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Rural England Prosperity Fund 'Rural Business Development Grant'

Magic Wood Ltd



About

The objective of this grant was to support the creation, diversification and expansion of rural businesses. Funding was available for new capital equipment to support all areas of rural business development leading to the creation of new jobs, products, services and markets, and to help boost community cohesion. Grants Capital grants of between £3,000 - £10,000 were available and awarded after a competitive grant process.

Magic Wood Ltd is a Micro Business located in Bamford in the Hope Valley. The enterprise creates off-grid eco-friendly cabins for sustainable tourism in rural locations.



Magic Wood



**High Peak
Borough Council**

- **Grant Awarded: £7,206**
- **Improved productivity**
- **Introduction of new technology not previously used by the enterprise**
- **1 x part-time job safeguarded**



Challenge

The construction of structural and interior components of the enterprise's 'off-grid cabins' relied heavily on manual methods which meant processes were labour-intensive, slower, and prone to human error. This led to rework, inconsistencies, and longer build times.

Impact

The acquisition of the Yeti Smart bench CNC machine has significantly increased efficiency, precision, and scalability in the enterprise's off-grid cabin manufacturing process.

With CNC automation, the enterprise can now produce components with millimetre accuracy, ensuring perfect fit and faster assembly on-site. Time spent on cutting, shaping, and finishing timber is reduced by over 50%, allowing the enterprise to pre-fabricate multiple identical parts in a fraction of the time. Thanks to the new equipment they are now able to manufacture components in days instead of weeks.

Design revisions are also easier to implement. Instead of retooling or retraining staff for each iteration, digital design updates are simply reloaded into the CNC system. This allows rapid prototyping and iteration—ideal for the enterprise's evolving cabin design.

Waste decreases substantially due to the CNC's precision cutting, contributing to the enterprise's sustainability goals. Fewer mistakes mean less discarded material and less energy used per build.

“This investment has modernised our workflow, enabled consistent quality, and dramatically improved productivity—making off-grid cabin production faster, leaner, and more economically viable than traditional methods”



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