

Top Honours For Buckley Systems Ltd

Innovative manufacturer Buckley Systems Ltd (BSL) has taken top honours at the Westpac Auckland Central Business Awards, their third major award recognition in 2011. Winning the Supreme Business Excellence and Excellence in Innovation awards.

The awards follow Bill Buckley's recent crowning as New Zealand's Ernst & Young Entrepreneur of The Year and BSL's achievements at the American Chamber of Commerce Awards winning AMCHAM 2011 Exporter Of The Year and the Supreme Winner award.

In selecting BSL as the Westpac Supreme Business Excellence Award winner, Convenor of Judges, Roger Partridge said...

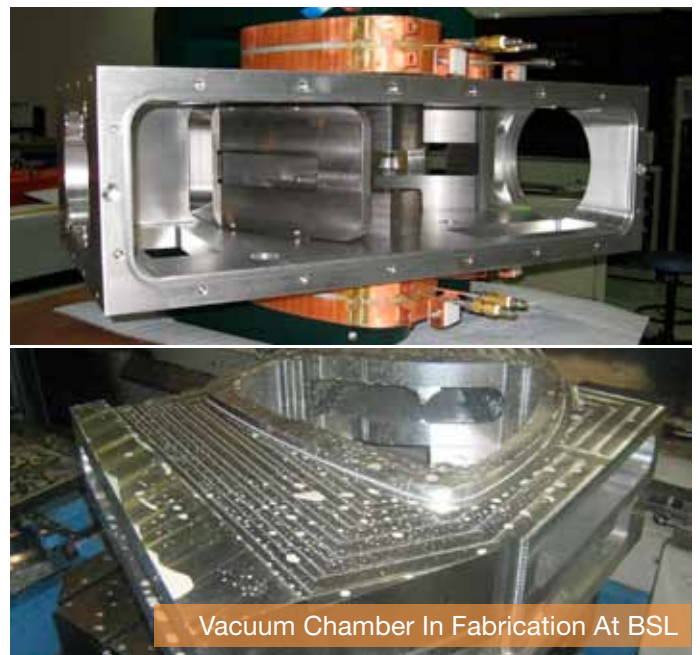


Mike Lightfoot CEO of BSL and Bill Buckley Receiving Supreme Award

“Buckley Systems impressed the judges in all areas of business practice. The success of the company is built on a winning combination of strategy, innovation and leadership. This outstanding company is a true example of business excellence in New Zealand.”

BSL is New Zealand's largest machine shop, employing over 240 staff and fabricating over 500 tons of steel, 20 tons of aluminium and 65 tons of copper a month. Their facilities are capable of manufacturing small and large runs to extremely small tolerances and are a leading international manufacturer of precision electromagnets, charged particle beam line systems, and high-vacuum equipment.

NALCO has supplied BSL aluminium specialised plate, sheet and extrusion since 1996 and continues to work with them to supply specialised sawn and CNC Router cut plate specifically for their applications.



Vacuum Chamber In Fabrication At BSL

Inside this issue: Aluminium Bodied Mercedes | Aluminiums Allure | Closedown Dates | NALCO Update

Please contact us for more information about our products or any stories of interest.

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Winner of the Westpac Manukau Business of the Year Supreme Award 2009



NALCO Update



Hi everyone and welcome to our last edition of the Profile News for 2011.

It has been pleasing to see a pick up in activity within the manufacturing industry over the last 2 months, something we all appreciate leading into Christmas. The economy continues to go

from hot to cold and back again, with the threat of another global recession hanging over us, lets hope the momentum continues to grow into the new year.

As we near the end of 2011 we naturally start to reflect on the year. In one that has had more than its share of disasters and loss, its good to focus on some of the positives. The recent RWC, the speed that our Christchurch operation returned to operation following February's quake and the recognition of several of our customers in recent business awards. In this edition we feature Buckley Systems who had success at the recent Westpac Auckland Central Business Awards and I would also like to congratulate Vidak for winning the ECNZ Innovator of the Year award.

With the New Zealand Dollar once again dropping, pressure is on our cost of imported goods, which we have seen increase over the last 4 months. We are currently absorbing these increases but will continue to monitor this over the coming months, we have already seen some of the Steel Companies along with other importers move pricing. This is however good news for the exporters and we hope to see the manufacturing sector lift as a result.

Lastly I would like to thank the NALCO staff. I believe that we have a committed team that are passionate and worked hard throughout the year to deliver your Aluminium needs. In the last month Genny Walsh from our Hamilton Trade Centre and David McElroy from our Christchurch Trade Centre reach 20 years service with the company, a significant achievement.

Merry Xmas from the NALCO team.

Bruce

NALCO Movember



During November some of the NALCO team joined the inaugural Movember fundraising effort responsible for the sprouting of moustaches on thousands across New Zealand and the world to raise vital funds and awareness for men's health, specifically prostate cancer and depression in men.

Our selfless volunteers have mastered the art of moustachery and at last count raised \$1,151.00. To make a donation to the NALCOMOBRO'S team and support mens health please visit:

<http://nz.movember.com/mospace/2210578>

Aluminium's allure to increase in next decade

LONDON, Nov 16 (Reuters) - Less volatile prices and supply certainty are just two factors that will make aluminium stand apart from other industrial metals including copper in the next decade, a senior analyst at consultancy CRU Group said on Wednesday 16th November.

"We are predicting at least a decade now of aluminium being the preferred and most attractive metal from a consumer stance," said Paul Robinson, group manager for non-ferrous metals at consultancy CRU Group.

"Aluminium looks like a metal which will have a relatively stable price path compared to alternatives. The level is important, but just as important for consumers is the lack of volatility - which again makes aluminium look attractive," Robinson told Reuters.

Both tin and copper have uncertain supply prospects, with miners having to develop new technologies to dig deeper to retrieve lower grade ores, while aluminium, contained in bauxite ore, is the most abundant metal in the Earth's crust.

Mercedes Using a Lightweight Aluminum Body



Mercedes-Benz will break new ground with the sixth generation of its Mercedes SL roadster next year by making it the first Mercedes in large-scale series production to use an almost exclusively aluminium lightweight construction.

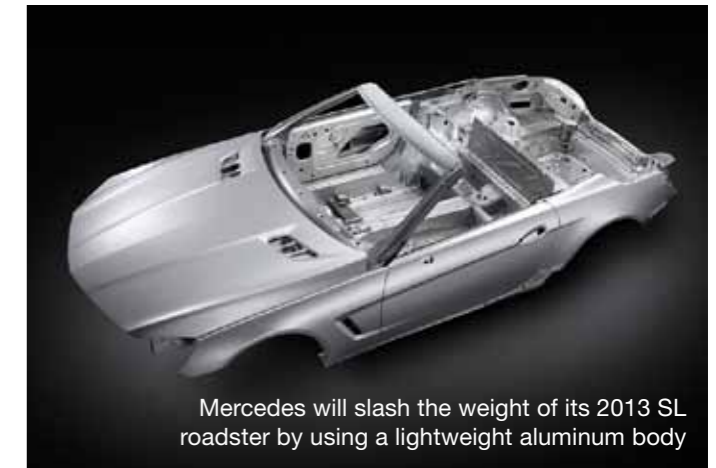
The new design will slash 140kg from the 2013 SL roadsters predecessor by using a lightweight aluminium body, which will consist of 89% aluminium.

Mercedes brags that the new development meets the highest safety standards and also promises that the SL will be unique among roadsters in terms of NVH (noise, vibration, harshness) level, allowing the car to be both dynamic and comfortable.

Highlights of the bodyshell construction are:

- The Front Wall is currently the largest aluminium cast component made in large scale series production for vehicle bodywork.

- The main floorpan is a 3-layer shaped panel made from thin, aluminium extrusion-moulded hollow sections, welded together by friction stir welding.
- Many sheet metal parts are designed in such a way that for the first time they can be made from 100 percent recycled aluminium, saving 80 percent of the energy used in their production.
- The door sills consist of 1.7-metre long, 7-chamber extrusion-moulded aluminium sections, which provide rigidity in the lateral sectors and safety in the event of a collision.
- The tunnel is made of aluminium sheet metal with a reinforcement of varying thickness.
- Much of the body and componentry design were optimised bionically, in that they were based on examples from nature. These structures help reduce the vehicle weight compared to a classic design even further



Mercedes will slash the weight of its 2013 SL roadster by using a lightweight aluminium body

NALCO Christmas Closedown Dates

NALCO Aluminium Centre's - Closed from 23rd December to 16th January 2012

NALCO Extrusion Mill - Closed from 22nd December to 16th January 2012

Key Dates to ensure shipment prior to Christmas:

28 November - Last day for mill run extrusion orders -painted, anodised and semi-fabricated

05 December - Last day for mill run extrusion orders -mill finish

22 December - Last day for stocked product orders ex warehouse

Please Note: Please forward order from these dates to ensure receipt of delivery if required before Christmas. Mill orders with more than two processes will increase production lead times. Orders received after cut off dates will be dispatched after 16.01.12 and subject to standard production lead times. If you have any queries please contact Customer Services.

