

Aluminium Extrusions in Automotive Applications

Engineers in the automotive industry are under pressure from demands for lower weight, corrosion resistant materials and manufacturing components in large quantities to high quality.

Aluminium extrusion manufacturers such as ABL Components Ltd are continually reviewing their processes and products to offer improved automotive engineering solutions.

Components in increasingly demanding applications require manufacturers to use extruded aluminium sections in complex design solutions to give components the desired structural functionality.

Benefits

By using aluminium, vehicle manufacturers can achieve considerable weight savings.

Environmental benefits are also gained by the use of recycled aluminium in vehicle production and less fuel is used to manufacture and deliver the lighter weight vehicles.

The aluminium extrusion process offers benefits other than weight savings. Features can be incorporated so that they enhance the structural strength of the assembly. Multi-functional parts can be extruded that incorporate additional features such as wiring channels or other features for attaching body panels.



New Stretch Forming Machine

ABL has recently invested in a new forming process; stretch-forming which enables the transformation of extruded lengths into accurately formed, interconnecting components.



Subsequently operations such as drilling, milling, welding, anodising or powder coating are performed to complete the component production.

Their experience in this sector aligned with the capabilities and equipment they have in-house make ABL the ideal partner for all your needs in the automotive market.

They have worked with many clients to provide tailored solutions to their requirements for aluminium extrusions in this sector.

Contact ABL today to learn more about how they can assist you in the automotive market.

Tel: +(0)44 121 789 8686 or visit their website at:

<http://www.ablcomponents.co.uk/abl-components-contact.htm>