

CHP stands for the Combined production of Heat and Power by a single integrated system.

Cogeneration systems are usually fed by a gas-powered endothermic engine and use one type of fuel to produce two types of energy, leading to considerable cost savings. A correctly-sized CHP system can also increase the reliability of the electricity supply by preventing any breaks or sags in the voltage.



Catalyst with a tray

BERSY cogeneration catalysts can be sized and manufactured for small, medium or large power systems, with no limitations.

A wide range of standard catalysts is available but bespoke requirements can also be catered for in order to respond to specific needs in terms of the reduction of exhaust fumes. Cogeneration catalysts are exclusively supported on a metallic honeycomb, with a tray for the replacement of the catalytic element alone.

They come complete with the flanges and counter flanges that facilitate their application and integration into any kind of system.



Catalytic element

CHP systems are becoming increasingly popular in Italy for these reasons; however the pollution they produce is a growing problem and an issue that could slow down their development.

BERSY designs and produces oxidation- and three-way catalysts for use with Cogeneration systems that can significantly cut the polluting gases that are released.



Catalyst with a tray



Schematic