



Designing and manufacturing of Pelton turbines

Suitable for high heads and small flows, and with a wide range of operation, the Pelton Turbine is the best choice for small hydro power plants with such site pre-conditions. Siapro designs and manufactures both **vertical- and horizontal-axis Pelton turbines with up to 10 MW**. Proven technology for the best energy yield results.

Your **main benefits** when choosing Siapro turbine:

- **Our own design and production**, wide choice of configurations
- **3D modelling** for perfect design
- **3D, 5-axis CNC machining** for perfect manufacturing
- Different **material choices for runners** to achieve the best cost-benefit result
- Special **heat treatment of runners** for very high heads
- Reliable, **standard industrial components** for a high **lifetime expectancy**.

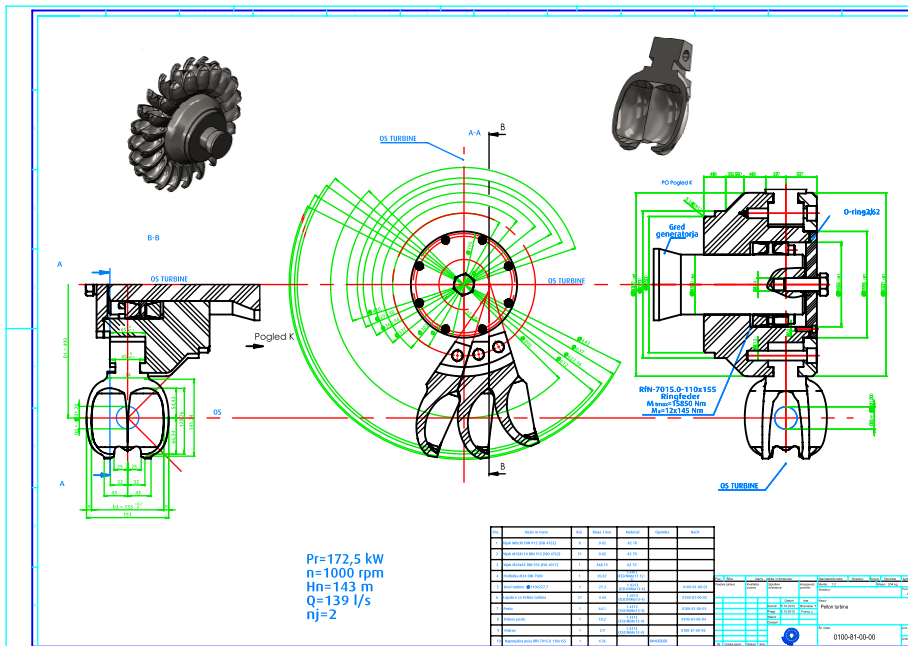
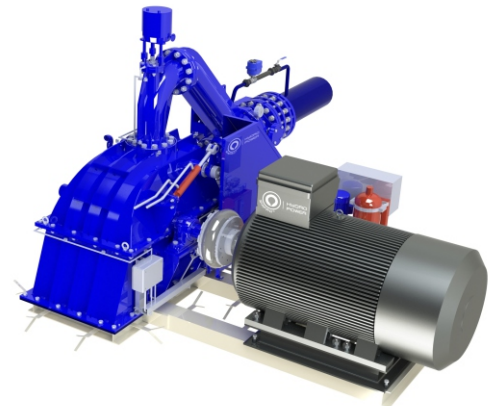
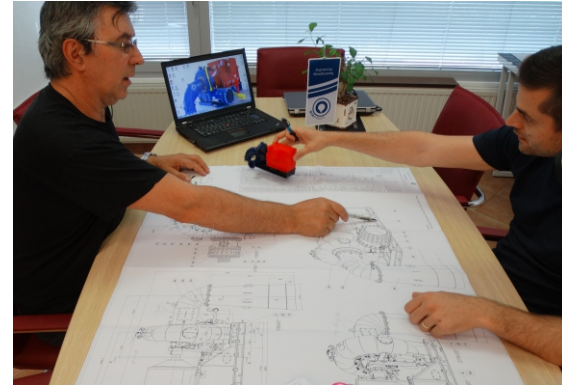


The Pelton turbine made by Siapro is designed for the following conditions:

Flow:	from 10 l/s
Net head:	from 70 m
Rated power:	up to 10 MW

3D modelling

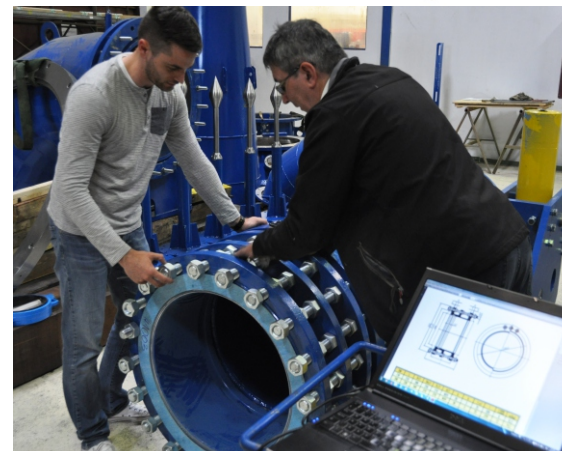
- Quality starts already with the design.



Main characteristics, production and commissioning:

- A wide range of configurations with 1 to 6 nozzles
- CNC machined or welded runners to meet all budgets
- Turnkey project supply, including the control system and grid access solutions
- A standardized manufacturing process to secure high quality of the end product

Siapro has more than **25 years of experience**. We offer consulting, engineering services, production and implementation. Numerous **reference projects** are a reflection of trust in our services and products. We also provide Francis, Kaplan, and Crossflow water turbines.



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