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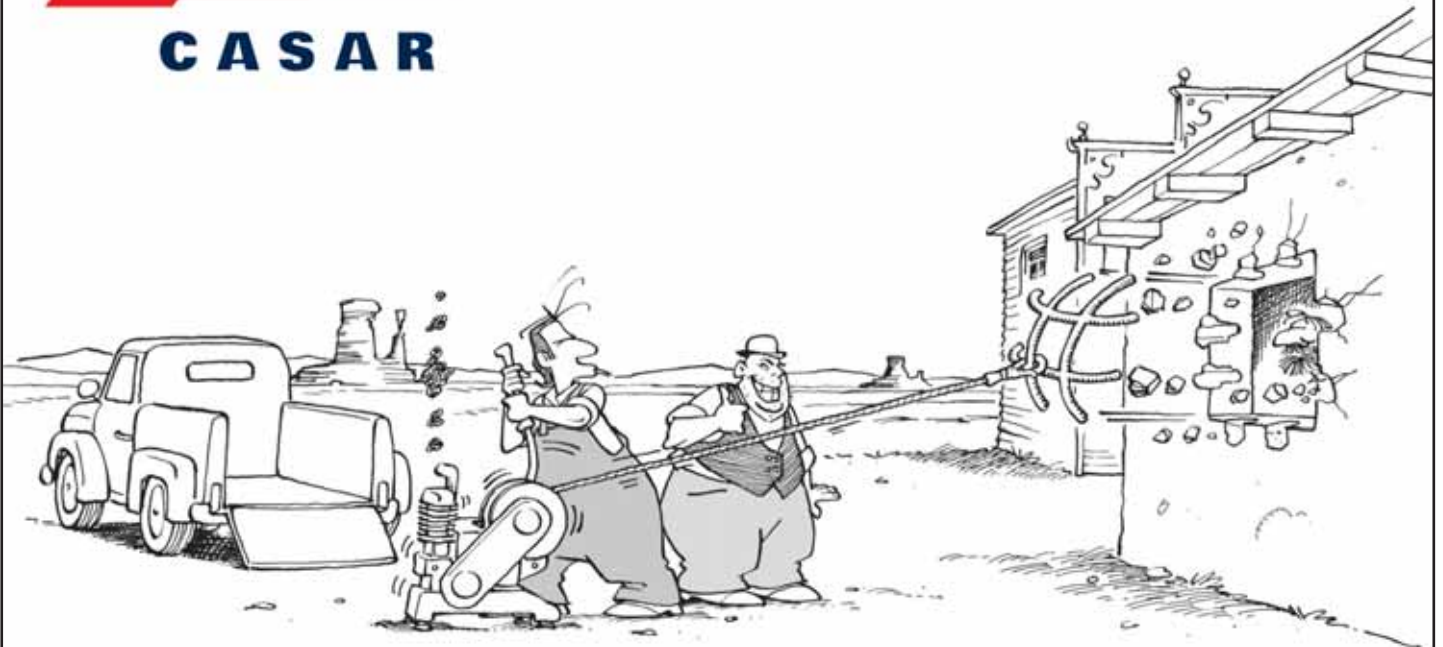


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LED beacons

E2S, one of Europe's leading manufacturers of warning sounders and beacons, has developed a new range of beacon lights. Designated the Spectra range, the new beacons are available in three sizes and six lens colours with a choice of static, flashing filament, Xenon strobe, rotating or LED versions.

The LED beacon offers a longer operational life with lower costs than a traditional filament lamp, particularly important for continuous use or where access or

maintenance is a challenge. The low voltage DC LED has a choice of nine user-selectable modes giving continuous, flashing, rotating, double strike and alternate side flash modes; up to three stages of alarm can be selected through the appropriate wiring connections. All units have a choice of cable entries for ease of wiring. Manufactured from UV stabilised polycarbonate, Spectra beacons will not fade when exposed to direct sunlight and are protected to IP65, making them suitable for outdoor and mobile applications.



New stainless transducers

Magtrol, the Swiss-based specialist in force measurement has introduced a new range of load measuring sensors. The all stainless steel cable-tension strain gauge type sensor SK-02, has been designed for quick installation without any mechanical modification to an existing installation. It can handle cables with a diameter from eight to 22 mm. The stainless steel ZL-03 traction type sensor simply measures the weight of suspended loads. The new sensor is designed to withstand long-term dynamic loadings, as well as cope with hostile environments. It is available in a range of sizes from 10 to 100 kN and offers a large overload capacity and a high level of precision.



The new Magtrol ZL-03 (left) and SK-02 stainless steel sensors.

Sobriety guaranteed

The Alcolock 500 is an in-cab alcohol immobiliser system that helps ensure that only a sober driver/operator can use the vehicle, whether it be a truck, crane, aerial lift or telehandler. The device uses a hand-held breathalyser with a wireless system to automatically prevent the engine from starting if it detects a pre-determined level of alcohol in the driver's system.

The operator must blow into a hand held device prior to starting the vehicle or machine, a time delay (normally 30 minutes) can be adjusted to suit the application, with stops and restarts allowed within a preset time, avoiding the need to repeatedly blow into the device when short burst of intermittent use.

The mouthpiece is removable and a reset button allows for switching between multiple drivers, while an override switch can be provided in case of an emergency.

The level of alcohol allowed can be preset to suit a company's policy from zero upwards. Each time a sample is taken it records the date, time and level of alcohol by breath. The system stores up to 4,000 samples, which can be

downloaded directly onto a PC at any time. It also has the capability via a GSM module to send the same information back to your operations department to provide immediate and up to date information.

The system which can be retrofitted to almost any vehicle, has been developed and manufactured by PFK Electronics in South Africa and Lion Laboratories in the UK. Some 7,000 units are said to be in daily use in Europe. In the UK Coopers, a company managing a fleet of over 100 refuse trucks has just fitted all of its trucks with the device.



The Alcolock 500



The operator simply blows into the hand-set before starting the vehicle.]]

enquiries →

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