



BOSCH

Invented for life

CASE STUDY

In 2011, Bosch celebrates 125 years, during which time the Bosch Group has become a leading global supplier of technologies and services across automotive and industrial technology, consumer goods and building technology. With its history of innovation, driven by research and development, Bosch has remained at the forefront of new technologies designed to improve customers' lives. Founded in Stuttgart, Germany by Robert Bosch as a "workshop for precision mechanics and electrical engineering", the first overseas subsidiary was opened in the UK in 1898, just off Oxford Street in London.



■ FLT access in Warehouse 2 with Traffic +



■ Warehouse 1



■ Protecting workstation in Warehouse 1 with Double rail Traffic Barrier

It is with pride that A-Safe, the safety barrier specialists based in Halifax, England, has been identified and chosen to enhance Bosch's impressive safety record in caring and protecting their staff in the warehouses at the UK head office based in Denham, Buckinghamshire, home to the Power Tools

Appliances, produces highly-efficient home appliances. The Stowmarket operation manufactures lawn mowers and houses the marketing and sales operation for the complete lawn and garden product range.

barrier products. There are various options to choose from, depending on the client's ultimate safety requirements. In this case, 3.5 metres of Pedestrian Barrier was installed to protect and segregate staff from a truck way.

We have had no reported instances of serious impact damage and no work has been required on the barriers. We are pleased knowing that the barriers are doing their job. We do have a good record with truck damage. There is nothing for us to do in terms of fixing, just no issues.



Robin Hart, Warehouse Manager

Bosch Rexroth, based in St. Neots in Cambridgeshire and Glenrothes in Scotland, is part of the industrial technology division and offers drive, control and motion technologies. These include the gearboxes for wind turbines, which generate clean, renewable energy.

So impressed were the managers with that initial trial that substantial amounts of further Pedestrian barriers and Traffic Barriers have been installed throughout both warehouses. Robin went on to recall: "Ongoing feedback from staff and site engineers suggested in changing away from metal 'armco' barriers, as staff were sustaining injuries from sharp edges and after impact, sections of barrier needed constant replacing with associated damage to the floors needing fixing as well, because of the rigidity of the structure".

division, Automotive Aftermarket, Original Equipment Divisions and Bosch Security Systems.

Bosch in the UK employs over 4,500 people in over 37 locations. Some of the larger sites include Worcester, under the Worcester Bosch brand; Bosch Thermotechnology manufactures heating and hot water solutions, including energy-saving condensing boilers.

In Milton Keynes, a 50 percent joint venture with Siemens, Bosch Siemens Home

In Denham, the two principle warehouses are run by their respective managers, Robin Hart and Jon Greville, who collectively are responsible for the logistics of safety in safeguarding staff and vehicles from accidents and injury. They work as a team for all safety projects, ably assisted by floor supervisors who also report back regularly on the risk assessment process.

From the installation of the A-Safe barriers Robin further reported that: "We have had no reported instances of serious impact damage and no work has been required on the barriers. We can see scuff and scrape marks which shows there has been contact, but we are pleased knowing that the barriers are doing their job. We do have a good record with truck damage. There is nothing for us to do in terms of fixing, just no issues" Jon was equally enthusiastic: "It is important to segregate pedestrian flow from truck ways and A-Safe is ideal because it has very visible definition and its distinctive yellow and black colour stands out.

Jon explained that: "We were alerted to A-Safe barriers through a colleague, Logistics Director, Nick Wilson, who had noticed the barriers elsewhere and was impressed by its good looks and performance".

In contacting the A-Safe factory Bosch were able to take advantage of A-Safe's offer of a free-of-charge installation service available to all customers and clients, such is the confidence in both the performance and sustainability in its extensive range of safety

"We are also pleased with the ease in which



Protecting People



Property



Profits



and the environment



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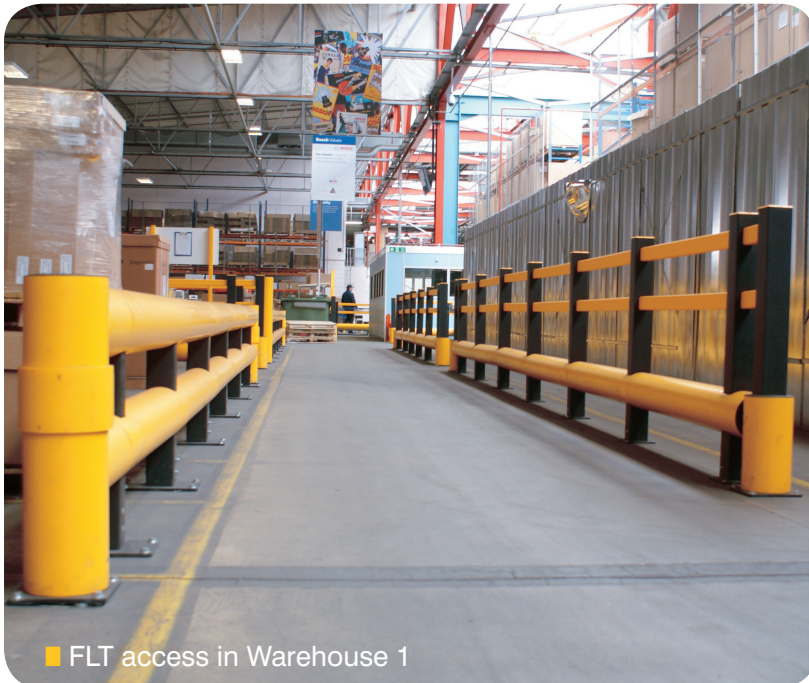
to fix display signage panels, A-Safe signs fit easily, being neat and tidy and the whole is very cost effective”

Being such an innovative and unique product, the real secret of A-Safe’s success lies in the polymer-based material that all the products in the range are made from.

repairs, both to the barrier and to the vehicle itself.

As part of Bosch’s commitment to efficiency, they have introduced a new project based on the Bosch BPS model, using the principles of their ‘Lean’ programme that Bosch has called

a conclusion Robin pointed out: “We have a lot of visitors to the site from both sister Bosch sites and visiting clients of their own. Everyone comments favourably about the safety systems they see everywhere in the warehouses and they visibly stand out. We are pleased”



■ FLT access in Warehouse 1



■ Warehouse 1 Special Signs fixed to Pedestrian Barrier

Unlike steel, which simply dents or crumples when a vehicle hits it, an A-Safe barrier has inherent strength and structural memory allowing them to buckle on collision, dissipating impact forces and

‘Warehouse Excellence’. This has been designed to take waste out of the system, setting standards to regularly carry out works to increase efficiency. The Denham warehouses are the first in Europe to introduce training and development for the staff in the programme. Instrumental are the safety aspects, of which A-Safe plays its part in minimising the costs of personal injury to valued staff and damage to both vehicles and structure. Display signs are an important feature and A-Safe’s ability to be versatile and interchangeable and with ease of installation, means that any area can be identified and designated with ease. A-Safe is committed to a philosophy of offering the highest level of personal customer service in regard to safety protection. Every client is treated to solution-based consultation, advice, CAD design and application. Every job is tailor made to suit the discerning customer’s needs down to the last detail. If there is no ready product to hand, A-Safe and their clever design team will invent a new one. Indeed, Bosch has future needs to include gates, in two specific areas, that are not featured in the catalogue. A-Safe will re-visit the site design, devise and implement a satisfactory solution to their individual issue.

The highly distinctive look of the A-Safe barrier system does not go unnoticed. As

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Jon Greville, Warehouse Manager


then springing back to the original state. There is the added bonus of little floor damage when impacted. Naturally, this greatly reduces the need for damage

Traffic Management



- As far as possible avoid reversing. But when this is unavoidable make sure you have effective systems in place to control it.

HSE


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- Bosch is committed to staff safety and sees A-Safe as the barrier of choice in replacing outmoded steel
- Bosch wants to ensure they retain their impressive safety record
- A-Safe is used extensively in Warehouse 1 & 2 at Denham with a mixture of Pedestrian and Traffic barriers to effectively segregate and protect their staff
- A-Safe barrier systems are regarded by Bosch as being very cost effective and sustainable, incurring minimal maintenance costs
- A-Safe meets Bosch’s requirements for their ‘Lean’ programme and ‘Warehouse Excellence’



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