

## INNOVATION IN COMPOSITE MANUFACTURE

**FINALIST: Plyable Ltd**

Plyable's Tangible is a cloud-based software platform designed specifically for composite manufacturers, automating two traditionally manual processes: generating production quotes from CAD files and PDFs, and generating mould CAD from component geometry in under a minute.

The innovation combines AI, advanced geometric processing and six years of Plyable's manufacturing data to capture specialist engineering knowledge in software. Tangible interprets complex geometry, manufacturing methods and process requirements, generating editable quotations in minutes rather than hours or days. Early users have achieved 96% accuracy for standard quoting scenarios.

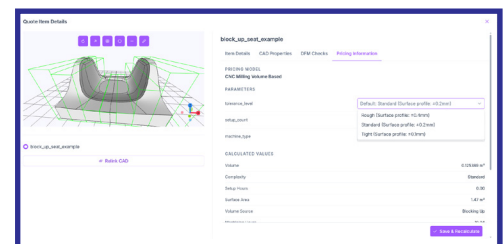
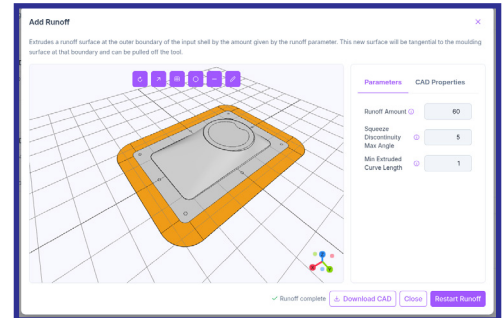
Its patented mould-generation technology (EU patent 2022793797, granted July 2025) generates production-ready tooling features directly from component CAD. Unlike conventional ERP/MRP and estimating software, Tangible is purpose-built for composites, integrating quoting, CAD interpretation and tooling design within one platform.

Tangible is already used by composite manufacturers, tooling companies and engineering teams for live quoting. By reducing quotation time, improving consistency and reducing reliance on individual engineers, it enables businesses to respond faster and increase capacity without additional headcount.

Development required expertise in software engineering, CAD, composite manufacturing, tooling and mathematics. The platform evolved from Plyable's internal software and was rebuilt as a scalable cloud platform. Early adopters validated the technology through live manufacturing projects from early 2026, with their feedback shaping functionality and usability.

Tangible has an estimated \$140m annual addressable market for quoting alone, with longer-term potential across manufacturability analysis, process planning, tooling and production preparation. The project was delivered by Plyable's technology and manufacturing teams, supported by industry partners providing live testing and feedback. Commercial deployment began in April 2026.

Learn more at: [www.plyable.com](http://www.plyable.com)



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