

# AH Manufacturing

**Introduction** - AH Manufacturing Ltd is based in Moira, Co. Armagh, and was established in 2024. The company operates across the UK, Ireland, and beyond, with a primary focus on the agricultural sector.

**Challenge** - AH Manufacturing developed a new digital electric compressor with a robust chassis and remote controls for off-site operation, enhancing its existing product range. Designed to be adaptable, easy to manufacture, and versatile, the company sought 3D design mentoring to support development. With extensive industry experience and strong relationships with major clients, AH Manufacturing recognized the significant market potential for this innovation.

**Solution** - Through the InnovateUs programme, funded by the Department for the Economy (DfE), the Business Support & Innovation Centre at Southern Regional College (SRC) provided AH Manufacturing with fully funded 3D design mentoring. Tailored one-to-one support from SRC's Engineering Innovation & Technology Specialist, James Donnelly, guided the product's development, helping ensure the new compressor was efficient to manufacture and met market needs.

**Impact** - Through this support, AH Manufacturing gained the expertise needed to independently design, develop, and manufacture its bespoke products. This new capability ensures the company's sustainability and growth, enabling them to meet the evolving demands of the commercial sector and stay ahead of industry trends.

