



EUROSTAMP

CONTEXT

Customer : Eurostamp

Sector of activity : Automobile

Located : Villers la Montagne (54)

Year : 2020

Equipment installed :
IP-I/ST/SP 1002 – R134A :

Description of the equipment : Air-cooled high-temperature chiller
*2 refrigeration circuits.
*Operates at ambient temperatures of up to 55°C.

Total capacity :
171KW | 15°C/20°C @35°C

THE CUSTOMER

The EUROSTAMP plant in Villers-la-Montagne, which specialises in stamping and metalwork for the automotive industry, has modernised its cooling system to avoid production stoppages during the hot summer months. It has installed a more efficient model, the IP-I/ST/SP 1002 - R134A from CTA, which guarantees optimum cooling with two refrigeration circuits and operates at ambient temperatures of up to 55°C. With an output of 171 kW, it maintains a stable equipment temperature, improving reliability even in hot weather.

This system supplies the cooling network of industrial presses with chilled water, distributing the thermal load via the refrigeration circuits. The ambient air dissipates the accumulated heat, preventing the equipment from overheating and ensuring its smooth operation. This installation enables EUROSTAMP to maintain constant production, reducing the risk of stoppages and improving productivity, while meeting the requirements of its customers such as PSA and Ford. Improved thermal management also helps to extend the life of the machines, reducing long-term maintenance costs. This system optimises the plant's energy efficiency, contributing to both its profitability and its environmental footprint.

