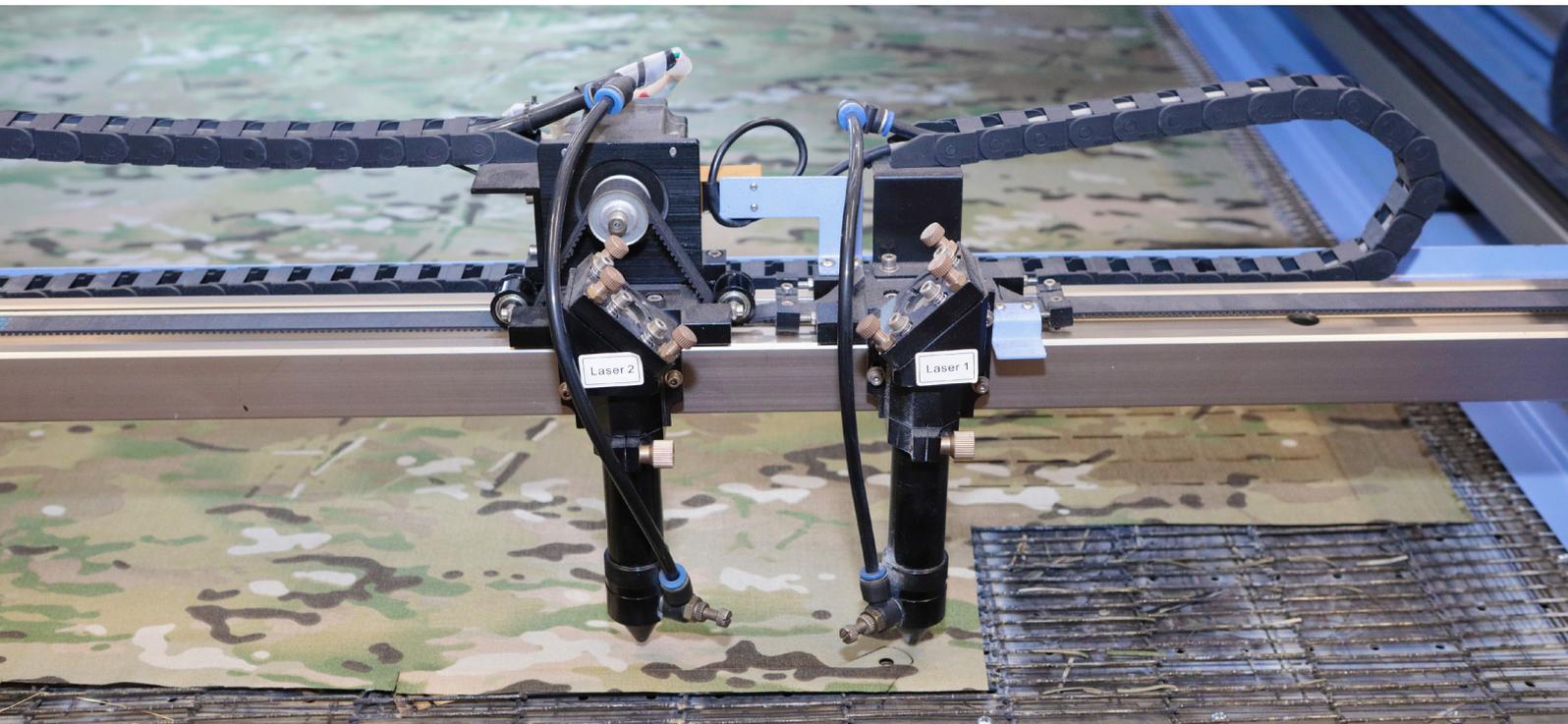




COOLING FOR LASER CUTTING MACHINES



THE CHALLENGE

As demand for clothing and household projects such as curtains and furniture to be produced quickly grows, the textile industry must improve its speed without compromising on the quality that customers expect. One technique that aims to deal with this challenge is the introduction of laser cutting into the textile industry.

A Nottingham based laser cutter manufacturer was looking for a chiller that would be able to cool its textile cutting laser so that the unit would not overheat and shut down when being used in production.

THE SOLUTION

After the ICS Cool Energy Engineer consulted with the manufacturer and understanding the requirements of the production processes and the industry, the engineer recommended the IC10c unit.

The IC10c unit is part of the i-Chiller range, a range of air cooler units that are designed for reliability and efficient process cooling. The large storage tank inside the unit fits the requirements of laser cutting as it allows the unit to deal with the fluctuations in cooling demand that laser cutting requires. The i-Chiller units are also constantly stocked by ICS Cool Energy, meaning they will be available quickly when quick turnarounds are required by the customer.



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At ICS Cool Energy, we work in partnership with original equipment manufactures to find temperature control solutions you can depend upon.

THE RESULT

The manufacturer decided to use the IC10c unit that the engineer had recommended, placing an initial order to use with its newly developed machinery and continuing it's 18-year relationship with ICS Cool Energy. The customer has ordered over 100 of the units originally recommended by the engineer over a six year period due to its ability to meet the requirements of the equipment they manufacture.



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