

HYDROTU

www.hydrotu.com



Hydropower to the world
30+ years of expertise
50+ site installations

HYDROTU

www.hydrotu.com



SYSTEM INTEGRATION



BEING BLUE
GOING GREEN



Hydro Turbines [200 kW-20 MW]

TYPES: PELTON | KAPLAN | FRANCIS | TURGO | BULB | S TYPE



AC Power Generators

SYSTEM-INTEGRATED ENGINEERING AS PER YOUR NEEDS



Control Panels & Cabinets

SYSTEM-INTEGRATED ENGINEERING AS PER YOUR NEEDS



HYDROTU



OUR OFFERING

We at Hangzhou HYDROTU Engineering Co. Ltd. Are YOUR reliable **"ONE-STOP-SHOP"** in the hydroelectricity segment.

Mr. Tu, President of HYDROTU, not only holds a Master Degree in Hydropower Technology from the very well-known Tsinghua University majoring in fluid mechanics., he provides 30+ years of experience in hydropower installations globally.

We provide high quality Chinese hydropower equipment with advanced technologies and integrated services to meet the global hydropower markets. Therefore, we have an established network of experiences factories with excellent craftsmanship.

Our engineering, project and sourcing team knows the market in China well, and more important the factories know us.



Mr. Tu MingQi

"Hydropower brings you a prosperous future with clean, reliable, renewable energy. It is my passion - every project delivered successfully is most important for our client as it is for myself."



president@hydrotu.com



HYDROTU



LOCATION

Hangzhou is the capital of the Zhejiang Province, second largest central city in the **Yangtze River Delta** / south-west of Shanghai. 37 of the world Fortune 500 companies have settled in Hangzhou.

Our head office, Hangzhou HYDROTU Engineering Co. Ltd., is located next to the city center at the Zhejiang University NATIONAL SCIENCE PARK, 525 Xixi Road, West A – 413.

You can reach us by flight via the [Hangzhou Xiaoshan International Airport](#) (code: HGH) in less than 45 min or via transfer from Shanghai Pudong Airport within 2 h drive. If you take the train to Hangzhou train station, it will take you 20 min of transfer time.





HYDROTU



OUR TEAM



OUR TEAM is important to us and the success of our projects. We value our employees and assure work ethics and standards are kept to enjoy the work and deliver best possible results.



2026



Hangzhou CN

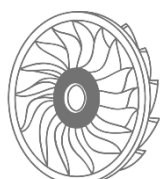


HYDROTU TURBINE TYPES

Depending on your site-conditions, we are enabled to recommend a turbine type most suitable for your project. Our 30+ years of experience and delivering successfully, makes us the suitable partner for the supply. We know the factory market in China and will select those most matching your needs for turbines and accessories.



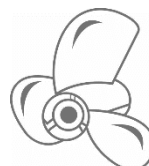
1 PELTON



2 TURGO



3 FRANCIS



4 KAPLAN





HYDROTU ON-SITE REVIEWS

For complex greenfield locations, we are happy to provide our quotation for consultancy service in terms of feasibility and design.

We are well aware, that there is no “off-the-shelf-solution” for any river flow project. Conditions are as unique as a fingerprint and only proper planning provides best possible efficiency.

Untap 30+ years of project expertise in design and installation.





HYDROTU



POWER RANGE

Our engineering focus and offering is starting at a power range of **200 kW up to 20 MW hydro power** (beyond on request).

As per experience, there is no project “copy-paste”, and we can give best possible advice on the total power generation targets.



Turbine Power Solutions

200 kW – 20 MW

Small and medium size hydropower





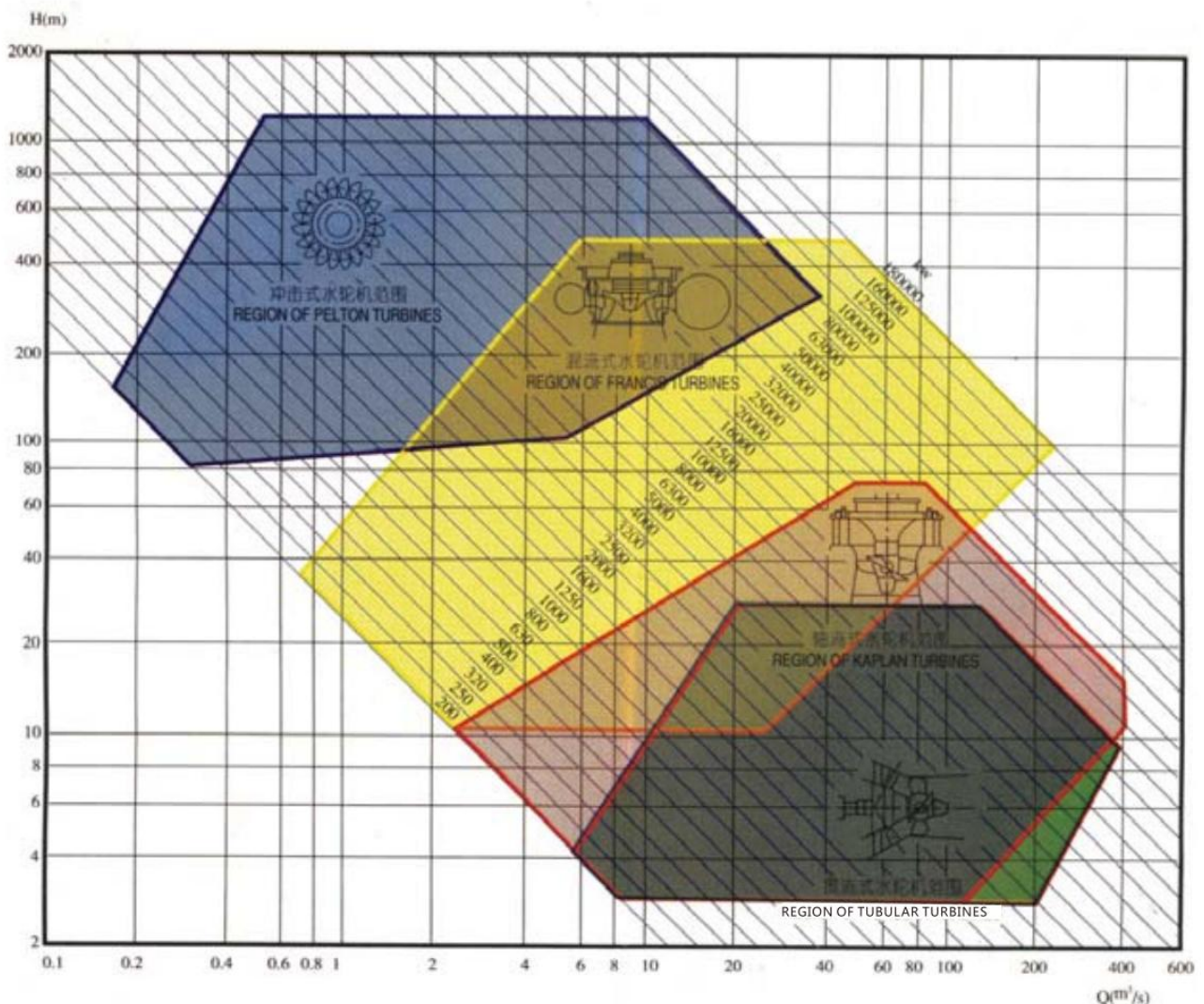
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APPLICATION

Every turbine type has a defined range of working conditions in optimum. This is also the reason, that there is no such thing, as a standardized turbine installation. Depending on the environment and parameters given, the best turbine type its way of installation and application will need to be selected wisely. HYDROTU is the expertise to discuss & select with you.

Application Diagram for Hydro Turbines





HYDROTU



QUALITY

We deliver as per your demands, and the better you share your project objectives, the better we are enabled to deliver as per your customer expectation. Technically and commercially, we will assure the best possible match to your needs.





HYDROTU



QUALITY

Quality Management Disciplines (Quality Planning & Checking)

- Metallurgical Analysis (Spectrometer, Certificate Check)
- Mechanical Property Test (TY&E)
- Welder Testing (Certificates)
- Non-Destructive Testing Inspector Certificate Checks
- Non-Destructive Testing Methods (Eddy Current, Ultrasonic)
- Heat Treatment Inspection (Protocol Observation)
- Sand Blasting Results Check (Visual Inspection)
- Paint Thickness Measurement (Ultrasonic)
- Runner Static Balancing Check
- Rotor insulation & excitation system high-voltage stand test
- **FINAL BALANCING** of Rotating Masses (Measurement)





HYDROTU



CERTIFICATES

SGS

SGS Reference No: EZ/2007/A0008C-03

Page 1 of 1

VERIFICATION OF COMPLIANCE

Verification Report No.

Representative Model

Series Model(s)

Product Name

Applicant

Address of Applicant

TCF Number

Date of Issue

Applicable Standards

EZ/2007/A0008C-03

SF100KW-100MW

SF100KW-100MW Series

Hydro Turbine Generator Units (Hydro turbine, Generator, Excitation system, Governor, Inlet valve, Auxiliary system, Control system)

Hangzhou Hydrotu Engineering Co.,Ltd.

West A -413,Zhejiang University National Science Park, No.525 Xixi Road, Hangzhou, China,310013

ZJWG090924

January 02, 2010

EN 60204-1:2006

Conclusion

Based upon a review of the worksheets and the Technical Construction File, the apparatus is deemed to meet the requirements of the above standards and hence fulfill the requirements of.

Low Voltage Directive 2006/95/EC

Note : This verification is only valid for the equipment and configuration described and in conjunction with the technical data detailed above.

The CE mark as shown below can be used, under the responsibility of the manufacture, after completion an EC Declaration of Conformity and compliances with all relevant EC Directives.

Authorized Signatory:

Jason Lin

SGS TAIWAN LTD.

Jason Lin

Technical Manager

CE

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested. This test report cannot be reproduced, except in full, without prior written permission of the Company. 除非另有註明，此報告結果僅針對測試之樣品負責。未經本公司書面許可，不得部分或全部複製。

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TESTIMONIES



CUSTOMER SATISFACTION - THE FOUNDATION OF OUR BUSINESS





HYDROTU TESTIMONIES

Sirikcioglu Enerji / User's Certificate

Dec.10th, 2009

USER'S CERTIFICATE

We certificate that our hydropower project KOZAK HES 2x2200KW supplied by Hangzhou Hydrotu Engineering Co.Ltd. had been put into operation since December, 2009. All the running process has proved that all the performance of turbine generator unit meets the requirement of the design. The water turbine has high efficiency, steady running operation, advanced structure design, and excellent manufacture. During the period of installation, training and testing of our Turbine Generator units, Hangzhou Hydrotu Engineering. had provided us professional service, and we are deeply grateful for your work.

Supplier: Hangzhou Hydrotu Engineering Co.Ltd..

Turbine (DJP502-LH-130)
Generator (SF2200-12/2150)
Governor (YWT-1800)



Sirikcioglu Enerji

Mr. Atif Sirikci
President



HYDROTU



TESTIMONIES

SER-ER ENERJI. / User's Certificate

Aug.20th, 2010

USER'S CERTIFICATE

We certificate that our hydropower project KOZAN HES 2x1985KW supplied by Hangzhou Hydrotu Engineering Co.Ltd. had been put into operation since August, 2010. All the running process has proved that all the performance of turbine generator unit meets the requirement of the design. The water turbine has high efficiency, steady running operation, advanced structure design, and excellent manufacture. During the period of installation, training and testing of our Turbine Generator units, Hangzhou Hydrotu Engineering. had provided us professional service, and we are deeply grateful for your work.

Supplier: Hangzhou Hydrotu Engineering Co.Ltd.

Turbine (HLB01-WJ-76)

Generator (SFWE2000-8/1430)

Governor (GYT-1000)



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Mr. IBRAHIM KONDEL

President



HYDROTU TESTIMONIES

ECO ENERGO GROUP DOO / User's Certificate

Apr.10th, 2010

USER'S CERTIFICATE

We certify that our hydropower project Tegosnica 410KW+250KW supplied by Hangzhou Hydrotu Engineering Co.Ltd. had been put into operation since Apr 10, 2010. All the running process has proved that all the performance of turbine generator unit meets the requirement of the design. The water turbine has high efficiency, steady running operation, advanced structure design, and excellent manufacture. During the period of installation, training and testing of our Turbine Generator units, Hangzhou Hydrotu Engineering. had provided us professional service, and we are deeply grateful for your work.

Supplier: Hangzhou Hydrotu Engineering Co.Ltd.

Turbine (ZD406-LJ-74)
Generator (SF410-8/850, SF250-8/850)
Governor (GYT-300)



ECO ENERGO GROUP DOO

Mr. P.Aleksic

President



HYDROTU



TESTIMONIES

Yesil Enerji A.S. / User's Certificate

Dec.10th, 2008

USER'S CERTIFICATE

We certificate that our hydropower project Tayfun Hes 2x475KW supplied by Zhejiang Wanhig Tech. had been put into operation since March, 2008. All the running process has proved that all the performance of turbine generator unit meets the requirement of the design. The water turbine has high efficiency, steady running operation, advanced structure design, and excellent manufacture. During the period of installation, training and testing of our Turbine Generator units, Zhejiang Wanhig Tech. had provided us professional service, and we are deeply grateful for your work.

Supplier: Zhejiang Wanhig Technology Development Co. Ltd.
(Hangzhou Hydrotu Engineering Co.Ltd.)

Turbine (HLA575C-WJ-52)

Generator (SFWE-W475-6/850)

Governor (GYWT-300)



YESIL ENERJI A.S.

Mr. Erdal Kucukavruk

President



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TESTIMONIES

GOK ENERJİ ELEKTRİK. / User's Certificate

Jul.20th, 2010

USER'S CERTIFICATE

We certify that our hydropower project GOK HES 3x3500KW supplied by Hangzhou Hydrotu Engineering Co.Ltd. had been put into operation since July, 2010. All the running process has proved that all the performance of turbine generator unit meets the requirement of the design. The water turbine has high efficiency, steady running operation, advanced structure design, and excellent manufacture. During the period of installation, training and testing of our Turbine Generator units, Hangzhou Hydrotu Engineering. had provided us professional service, and we are deeply grateful for your work.

Supplier: Hangzhou Hydrotu Engineering Co.Ltd.
Turbine (ZDS09-HL-160)
Generator (SF3500-14/2600)
Governor (GYF-3000)



GOK ENERJİ ELEKTRİK. / User's Certificate



GOK ENERJİ ELEKTRİK SAN.VE TIC.A.Ş.

Mr. Halil GOK
President

Halil Gök
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Tic. Sic. No: 264600 / Mersin / Türkiye
Tic. Sic. No: 264600 / Mersin / Türkiye





HYDROTU ON-SITE SERVICE

We do not just ship our equipment on a professional and aligned way; we also provide on-site service to support your installation process.

A team of skilled technicians will assist you for a defined period of time. We will therefor make sure, that the equipment is installed and working properly as planned. In order to make the support service as efficient as possible, all a close cooperation with our clients is key for success.



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REFERENCES





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REFERENCES

PLEASE REVIEW THE HYDROTU REFERENCE-CATALOGUE



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REFERENCES



Control Panels & Cabinets

SYSTEM-INTEGRATED ENGINEERING

HYDROTU is committed to support international customer projects for more than 30 years.



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REFERENCES



AC Power Generators

SYSTEM-INTEGRATED ENGINEERING

We adopt to your needs and are your bridge into the Chinese technology offering.

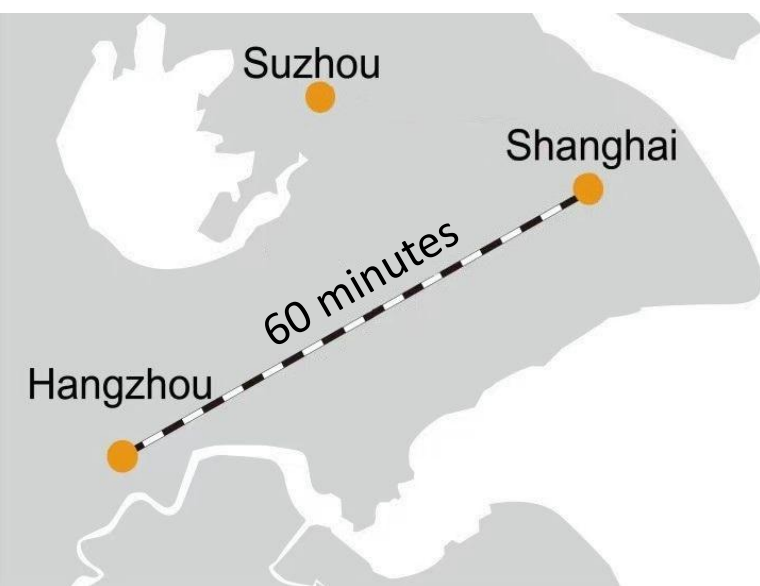
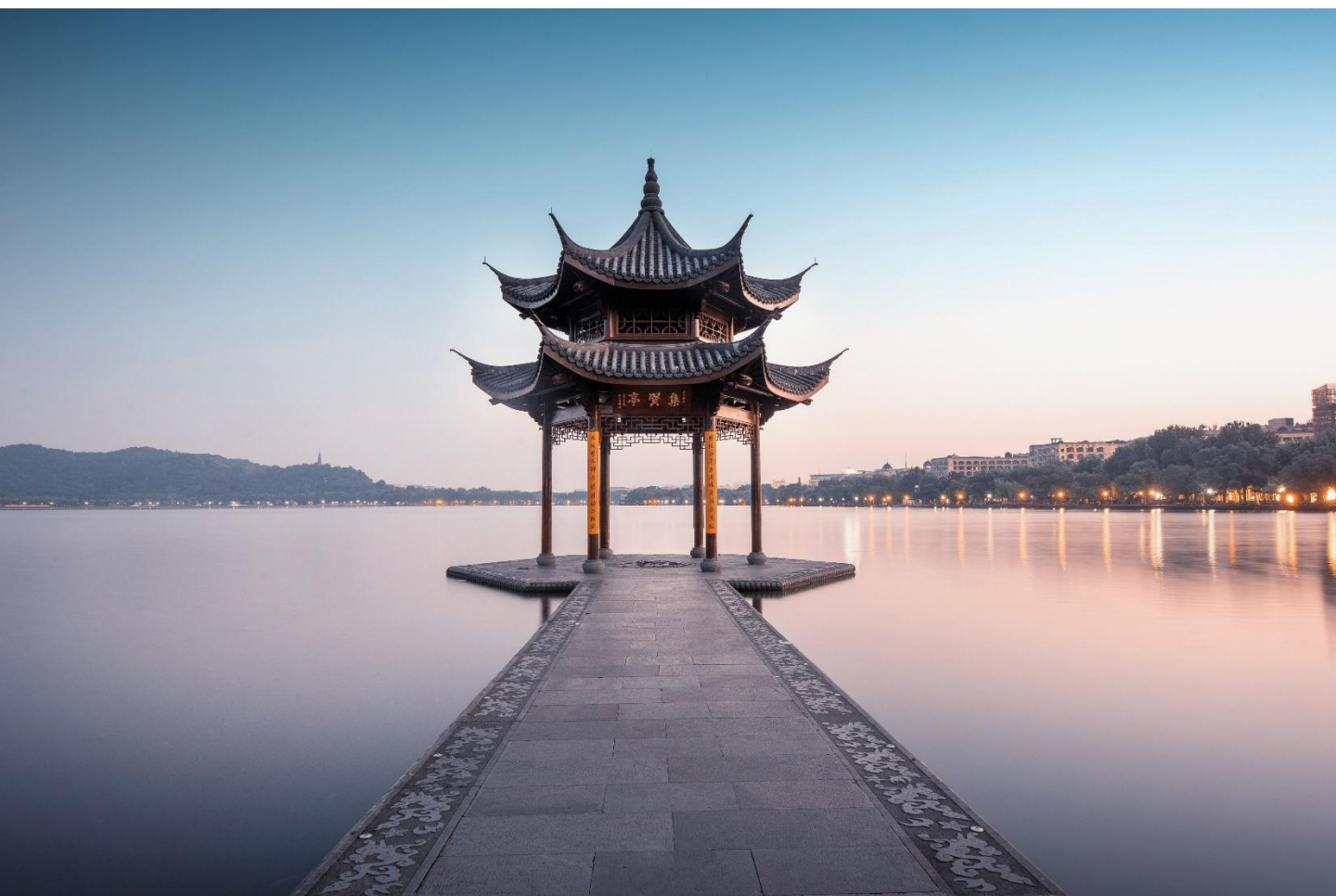


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Hangzhou HYDROTU Engineering Co. Ltd.



Hangzhou, China

Hangzhou Airport HGH
< 30 min by car

Shanghai Airport PVG
< 2 h by car

Shanghai Airports SHA
60 min by train



CONTACT DETAILS

We are more than happy to discuss your demands and secure your international project supply.



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HYDROTU President's Desk



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