



PELTON TURBINES

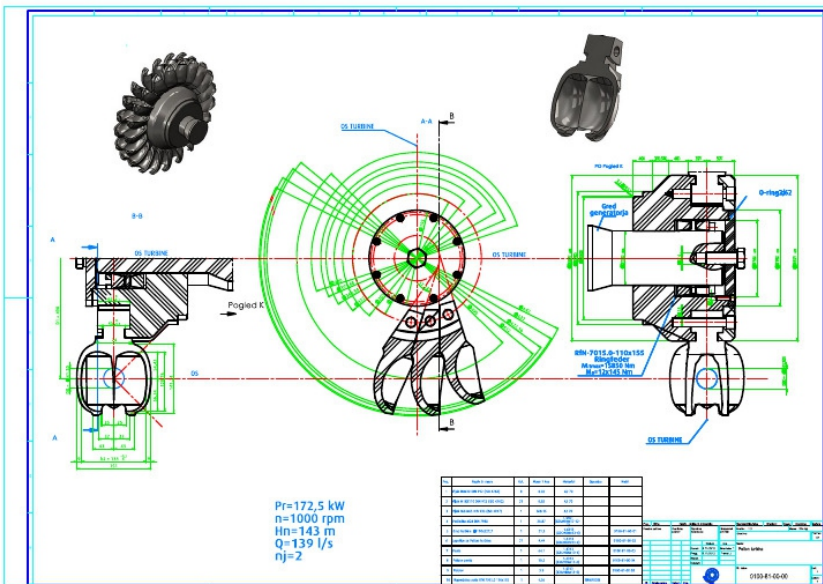
PROVEN TECHNOLOGY. CUSTOMER ENGINEERING.

Engineered for reliable energy yield

At Siapro, we design and manufacture high-performance Pelton turbines for high heads and small flows. With a wide operating range, Pelton turbines are an excellent choice for small hydro power plants with such site conditions. Siapro supplies both vertical- and horizontal-axis Pelton turbines with rated **capacities of up to 10 MW**. Proven technology and customized engineering support reliable operation and optimum energy yield.

WHY SIAPRO

- ✓ Own design & production
Wide choice of turbine configurations.
- ✓ 3D modeling
Quality starts at the design stage.
- ✓ 3D, 5-axis CNC machining
Precision manufacturing for critical components.
- ✓ Runner material choices
Solutions optimized for the best cost-benefit results.
- ✓ Special heat treatment
Runner treatment for very high heads.
- ✓ Standard industrial components
Reliable components for high lifetime expectancy.



ENGINEERED
REGARDING
YOUR SITE CONDITIONS

FLOW
from 10 l/s

NET HEAD
from 70 m

RATED POWER
up to 10 MW

MAIN CHARACTERISTICS

Production & Commissioning

Wide configurations

01 Adapted to projects requirements and site conditions.

CNC machined or welded runners

02 Machined or welded runner concepts for technical and budget targets.

Turnkey project supply

03 Including control systems and grid access solutions.

Standardies manufacturing

04 Controlled manufacturing for consistent end-product quality.

PELTON CONFIGURATIONS 1 TO 6 NOZZLES



SIAPRO HYDRO

30+ YEARS

of experience in consulting, engineering, production and implementation. Numerous reference projects reflect trust in Siapro services and products.

Also available
Francis • Kaplan • Crossflow