

Massive saving to be made...

Paragon AG, one of the worlds' leading makers of automotive controls has developed **Forneon**, a system that has revolutionised lighting in Europe and is now available in the UK

It is well known that the T8 fluorescent lamp will save 22% energy compared to its predecessor and this has led to its general usage in both industrial and commercial lighting. However a 58Watt T8 tube will consume 69W-72W if used in conjunction with the old ballast. Forneon adapters now allow the use of T5 tubes, which further reduce energy costs by 45% to 55% and since life expectancy is twice that of T8, maintenance costs are also greatly reduced. The



adapters simply fit over the ends of the T5 tube, extending the length and allowing it to replace the T8 in any system. Forneon adapters are electronic ballast, which short-circuit the traditional choke and ballast that use the 14% additional energy supply. The familiar starter is redundant, so

a circuit jumper is provided in the kit. Such is the efficiency of the unit that less heat is generated, making it suitable for further cost reductions in cold or cool environments. The conversion takes only a few minutes, a store with 240 units took eight hours to complete, and there was no need to close the premises or disrupt the business. LicTec, the company which markets the system for Paragon worldwide, will provide a total service or work with the customers own facilities management team.

In terms of carbon emissions, the German authorities use the following calculation for say, one office floor or a typical store based on 0.626 kg Co2 per kW. 100 T8 lights with 3600 hours per year and using old ballast with 58W tube using 72W of energy. 100 T5 lights with 3600 hours per year and using Forneon electronic ballast, 35W tube with reflector. The difference is 13,320kW x 0.626 kg = 8338.32 kg Co2 per year. Over 8 tonnes of carbon a year saved from an office floor or your local supermarket.

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Industry lines up for smart new Wheelabrator range

Surface preparation and finishing equipment specialist **Wheelabrator Group** is hoping to blast away the competition by launching a new range of economically priced, entry level machines.

The SmartLine range, which offers the same high quality as established Wheelabrator Group products, features seven new machines including air, shot and suction blast technology.

Cohn Ward, UK marketing manager at Wheelabrator Group, said: "We've designed the SmartLine range in response to demand for competitively priced machines that perform basic blasting functions and don't compromise on quality. "As simple to use, no-nonsense products, SmartLine will make surface treatment technology accessible to all companies, irrespective of size or budget."

Included in the range, the SmartLine Roller Conveyor and Overhead Rail shot blast machines have the potential to be fully operational in just one day, and offer a quick turnaround with easy assembly and commissioning. Both are fitted with an exhaust air system, with integral dust collector, allowing installation without further ducting or special foundations.

The robust SmartLine Roller Conveyor machine features an automatic abrasive removal system and has four Eze-fit blast wheels to economically and effectively treat steel sheets and profiles in one pass. The Eco Air 1000 is a quick and efficient suction blast cabinet of steel construction with an ergonomically designed side door for easy loading. Completing the range are the SmartLine 12905 and 15145 suction fed and 1290P and 1514P pressure fed airblast cabinets. Wheelabrator Group owns, designs, manufactures and provides wheelblast, airblast and mass finishing equipment for surface preparation and cleaning, and serves a range of sectors, including the aerospace and automotive industries.

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Amarinth fuels its growth with new acquisition

Amarinth, a leading company specialising in the design, application and manufacture of pumps and associated equipment for use in the petrochemical and chemical markets, today announced a significant addition to its range of products with the acquisition of Protect System.

Protect System, a UK company based in Chinnor, specialises in high quality seal systems adapted to suit their customers specific needs. The products are designed and manufactured to PED 97/23/EC, which is the mandatory harmonisation of pressure equipment design throughout the EEC. Products meeting the essential requirements must bear the CE mark, which ensures they can be sold anywhere within the Community. In addition, all the products carry Lloyds Approval. During its 20 years in business, the company has refined solutions ranging from a basic thermosyphen vessel, to fully compliant Zone 1 vessels with inbuilt condition monitoring. Protect System sell around the world and have built a reputation for high quality products with a responsive and adaptable approach, something that differentiates them from many of the larger manufacturers.

Amarinth had always bought-in seal vessels for its range of API 610 pumps, but recognised that with ever-tightening industry regulations it made



good business sense to bring this in-house. Howard Lansley of Kinder-Janes Engineers Limited, an existing customer of both Amarith and Protect System, recognised the similarity in their approach: "Having dealt with both companies it seemed an ideal acquisition opportunity, so I called Amarith and suggested they investigate the opportunity further. We are very pleased to have acted as

the catalyst for this acquisition and hope to benefit ourselves by ensuring the continuity of supply we have come to rely on over the years."

The Protect System brand will be retained, but Amarith will take over responsibility for all future development, marketing and sales, allowing the products to benefit from the established in-house design skills and unique e-commerce facilities. Significant growth is planned, as in addition to designing for their own range of pumps, Amarith will continue to design vessels for the new customers that the acquisition of Protect System will deliver.

Gordon Blaber, the founder of Protect System and who will continue to act in a consultative capacity following the acquisition, commented: "I am very pleased to see Amarith taking over my business. They share many of the same values as my own company, specifically in customer focus and adaptability. Having developed a solid customer base over the past 20 years, I now look forward to seeing Amarith take this business to a whole new level."

Oliver Brigginschaw, Managing Director of Amarith, added: "The acquisition of Protect System makes huge sense for us and our customers. As Health and Safety legislation continues to tighten, more customers will be faced with considering double mechanical seal solutions where a single seal may have sufficed historically. With our existing capabilities we are able to develop the existing range and add new solutions to help our customers. The addition of this new product line will open up opportunities for us with new customers worldwide for both pumps and pressure vessels."



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