



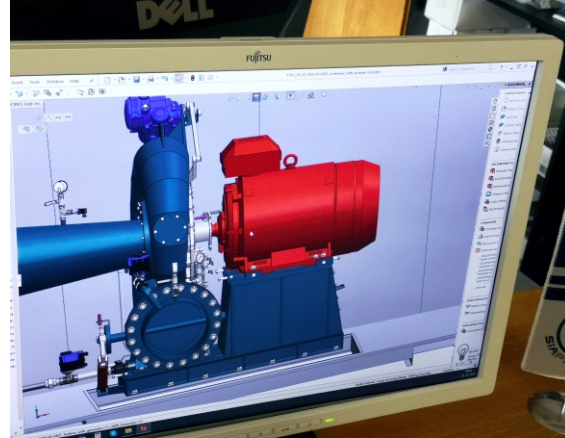
SIAPRO E-COMPACT SHPP

Cheaper energy source

With this unit you can replace diesel generated electricity supply with a cheaper system **based on water energy**. Good electricity supply for new plants, mines, sawmills, tourism facilities for areas with no electric network etc.

MAIN BENEFITS:

- **Simple** container system **box - KIT solution**
- **Optimized transport in a standard 20" container**
- **Fast and cost efficient**, no need to construct a building or dam
- **No assembly** of the equipment
- Robust hydro power plants **for small rivers**, which don't need water dams and regulation
- **Simple installation connections** to the pipe and grid
- **The product can be quickly put into operation**
- Suitable for potable water system.



The installed capacity for „all in a container,, hydro turbine and possible designs for the Siapro Francis turbine:

Flow:	up to 0,25 m³/s
Net head:	3,00 m to 100 m
Rated power:	8 kW to 150 kW

* Also options for the Crossflow and Pelton hydro turbines.



Example with a Pelton turbine.

Main characteristics, production and commissioning:

- The unit is fully automated by PLC and may be remotely surveyed and controlled
- A functional, safe and robust solution for small hydro power plants rating up to 150 kW
- Electrical connections to each consumer or local grid (400V or 230V)
- Short delivery and installation time due to standardization, prefabrication and no need for major on-site construction work regarding the power plant
- Reduces the cost for project engineering and customization
- Once on site, the unit can be quickly put into operation.

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



We reserve all rights in this document and in the subject matter, pictures and photos contained herein. Any utilization of document contents as a whole or in part is forbidden without prior written consent of Siapro. All photos ©Siapro.



For more information please contact our offices in Slovenia or Austria:

■ Siapro d.o.o.
Postaja 9
5216 Most na Soči, Slovenia
T: +386 5 384 16 32 / hydro@siapro.si

■ Siapro Hydro Power GesmbH
Gastgebgsasse 27
1230 Vienna, Austria
T: +43 664 43 60 422 / hydro@siapro.si

www.hydro-electricity.eu