



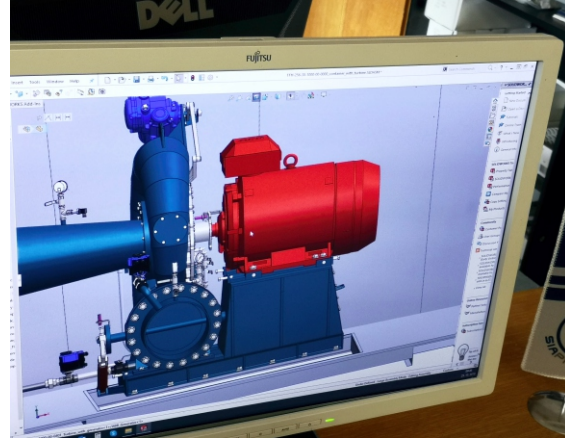
## SIAPRO SHPP COMPACT

### 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 m <sup>3</sup> /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.

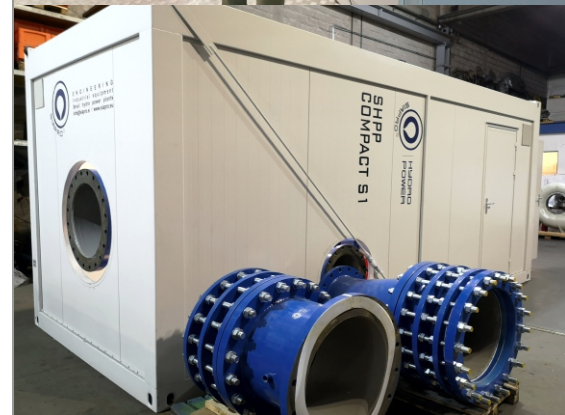
### Main characteristics, production and commissioning:

- 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.



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