

## Aluminium Extrusions in Sports Equipment

At the highest professional level, sports are a highly competitive occupation with high prize money depending upon fractions of a second or tenths of a centimetre. However, even the dedicated amateur is willing to invest a great deal of money to improve his or her performance. Thus, just as in other fields, the use of special aluminium alloys in sports can be justified if it leads to enhanced performance.

Sports equipment designers are constantly reviewing the materials they specify and use to ensure the equipment enables the competitor to achieve their best performance in their chosen sport

The sports equipment must exhibit the following qualities

- high quality
- safety
- durable
- light weight
- high corrosion resistance
- low cost of maintenance



In an industry associated with constant innovation and revamping, the versatility of aluminium extrusions not only improves the efficiency in installing various components, but offers a solution that is both aesthetically pleasing and functional.

**Football goalposts** can be made from wood, uPVC or aluminium. As safety requirements by international football associations are continually refined it is necessary not only to meet but exceed those requirements. Extruded aluminium posts and fittings offer a light weight, durable, corrosion resistant solution that meets those safety requirements.

It is now possible to obtain **hurdles** made of a lightweight, tubular frame, aluminium construction that are balanced to return to the upright position when knocked over and have a padded top bar for safety.

**Racing bike frames** are often made from incredibly strong, light aluminium alloy that can be manipulated into almost any shape and is great for transferring power from the pedals to the wheel. Aluminium has high corrosion resistance and now a good aluminium road bike is a joy to ride.

### Why use extruded aluminium instead of other materials?

- Aluminium is lighter and thus more portable especially where the same field is used for other sports
- Aluminium and its associated fixings are safer by design
- Aluminium has a low cost of maintenance compared to other materials
- It can be powder coated maintaining its glossy appearance and won't rust or rot



### Surface Treatment

Aluminium sports equipment is usually finished with surface treatment such as powder coating or anodising. Goal posts are often powder coated but cycle wheels may well be anodised to increase their surface hardness and thus durability.

### ABL Components One Stop Shop

ABL Components have worked with many clients to provide tailored solutions to their requirement for aluminium extrusions in the sports equipment sector. ABL's ability to offer a one stop shop solution provides a unique service for their customer base, located both in the UK and around the world.

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 sports equipment market.

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

Tel:+(0)44 121 789 8686 or visit their website at <http://www.ablcomponents.co.uk/contact.htm>