

Aluminium Works

2 Oct 08

Aluminium Engineering Expertise from Holden Aluminium Technologies

Size matters

HAT wins contract to provide parts for one of the world's leading computer suppliers



Italmac Zeus 7000 five axis CNC machine with CNC Programmers, Mark Chamberlain and Phil Whitehouse

Holden Aluminium Technologies has recently won a major contract to provide machined aluminium components for one of the world's leading suppliers and manufacturers of main frame computers.

This high volume contract is estimated to be worth £500K per annum and will require the production of 50,000 parts per year. The components will form part of the door assembly fitted to a main frame computer enclosure.



Enclosure for main frame computer

The components consist of a 2 metre extrusion to produce a lock side section and a second 2 metre extrusion for the hinge side, both fitted to the door assembly. The choice of aluminium was made not only for its lightness and style but also its ability to incorporate a

hinge mechanism into the extrusion itself.

Richard Williams, HAT's Managing Director said, "In order to meet the exacting demands in both tolerance and finish, we will utilise the benefits of HAT's 7 meter 5 axis machining centre which will enable the component to be fully machined and cut to length in one operation.

"The need to minimise handling is also very important as the part has to have a high quality anodised finish. We will design and manufacture our own machine fixtures in-house, enabling use to maximise machine capability and ensuring the quality of the component."

Rittal CSM Ltd based in Plymouth awarded the contract to HAT on behalf of their client.

Nick Harris, Strategic Buyer at Rittal said,

"We awarded the contract to Holden Aluminium Technologies because we were very impressed with what we saw at their premises. They have a clear understanding of what is required to provide the parts to a high specification and the capability and the capacity to provide the goods on time."

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Accelerating to success

HAT is voted best supplier for second year in a row



Richard Williams and Jeremy Holden with Accelerate Award

For the second year in a row, Holden Aluminium Technologies was awarded Best Supplier in the West Mercia region and best Large SME at the prestigious Accelerate Manufacturing Awards which were held at the International Convention Centre in Birmingham. The Accelerate Awards honour companies involved in the automotive industry.

The awards capped off a year of victories for the firm which saw Holden produce component parts for the chassis of the Aston Martin DBR9 car that won the Le Mans 24 hour race for the Aston Martin Racing Team in 2007. The winning car was on display at the awards ceremony along with its driver, Darren Turner.

Breaking News...

HAT has been awarded a contract to supply component parts for a revolutionary new passenger seat for a major airline.

HAT has recently purchased a new high specification CMM measuring machine which will allow an inspection process of component parts of up to 3 metres. The machine was purchased with the assistance of a grant awarded to HAT by Accelerate, part of Birmingham Chamber of Commerce.

HAT has recently redesigned its website. For all the latest news, list of services and client testimonials, visit www.holdenaluminium.com

Holden Aluminium Technologies continues to make the grade

HAT has recently been awarded the environmental standard, ISO 14001. Led by our Quality Manager Dean Lewis, the firm implemented a number of initiatives to achieve the award. ISO 14001 sets out the method for implementing an effective Environmental Management System which enables an organisation to reduce its environmental impact whilst reducing costs. At a time when businesses are looking to provide environmentally sound products and services, this standard offers answers.

According to Mr Lewis,

"Everybody at HAT worked together to implement the changes. We have sound systems in place for the removal of waste from the site and we now recycle a lot more. Everything from paper, packaging, shrink wrap and coffee cups find their way into specific recycling bins. We also recycle our raw materials such as off cuts of aluminium. To achieve the standard we also spruced up the inside and outside of the buildings. Not only do these changes help to create a better and safer working environment for all, they also help to reduce wastage and ultimately our costs."

HAT holds a number of other Quality Standards including ISO 9001-2000 Richard Williams, Managing Director said,



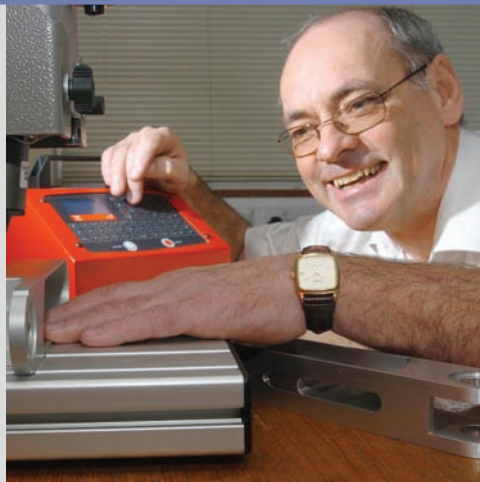
Front row; Left to right Debbie Horner, Rose Hornsby, Fidel Rippl, Steve Horner and Dean Lewis Quality Manager (Holding certificate)

"These standards help to give our customers the reassurance that they need when they are working with us. High quality and service are the guiding principles for everything that we do at HAT."

Meet Steve Spragg HAT's Technical Sales Manager

In each of the forthcoming editions of Aluminum Works we will be introducing some of our team members to you.

Steve Spragg is HAT's Technical Sales Manager. He is your first port of call when you place an enquiry with HAT. With his 28 years of experience in the aluminum industry he will be able to discuss any customer requirement in great detail. With his technical expertise in forming and machining of aluminum extrusions, he will be able to offer advice on section design in order to achieve the best possible solution of cost and formability of the section. Steve's engineering background and innovative ideas have enabled HAT to develop technical tooling



Steve Spragg, Technical Sales Manager

and machinery to form aluminum extrusion into the various shapes to meet customer requirements.

Having run his own business in the past, he not only has experience in engineering and sales but fully understands the need for competitive cost solutions.

Group Lotus plc acquires Holden Lightweight Structures Limited

A strategic decision was made in the summer to sell Holden Lightweight Structures Limited based at Worcester to one of HAT's major clients, Group Lotus plc.

Lotus Lightweight Structures, which employs 120 skilled engineers, technicians and sales staff, will continue to manufacture light weight aluminum and composite structures and components for its extensive client base as well as growing its business globally through the company's association with Group Lotus plc.

Mike Kimberley, Chief Executive of Group Lotus plc, "I am delighted to announce the creation of Lotus Lightweight Structures following the strategic acquisition of Holden Lightweight Structures Limited. With this facility, we will continue to expand and lead the world in lightweight vehicle research, development and production to help our global client base find ways to reduce the weight and cost from their vehicles".

Holden Aluminum Technologies will continue to supply aluminum extrusion formed component parts to the new Lotus Company as well supplying parts for other chassis built at the plant.



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We have helped a number of companies in the following sectors:

■ Aerospace ■ Automotive ■ Construction ■ Furniture ■ General Transport (including boats, caravans, planes and trains) ■ General Engineering (providing parts for many products across a range of industries) ■ Medical/Mobility