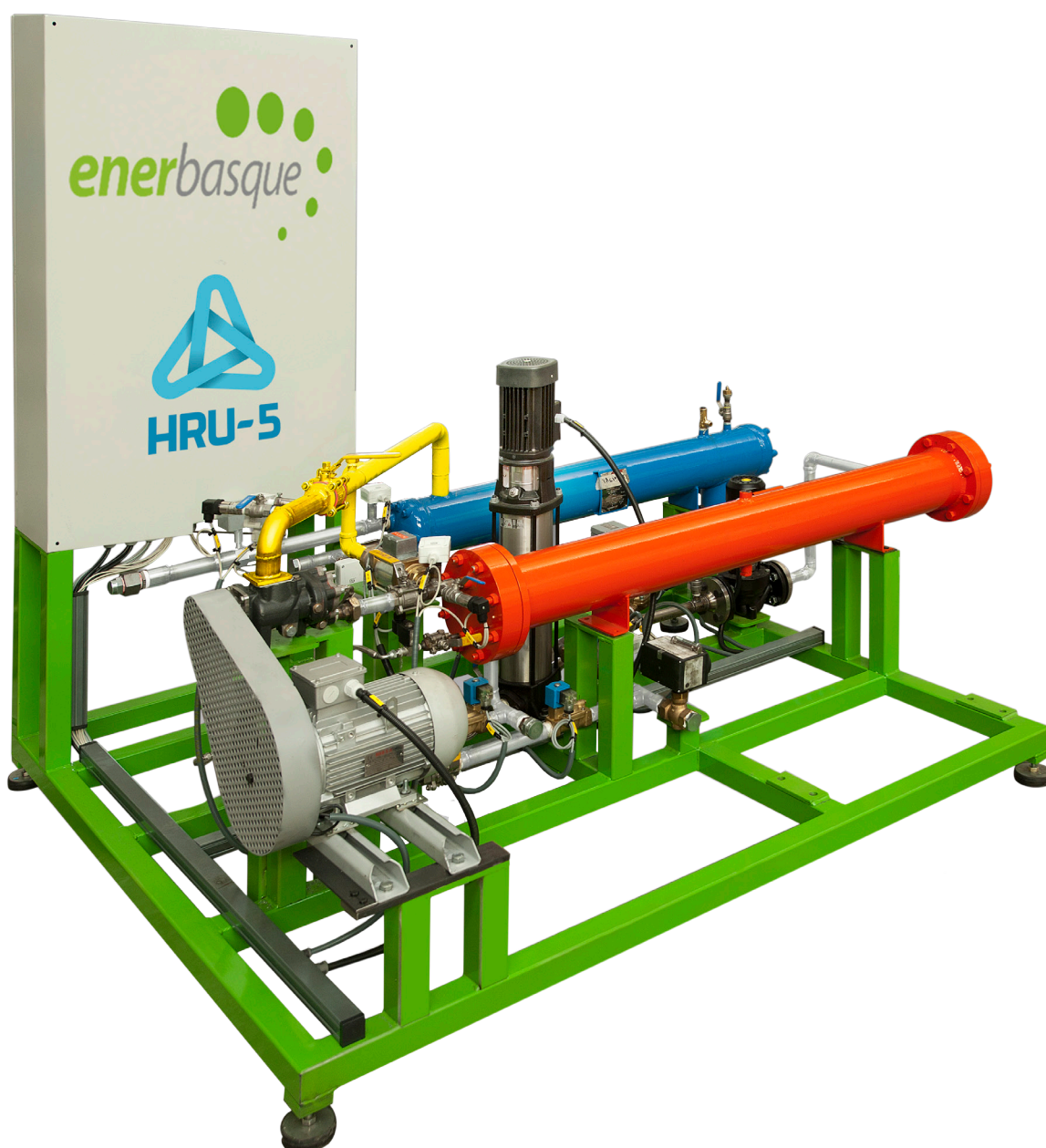


EXPERIMENTAL UNIT HRU-5

The ENERBASQUE HRU-5 unit is designed for research, testing and demonstrating thermal energy recovery systems for the improvement of efficiency in industrial processes.

It is specially designed for Technology Centres, Laboratories, Universities and Training Centres that wish to have a unit to experiment with.



Based on ENERBASQUE twin screw expander technology, it is completely customizable, and multiple options may be chosen to give it maximum flexibility.

- System to monitor variables in real time (pressure, temperature, flow)
- System to acquire data for subsequent post processing with resolution of [ms]
- Different constructive models, with both plate and tubular interchangers
- Sound proof cabin



This is a very versatile unit which, depending on the application to which it is destined, may work with different types of hot spots:

- Solar thermal concentration
- Exhaust gases
- Thermal oil
- Natural gas, biomass, electrical boilers...

The cold source may also be designed to be adapted to the existing (tower, aero, rain/sea water) or to be integrated into the machine itself (evaporative condenser, aero integrated in the unit).

The unit, which is completely customizable, can admit power adaptations, both with regard to available thermal energy and to energy generated mechanically and electrically, in addition to adaptations with regard to the provision of equipment.

Consult ENERBASQUE to obtain the most suitable model for your project and needs.