

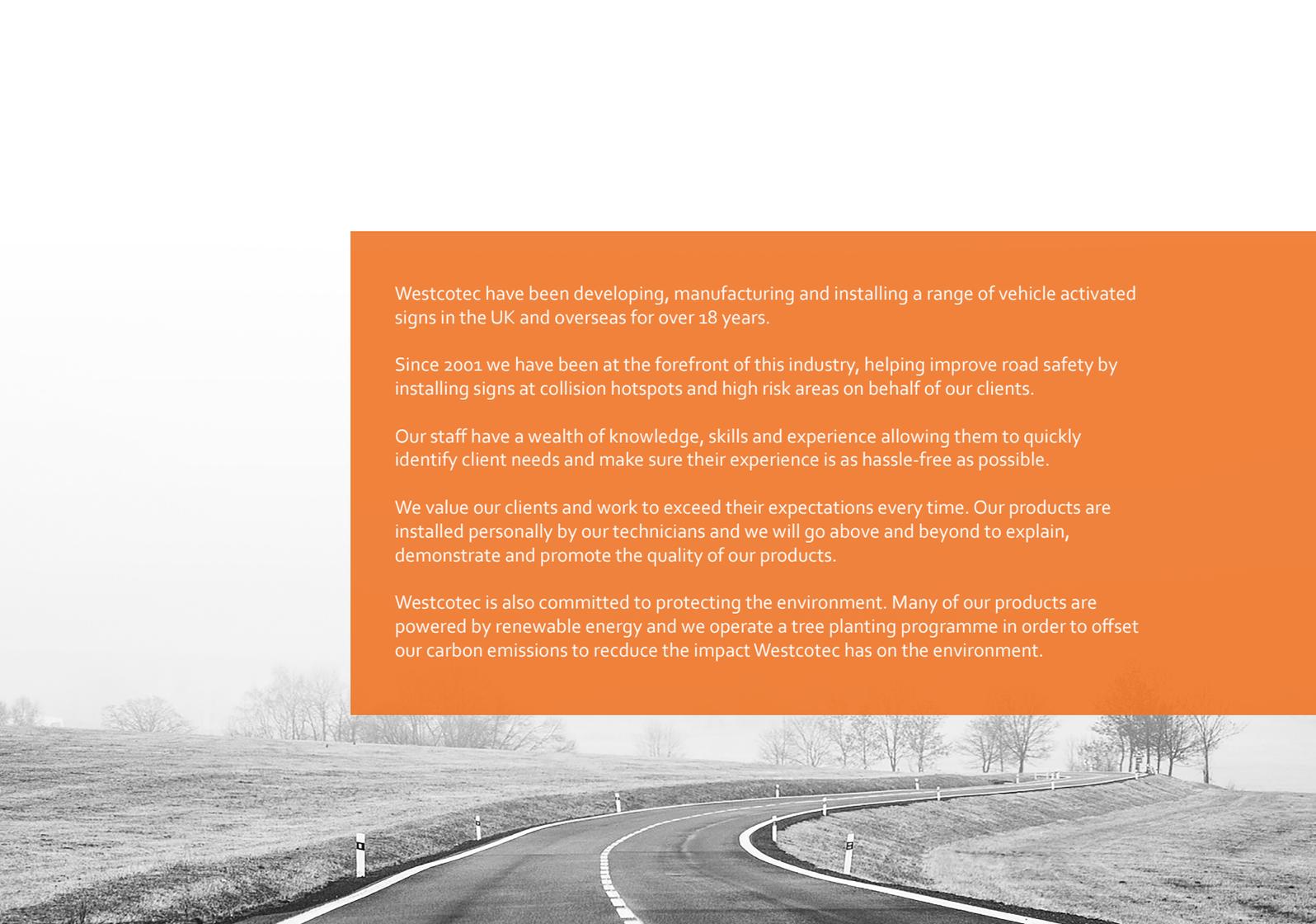


westcotec

Traffic Safety Systems



VEHICLE ACTIVATED SIGNS  
WARNING SPEED 40  
20 SLOW DOWN  
HAZARD SCHOOL SYSTEMS  
ICE WARNING 30  
SIDE SLOW DOWN  
INTELLIGENT SIGNS



Westcotec have been developing, manufacturing and installing a range of vehicle activated signs in the UK and overseas for over 18 years.

Since 2001 we have been at the forefront of this industry, helping improve road safety by installing signs at collision hotspots and high risk areas on behalf of our clients.

Our staff have a wealth of knowledge, skills and experience allowing them to quickly identify client needs and make sure their experience is as hassle-free as possible.

We value our clients and work to exceed their expectations every time. Our products are installed personally by our technicians and we will go above and beyond to explain, demonstrate and promote the quality of our products.

Westcotec is also committed to protecting the environment. Many of our products are powered by renewable energy and we operate a tree planting programme in order to offset our carbon emissions to reduce the impact Westcotec has on the environment.

# OUR PRODUCTS

Westcotec provide a range of products including fixed and portable signs and signals in bespoke and standard designs.

Our portable signs are battery powered and can be easily moved to different sites by one person. The flexibility these types of sign offer is beneficial in locations which suffer speeding problems in several areas, meaning signs can be easily deployed to target various hotspots.

Fixed radar activated signs can be installed onto a lamppost or similar street furniture, and powered by either a mains supply, battery, solar and/or wind energy.

Data collection systems can be added to most of our products. We manufacture more than 150 different signs or signals.

We specialise in creating bespoke products to address specific issues, so even if it's something we haven't manufactured before, these can be designed to suit your specification.

Contact [sales@westcotec.co.uk](mailto:sales@westcotec.co.uk) for further information.



DESIGNED AND  
MANUFACTURED  
IN THE UK



# SPEED SIGNS

Westcotec's range of signs have been proven to reduce vehicle speeds.

The sign only activates when a speeding vehicle is detected. Our signs are lightweight, making it possible to fit them unobtrusively into the most sensitive of areas.

They can be easily fitted to existing street light columns. The light sensor adjusts to ambient light levels, reducing output at night to maintain contrast, cutting out unwanted light pollution – a major nuisance to residents.





# SPEED INDICATOR DEVICE (SID)

SIDs accurately measure the oncoming vehicles speed and displays this value to the driver. A number of variations are available, including portable versions that can be carried and installed on different sites by a single person. The sign face itself can also display a number of different messages along with the speed.

SIDs are cost effective compared with road humps, chicanes and other expensive measures. They pose no problem for emergency vehicles, whilst noise and nuisance are totally absent.

Transport for London Street Management's Report on the Effectiveness of SIDS Reducing Vehicle Speeds concluded that SIDs are effective at reducing speeds, up to 200 metres downstream of the sign and a collision reduction of 5.6%.

This report also found that an efficient method of operating SIDs was to rotate them around several sites.

The display of our SID can be switched off to collect data without displaying any message to vehicles. After a set period, the display can be turned on in order to view the speed comparison and effectiveness before and after installation.

# WARNING SIGNS

At Westcotec, we pride ourselves on the quality of our signs and innovative systems to warn motorists of the hazards ahead in time to react safely.

All hazard warning signs within the TSRGD are covered, from sharp bend warnings to animals in the road. Westcotec is able to provide cost-effective solutions to each and every situation.

We also take pride in being able to provide uniquely designed signs specifically engineered to meet the needs of our customers.

Our team will work with you to produce bespoke solutions to include any combination or style you require.

Signs can be activated by speed, weather conditions, height sensors, and can be triggered from a large variety of external sources, with a growing range currently in development.

Collision Avoidance Systems using thermal detection cameras are one of the most effective and inexpensive ways to reduce the most common types of incident at cross roads and junctions. We have numerous case studies showing how collisions have been eradicated since installation of this type of system.





Equine  
Hospital

SLOW  
DOWN

# SCHOOL SYSTEMS

Westcotec school signs incorporate a Bluetooth programmable timeclock to enable the signface when children are arriving at and departing from school. Holidays can also be time programmed to disable the signface for the desired period. The programming can be carried out by either a windows PC or an Andriod device.

Dual speed school signs are most commonly installed to reduce the speed limit part time during school periods. For example, an advisory reduced speed limit together with a children crossing warning triangle can be displayed to oncoming vehicles during school times. When out of school times, over speed vehicles will set off a speed warning roundel.

A range of full LED and reflective school sign options are available.



## VEHICLE, CYCLE AND PEDESTRIAN DETECTION

Intelligent systems are available for specific sites which require warning signs to activate under certain scenarios.

Collision Avoidance Systems can detect vehicles at certain points, such as at the give way line before pulling out onto the main road and turn in lanes to side roads. Thermal camera detection is most commonly used, as a 'virtual loop' can be drawn onto the road surface. As soon as a vehicle enters this zone, a warning sign will activate to advise oncoming motorists of vehicles ahead that are either entering or turning across their lane ahead.

Pedestrian and cycle warning systems can also be deployed using thermal cameras, however inductive loops and radars can also be used depending on requirements.

## COMPLETE 'ABOVE GROUND' INSTALLATIONS

Westcotec are able to provide intelligent systems with minimal civils work needing to be completed prior to installation. Above ground detection eliminates the need to dig up the road surface, which combined with radio communications and solar power, provides a duct free, no dig solution.



**AUTOMATIC NUMBERPLATE RECOGNITION  
(ANPR)**



# MOBILE PHONE WARNING SYSTEM

## SPECIAL PROJECTS

Westcotec produce more than just vehicle activated signs. These signs can be activated by weather conditions, height sensors or a large variety of external sources, with a growing range currently in development. With the design of new products, we hope that our market will expand.

We have a proven track record producing innovative designs and state of the art systems, keeping ourselves one step ahead of the competition. Our declared aim is to bring the technology of the future, to today's roads. In depth discussions with clients on their specific requirements has enabled Westcotec to gain the most comprehensive experience with road safety systems in England.

## WE CAN DESIGN AND MANUFACTURE YOUR IDEAS

Our signs have been engineered in such a way that each one is principally the same. This is why our design team are able to create signs which have never been made before in remarkable time. For instance, changing the language of a sign for any country.



## WESTCOTEC AND THE ENVIRONMENT

We work to protect the environment by providing energy efficient products and offsetting our carbon footprint through a tree planting programme.

Our environmental policy ensures we operate within regulations and codes of practice, which sets a minimum standard for environmental practices.

As a major producer of road signs, we benefit the environment by helping improve traffic management, reducing speed and raising levels of road safety.

However, we realise our operations and travel will impact the environment and we aim to offset this in a number of ways:

- Encouraging use of and development of energy efficient technology
- Improve recycling and reduce waste to landfill
- Invest in low-carbon emission vehicles in our fleet
- Ensure premises operates as energy efficient as possible
- Invest in low-energy IT equipment

# HIGHWAY ELECTRICAL ACADEMY

## APPROVED TRAINING

Since 2010, Westcotec has been a Highway Electrical Association (HEA) approved training organisation. We are able to offer a variety of training courses on site at our Dereham base with an approved trainer.

Courses Include

- G-39
- 302.1
- Manual Handling
- Working at Height with Steps and Ladders
- Safe Isolation
- On site safety

& Many More - Please contact us for further details.



# CONTACT US

Need help or further information about our products? Please contact us by phone and our experienced team will be happy to provide free advice.

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# LEADERS IN VEHICLE ACTIVATED SIGNS

Westcotec Ltd  
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Westcotec products exceed all of the latest legislation for use on and off the highway.

Some of these certifications are a legal requirement.