows.



Kaplan turbines

The Kaplan turbine is the classic for head ranges from 1 m to 40 m, in which large amounts of water are moved.

Francis turbines

As the most common type of turbine for hydropower plants, the Francis turbine is used for medium head ranges from 15 m to 300 m and medium flows.



Our services

Hydraulic steel structures

In the production of relevant auxiliary equipment such as trash racks, trash rack cleaning machines, gates and flaps, we put great emphasis on quality for longevity and usability, from selecting the raw materials to workmanship.

Turnkey plants

When implementing turnkey systems and electromechanical equipment for small hydropower plants, we put high value on thorough conceptual design, dimensioning, production, assembly and control as well as on power supply and maintenance.

Our strengths

Service & flexibility

From the planning and consulting based on special requirements and thorough assembly as well as commissioning to extensive support throughout the entire service life, GUGLER stands for customer-oriented service and first-rate products. *Water to wire – from one source.*

New construction & modernisation

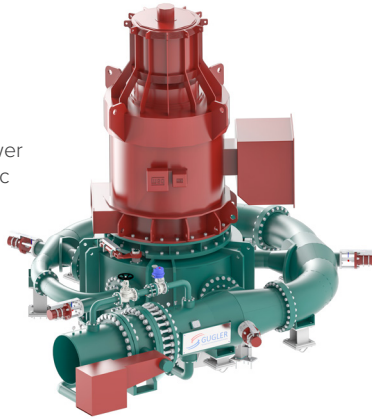
In addition to the construction of new systems, GUGLER also offers custom-made solutions for the retrofitting and modernisation of existing hydropower plants.

Research & development

GUGLER is continuously growing its know-how by gaining insights from the operation of its own small-scale hydropower plants, cooperation with renowned institutes and test labs.

Control systems

As one of the most important components of a modern hydropower plant, a high-performance, automatic control system ensures smooth operation, minimal downtime and maximum efficiency.



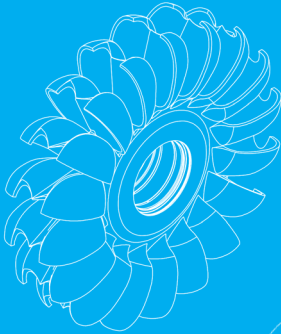
GUGLER Water Turbines worldwide

European quality for international success: Based on the experience gained from more than 1,000 successfully installed projects, we are proud to be among the technologically leading suppliers of water turbines with an output ranging from 5kW to 20MW.

The productive cooperation with well-established national and international specialists in the fields of manufacturing, transmissions, generators, low and medium voltage switchgear as well as transformers creates synergy effects, substantial cost advantages and constant quality improvements for our clients through tactical outsourcing.



selected references



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