



Contract Assembly Capabilities and Services

The power assemblies team has developed vast experience in the assembly of products for our own designs and providing sub-contract assembly services for key customers, specialising in the field of high power semiconductor assemblies.

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Work with assemblies up to 2 tonnes in weight

The Power Assemblies workshop encompass lifting equipment, enabling the team to work with large assemblies, **up to 2 tonnes in weight**. The team can handle many assembly types from higher volume smaller jobs to lower volume and more complex designs.

Key projects has seen the development of a range of assembly equipment driven by our internally developed process control software. The platform gives rich process instructions to operators whilst enforcing full process traceability with barcode scanning of sub-components with data verification.

The software also manipulates external tooling such as electronic assembly tools with position control systems to ensure proper mounting procedures are followed to the correct torque requirements and assembly sequence. The procedures also optimise efficiency and thermal capabilities.

The platform is fast and flexible, which provides us with the capability to adapt our key equipment to assemble many different products and adapt as demands require.