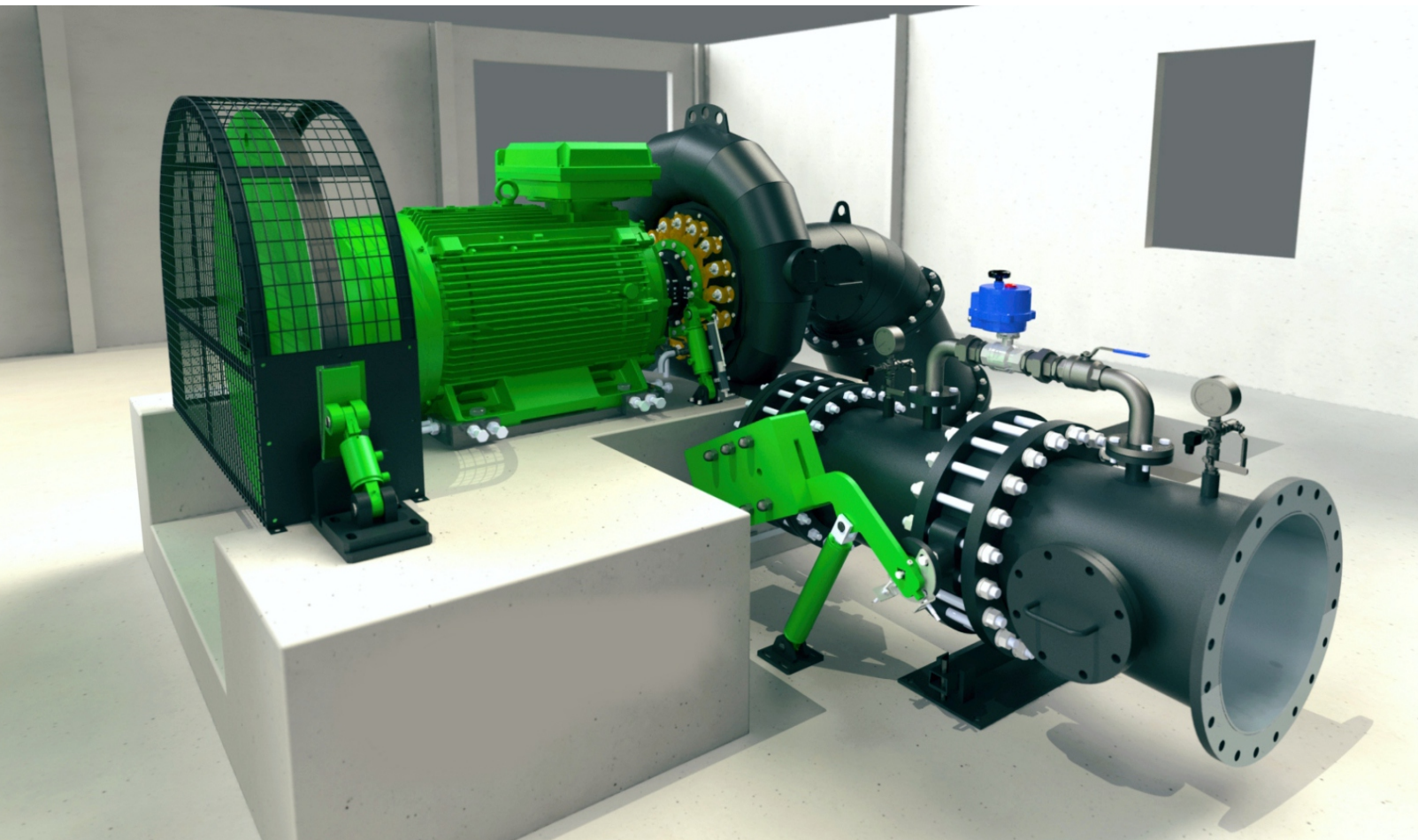




FRANCIS TURBINES

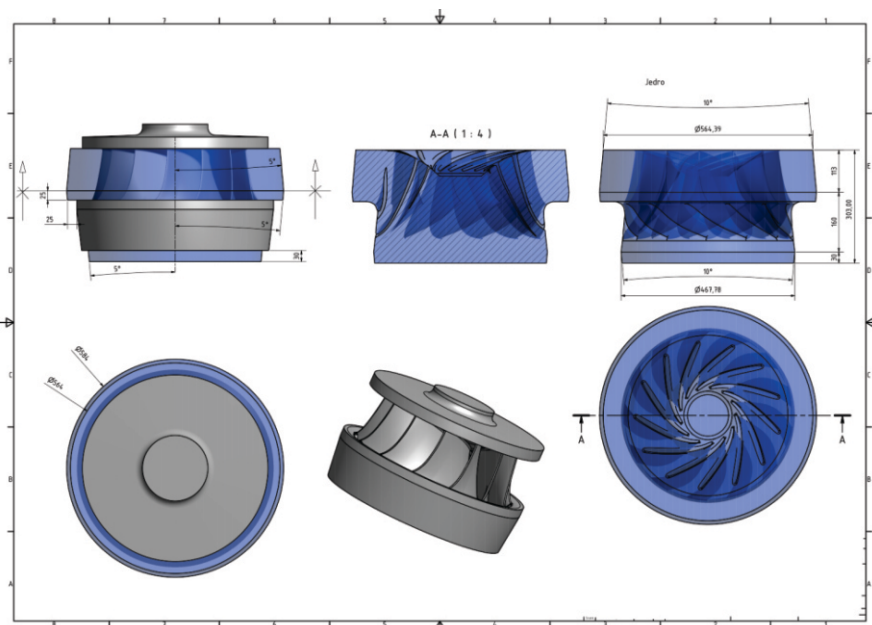
PROVEN TECHNOLOGY. CUSTOMER ENGINEERING.

Engineered for reliable energy yield

At Siapro, we design and manufacture high-performance Francis turbines tailored to a wide range of heads, flow rates and power requirements. With turbine efficiencies exceeding 93%, Francis turbines are among the most widely used. Siapro supply both vertical- and horizontal-axis **Francis turbines with rated capacities of up to 10 MW**. Our proven technology, engineering expertise and customized solutions ensure high efficiency, reliable operation and optimal 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 20 l/s

NET HEAD

from 5 m

RATED POWER

up to 10 MW

MAIN CHARACTERISTICS

Production & Commissioning

01

Wide configurations

Adapted to projects requirements and site conditions.

02

CNC machined or welded runners

Machined or welded runner concepts for technical and budget targets.

03

Turnkey project supply

Including control systems and grid access solutions.

04

Standardised manufacturing

Controlled manufacturing for consistent end-product quality.

TURBINE EFFICIENCIES 85 TO 93%



SIAPRO HYDRO

30+ YEARS

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

Also available

Pelton • Kaplan • Crossflow