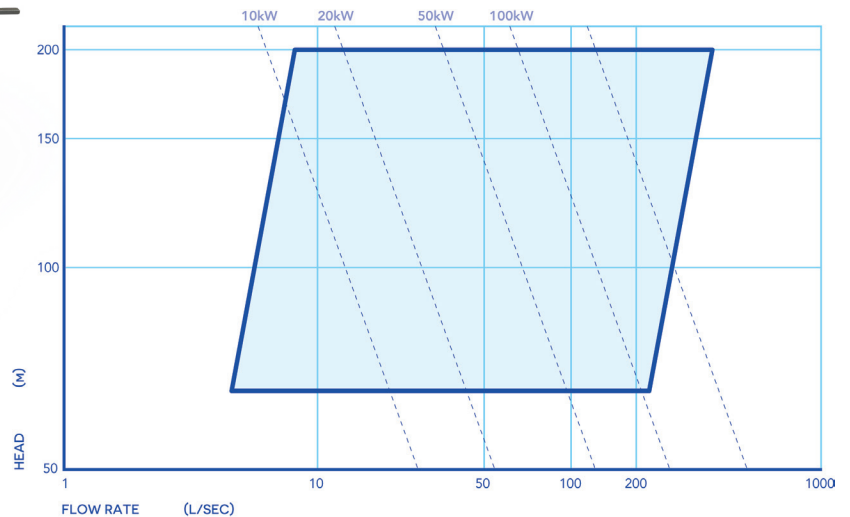




Pelton Turbines



Head	60 to 200 m
Flow rate	5 to 250 l/s
Mechanical power	5 to 175 kW
Rotation speed	750 to 1800 rpm
ON/OFF injectors	Manually operated or motorized



ADVANTAGES :

- ▼ Robust and reliable mechanical design
- ▼ Guaranteed minimum efficiency over a wide range of flow rates
- ▼ Simple design and low maintenance costs
- ▼ Easy maintenance as all essential components are easily accessible and removable
- ▼ Reduced cost thanks to the standardization of the range



The Pelton turbine, invented in 1879 by Lester Allan Pelton, is an impulse turbine; ideally suited for medium to high heads.

JLA Hydro's Pelton turbines stand out for the simplicity of their design and operation. The equipment is easy to install, civil engineering work is minimal and maintenance requirements are limited.

The main feature of the JLA Hydro's Pelton turbines is the possibility to have **up to six on/off injectors**, manually operated or motorized, allowing for multiple operating points. This flexibility ensures **optimal efficiency at varying flow rates**.

**Our Passion,
Your Energy**

Experts in hydro power and renewable energies.

JLA Hydro's Pelton turbines are equipped with a stainless-steel runner directly mounted on the vertical shaft of the generator, maximizing the turbo-generator unit's efficiency.

The runner diameter and bucket size are specifically determined based on the characteristics of each site.



EACH SITE, EACH RIVER IS UNIQUE.

That's why we design tailor-made turbo-generator units, perfectly suited to the specificities of each project.

All design and manufacturing stages of our turbines are carried out exclusively in Belgium, in our workshops. We ensure rigorous quality control throughout the machining and assembly process.

Our turbines can of course be used to generate electricity but also for various other applications by coupling them to a mechanical receiver such as a pump, a mill, or a sawmill.

Designed to last, JLA Hydro turbines are built to operate continuously for several decades while requiring minimal maintenance.

Many customers have been attracted and impressed by the ease of installation and maintenance of these high-performance turbines.

JLA Hydro provides complete turbo-generator units to equip power plants undergoing renovation or greenfield sites. The skills of its engineers are put to use to find the best technical solutions based on the site's characteristics and the customer's needs and expectations.

CONTACT US NOW TO DISCUSS YOUR PROJECT!

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