

SPECIALISTS IN EXTRUDING & MACHINING ALUMINIUM COMPONENTS

Capalex, Capital Aluminium Extrusions Ltd, is an aluminium extrusion manufacturer and machining company with all extrusion, heat treatment, machining, fabrication, powder coating and assembly facilities at a single site in Cleator Moor, Cumbria. We provide a greater range of alloys and more flexibility on profile design, tolerances, quantities and lead times than almost any of the larger scale commercial extrusion companies.



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capalex.co.uk

We are able to work with the biggest aerospace companies with our AS9100D & ISO 9001:2015 approvals.

Our services are particularly helpful to customers developing new products and for industries where flexible quantities, tight tolerances and responsive, quick delivery are paramount.

Our customers range from one-man engineering shops to some of the biggest multi-nationals, spanning every market sector including:

- ◆ **Aerospace** ◆ **Display** ◆ **Leisure**
- ◆ **Architectural** ◆ **Electronics** ◆ **Marine**
- ◆ **Automotive** ◆ **Engineering** ◆ **Retail**
- ◆ **Defence** ◆ **Furniture** ◆ **Rail & Signage**

EXTRUDED PROFILES



Our extrusion facility can produce a vast range of extrusions in competitive lead times. CAPALEX can produce high tolerance extrusions weighing as little as 0.012kg/m with wall thickness down to 0.5mm.

POWDER COATING



Our in-house powder coating facility offers finishing in a variety of colours with RAL, BS or colour matched powders. CAPALEX is able to coat in both aluminium and steel components in lengths from a few millimetres to 6 metre lengths.

ALUMINIUM BILLETS



CAPALEX can extrude in a range of extrusion alloys including: 1050A, 1200, 2014A, 2024, 5083, 6005A, 6060, 6061, 6063, 6063A, 6082, 6463, 7020, 7050, subject to temper requirements and product specification. We may be able to offer other special alloys on request.

SURFACE TREATMENTS



Our extrusions and components can also be supplied in various surface finishes including anodised, alocromed, polished, finished, plated and screen printed or part marked.

MACHINING & FABRICATION



CAPALEX offers cutting, fabrication, CNC turning and machining utilising our state of the art equipment from manufacturers such as HAAS and Elumatic. This enables CAPALEX to supply complex, precision machined components up to 7.7 metres long.

ASSEMBLY



To complete our offering, CAPALEX can provide an assembly service to produce a fully finished article. Detailed assembly and test standards can be uniquely developed with each customer for individual projects including, special labelling, packing or other custom assembly requirements.

