

Press Release

June 22nd 2010

Traveling at a speed of Mach 1.4 - The Fastest Aluminium in the World!

The BLOODHOUND SSC will be more advanced than most spacecraft and even faster than a bullet fired from a Magnum 357 handgun.

alimex are proud to have become a product sponsor of the BLOODHOUND SSC Project by supporting the construction team of this iconic super sonic car with high quality aluminium. alimex will be taking part when the new vehicle achieves its target of 1,050 mph (1,690 kmh) and marks the greatest incremental increase in the history of the World Land Speed Records.

In trying to set what research suggests may be the ultimate land speed record, a team of British engineers, designers, mathematicians and technologists lead by Project Director Richard Noble hope to tell a new story of achievement that will fascinate and inspire all those who hear it.

At 12.8m long, and weighing 6,422kg (fully fuelled), the jet engined and rocket-powered vehicle BLOODHOUND SSC car will be more advanced than most spacecraft, even faster than a bullet fired from a Magnum 357 handgun and will incidentally also exceed the current low altitude speed record for aircraft (c.994mph).

Its 900mm diameter wheels will turn at over 10,000 rpm, generating 50,000 radial 'G' at the rims. The car will accelerate from 0 – 1,050mph in 40 seconds and at maximum velocity the pressure of air bearing down on its carbon fiber and titanium bodywork will exceed twelve tones per square meter.

At this speed, the driver, Wing Commander Andy Green (who holds the current land speed record of 763mph (1228kmh) at the controls of Thrust SSC on 15th October 1997) which we also supported, will be covering a distance equivalent to over four and half football pitches every second, or 50m in the blink of an eye.

The BLOODHOUND SSC Project is an inspirational engineering adventure that will push the bounds of technology to their limit, designing; building and running BLOODHOUND SSC will be a unique challenge. Joined by the philosophy to find solutions for innovative, dynamic and future-oriented applications, which is the reason that alimex decided to become part of this fascinating three year mission.

Building a car which is quicker than a fighter jet is not simply however the primary goal of this project, rather, it is a unique opportunity to inspire future generations in schools, colleges and universities to take up careers in science, technology, engineering and mathematics by showcasing these subjects in the most dramatic and exciting way possible.



Background Information on the Company

The production of high quality aluminium cast plates is the **core business** of alimex Metallhandelsgesellschaft mbH.

The company was **founded** by Mr. Helmut Geller in 1970 as alimex (ALuminium IMport EXport).

At the turn of the year 2008 /2009, alimex expanded the premises at the **headquarters** in Willich close to Düsseldorf up to 40.000 m².

Further affiliated companies of alimex are located in the Netherlands, in Great Britain and in the United States of America.

The **product range** includes the company owned products ACP 5080, ACP 5080R, ACP 5080MF, ACP 5080 GIANT, ACP 5080R GIANT, ACP 6000, AFP 5000, PLANAL 5083 / 6082 and 7075, AMP 7000, AMP 8000, semi-finished products in aviation quality, EN-standardised rolled material and rods as well as ready-to-install components.

Further information please find on our website www.alimex.de

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