



# GROWING THE SUCCESS OF HEREFORDSHIRE CIDER



## The Challenge

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Ambitious expansion plans to double capacity meant that a major Herefordshire cider producer needed expert help. ICS Cool Energy's hire solution delivered not only the essential temperature control and maintenance but also meant the producer could focus its capital expenditure on the site while budgeting for a fixed manageable equipment hire cost.



**Russ Baker**  
Sales Director  
(Hire)

“Our reliable solution means the producer will meet production targets for the next three years.”

## WE MAKE IT WORK

### The Solution

With the nation’s booming cider sales, a leading producer moved swiftly at the opportunity for expansion when the adjacent land was for sale. The original cooling capacity has to increase from 1,000kW to 2,500kW to support the fermentation tanks and storage which needs to be at a constant 7°C for a perfect product. But with a major investment in land and buildings, a hire solution proved ideal for the project’s financial management as well as ensuring the equipment is the best available, with maintenance for added peace of mind.

#### PRODUCT SELECTION

- 1,000kW air cooled chiller for the additional seven fermentation tanks
- 1,000kW chiller for the blending line
- 2x powerful i-C 535 96kW i-Chillers each individually linked to low temperature Fan Coil units to achieve the optimum 0°C for the cold storage room
- A 280kW low temperature chiller was also supplied to the existing production facility to slip stream the product en route to the tankers.



**Production increased from 50m litres to 110!**



### The Result

The extra capacity meant that production could increase from 50 million litres of cider per year to a tasty 110 million.

ICS Cool Energy’s integrated solution meant the cider giant now has a total of 3.4MW of cooling, which also allows capacity for the future to trial new product lines with further research and development.

Russ Baker, UK Sales Director of ICS Cool Energy’s Hire Division said, “With the rental units in place, the brewery is now achieving optimal temperatures for each of their processes. Our powerful and reliable rental package will ensure that the expanding brewery will meet their production targets for the next 3 years.”

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