

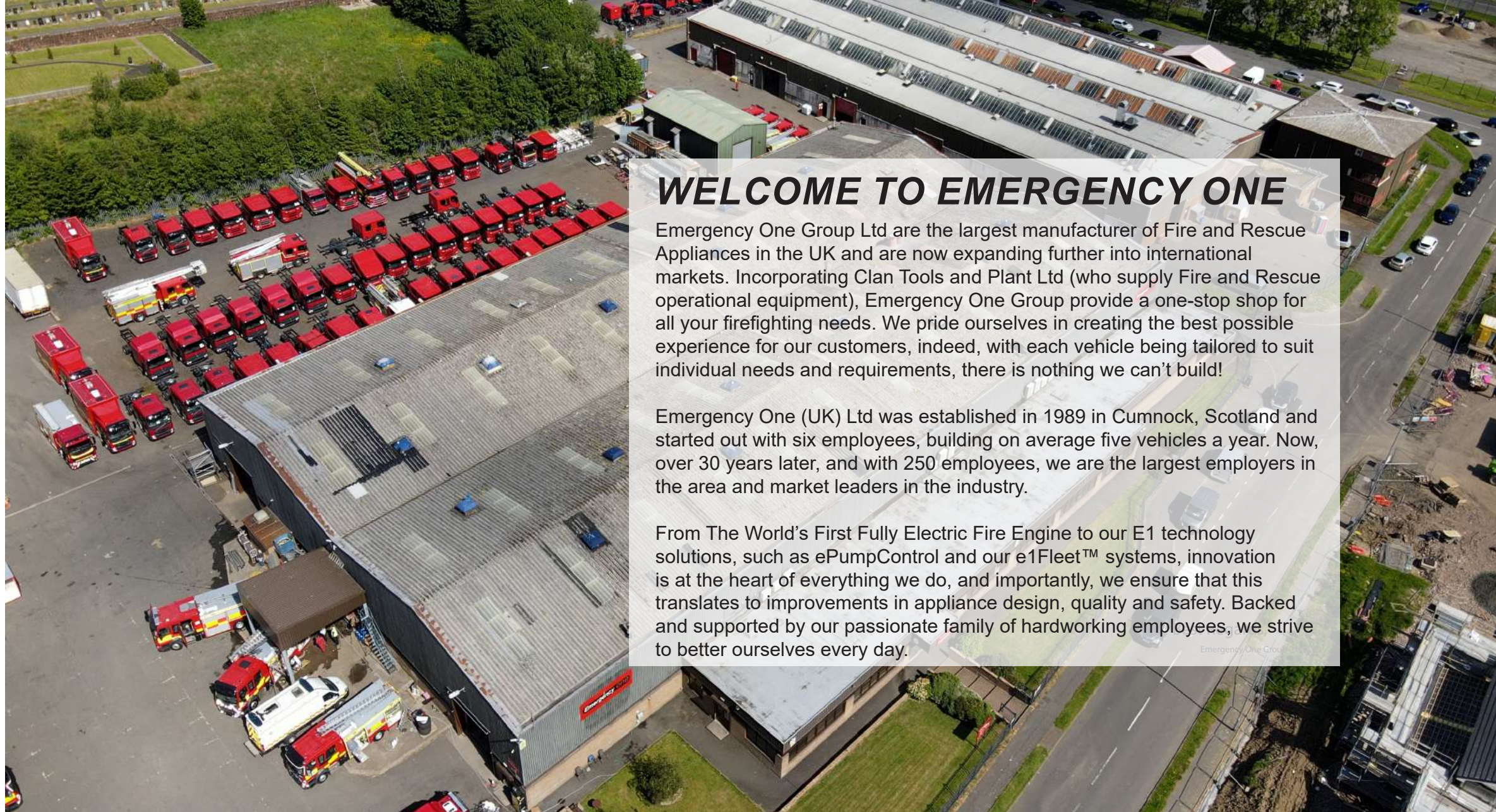
Emergency one



**Emergency One (UK) Ltd.
Company Brochure**

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WELCOME TO EMERGENCY ONE

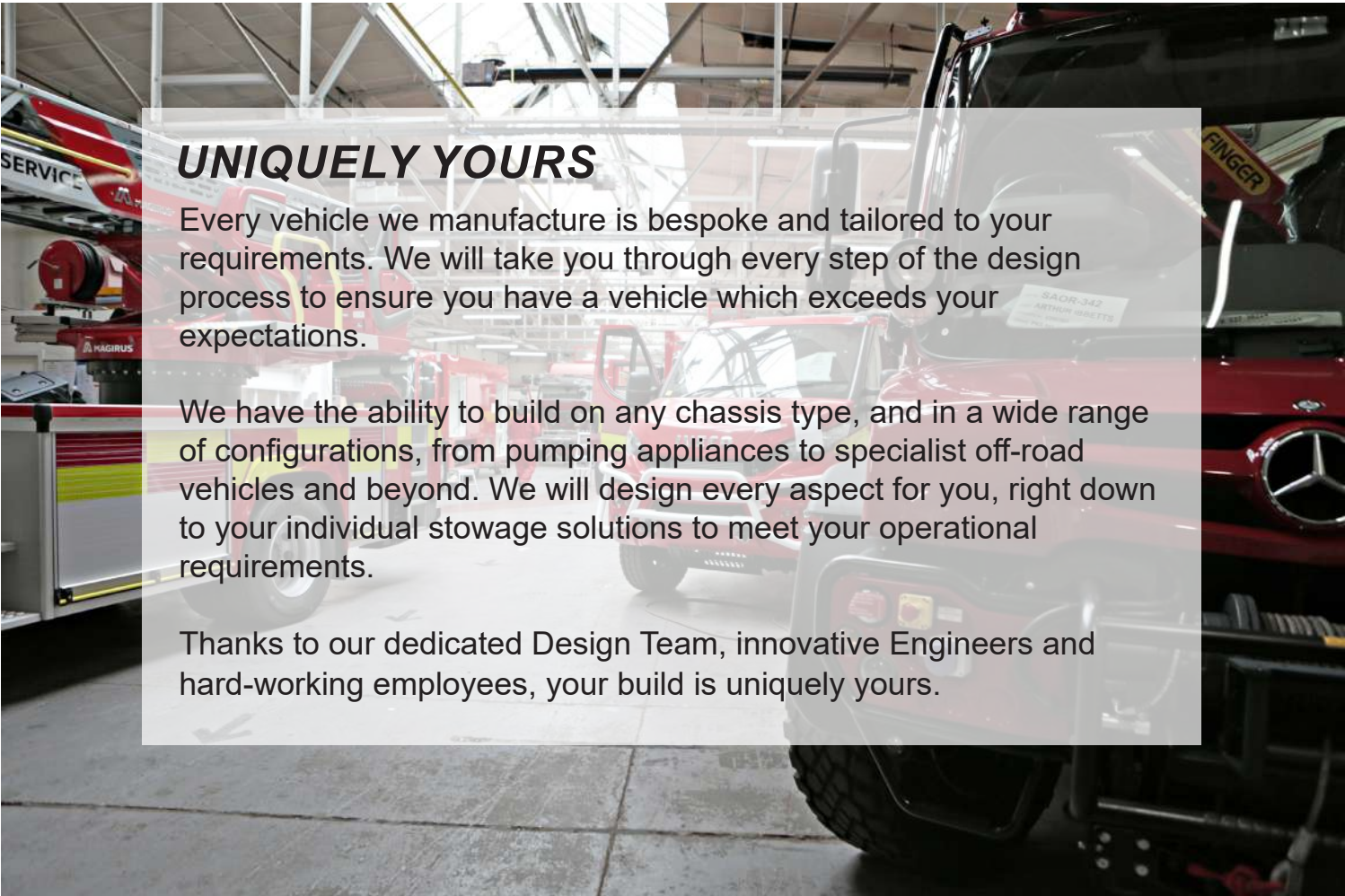
Emergency One Group Ltd are the largest manufacturer of Fire and Rescue Appliances in the UK and are now expanding further into international markets. Incorporating Clan Tools and Plant Ltd (who supply Fire and Rescue operational equipment), Emergency One Group provide a one-stop shop for all your firefighting needs. We pride ourselves in creating the best possible experience for our customers, indeed, with each vehicle being tailored to suit individual needs and requirements, there is nothing we can't build!

Emergency One (UK) Ltd was established in 1989 in Cumnock, Scotland and started out with six employees, building on average five vehicles a year. Now, over 30 years later, and with 250 employees, we are the largest employers in the area and market leaders in the industry.

From The World's First Fully Electric Fire Engine to our E1 technology solutions, such as ePumpControl and our e1Fleet™ systems, innovation is at the heart of everything we do, and importantly, we ensure that this translates to improvements in appliance design, quality and safety. Backed and supported by our passionate family of hardworking employees, we strive to better ourselves every day.

Emergency One Group

WHAT WE DO.



UNIQUELY YOURS

Every vehicle we manufacture is bespoke and tailored to your requirements. We will take you through every step of the design process to ensure you have a vehicle which exceeds your expectations.

We have the ability to build on any chassis type, and in a wide range of configurations, from pumping appliances to specialist off-road vehicles and beyond. We will design every aspect for you, right down to your individual stowage solutions to meet your operational requirements.

Thanks to our dedicated Design Team, innovative Engineers and hard-working employees, your build is uniquely yours.

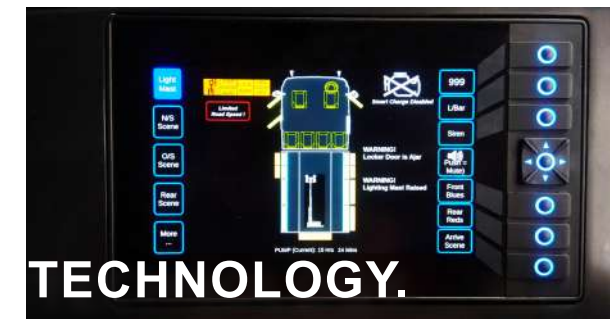
CUSTOMISE YOUR BUILD.



CHASSIS.



STOWAGE.



TECHNOLOGY.



LIGHT APPLIANCES

We have developed and engineered over the years several small, compact, and light vehicle solutions. Each has been designed with our customers and the end users in mind. Ranging from small support vehicles for water rescue, workshops etc. To small fire appliances with water tanks, PTO driven pumps and a compliment of rescue equipment. Each bespoke in their own right and customisable to your requirements. All built to BS EN1846 or NFPA Standards.



LIGHT APPLIANCES



RURAL RESPONSE UNIT WITH E1 NEBULA ECO



IVECO DAILY 4 X 4 OFF-ROAD RV



5t SPRINTER



4 X 4 ALL TERRAIN

MEDIUM APPLIANCES

The traditional Medium Pumping Appliance, the most popular in the UK. All built to BS EN1846 or NFPA Standards.

Ranging from the smaller 7t chassis to 16t variants. These are built to exact end user requirements. With a dedicated team we will work with you to ensure we have the right vehicle and chassis to meet your requirements. Ideal for customers looking for larger water or equipment capacities than the light vehicle range.



MEDIUM APPLIANCES



MERCEDES PUMPING APPLIANCE



IVECO PUMPING APPLIANCE



VOLVO PUMPING APPLIANCE



DAF PUMPING APPLIANCE

SUPER APPLIANCES

The larger traditional Pumping Appliance, also popular in the UK. All built to BS EN1846 or NFPA Standards.

16t+ variants. These are built to exact end user requirements. With a dedicated team we will work with you to ensure we have the right vehicle and chassis to meet your requirements. For customers looking for larger water or equipment capacities than the medium vehicle range these are ideal.



SUPER APPLIANCES



MAN PUMPING APPLIANCE



SCANIA PUMPING APPLIANCE



VOLVO PUMPING APPLIANCE



MAN PUMPING APPLIANCE

SPECIALIST APPLIANCES

These vehicles are out with the norm! Working closely with our designers we will help make the impossible, possible. From Specialist Firefighting Vehicles, Water Bowser's to Off-Road Vehicles and beyond. Our bespoke build process can manufacture your one of a kind solution.



SPECIALIST APPLIANCES



E1 SCORPION™



DECONTAMINATION UNIT



TIMBER UNIT



FAT TRUCK

SPECIALIST APPLIANCES



UNIMOG



FOAM TENDER



WATER CARRIER



INCIDENT SUPPORT

SPECIALIST APPLIANCES



INCIDENT COMMAND UNIT



E1 ATOM™



E1 MIV-E



FLAT BED

THE E1 EVO™

Emergency One have long been committed to positively contributing to a Low Carbon Economy. We recognise that our Fire & Rescue Service customers, whether in the UK or worldwide, require to reduce their appliance fleet emissions and carbon footprint. With this in mind, our engineers were tasked with designing a low-emission fire appliance – but with some strict criteria imposed, namely; We did not want to produce a Hybrid vehicle, nor a concept truck, or one with limited range and operational performance, but rather we aimed to produce a next-generation solution that builds on the current features of today's diesel-fueled fire appliances, whilst also including many new and innovative features designed to improve firefighter (and public) safety. In other words, a low emission fire and rescue vehicle that exceeds the current appliance specification.



THE E1 EVO™



THE E1 SCORPION™

The E1 Scorpion is equipped with a 16 or 20m High Reach Extendable Turret (HRET) system, manufactured to meet the requirements of BS EN 1846, BS EN1777 and NFPA1901, and all designed and manufactured in the UK. Featuring the (optional) best in class, proportionally controlled “Fire-Spike” piercing lance system, the system can be delivered with up to 360 degree rotation. Water and Foam delivery is available via the boom-mounted high flow monitor (up to 6,000lpm), or via “Fire-Spike” (at 1,000lpm). Various options are available such as CCTV , inclusive of Zoom and Thermal Imaging capabilities, and our “ePump RC” remote control system (facilitating full wireless control of the HRET and all Pumping Systems). The Scorpion solution can also be fitted on ANY compliant chassis to ensure a seamless integration into your fleet.



THE E1 SCORPION™



THE E1 MANTICORE™

The E1 Manticore™ range of appliances are the latest vehicle type available from Emergency One. Designed and manufactured for airport and industrial use, the ARFF appliances are available in 4x4, 6x6 and 8x8 configurations, all of which are manufactured to meet the requirements of NFPA 414 and the relevant ICAO standards for the vehicle size and type. The E1 Manticore™ range is available with a roof turret or with a full High Reach Extendable Turret (HRET) packaging in either 16m or 20m iterations. The Scania DC16 power-plants propelling the E1 Manticore™ ensure that the vehicle type is one of the fastest in its class and is available in several Euro Emissions Standards to meet our customers' requirements globally. The E1 Manticore™ is also available with the E1 EV0™ technology coupling it with the Scania DC16 power-plant in a hybrid parallel drive solution, producing over 1000bhp. The 6x6 E1 Manticore™, being the most popular size, is armed with an 12,500 litre water tank, 1,500 litre foam tank, an 8,000 litre per minute water pump which feeds a 6,000 litre per minute joystick-controlled roof monitor as well as a 2,000 litre per minute bumper monitor. The vehicle locker and cab layouts are completely configurable to meet the end users' requirements.

E1 MANTICORE



THE E1 MANTICORE™



THE E1 MIVe™

The E1 MIVe™ represents Emergency One's innovative solution for an ultra-lightweight appliance specifically tailored for commercial and industrial sectors. With its lightweight design, N1 road homologation, and a 350-litre water tank complemented by a 20-litre foam tank, the E1 MIVe™ offers a powerful firefighting solution in a compact form. Its adaptability shines as it seamlessly operates in spaces where a full-sized appliance might encounter challenges. Available in Fire Buggy, Rescue Buggy, or fully customised configurations based on your specific needs and requirements. The 100% electric chassis ensures zero emissions, aligning with eco-conscious practices. With a robust payload capacity of 900kg, this lightweight appliance not only exhibits agility but also efficiency. Furthermore, the option to equip the E1 Nebula Ultra High-Pressure System enhances its firefighting capabilities, making the E1 MIVe™ a versatile and powerful solution for emergency responders.



THE E1 MIVE™



ALP & TTL LADDERS

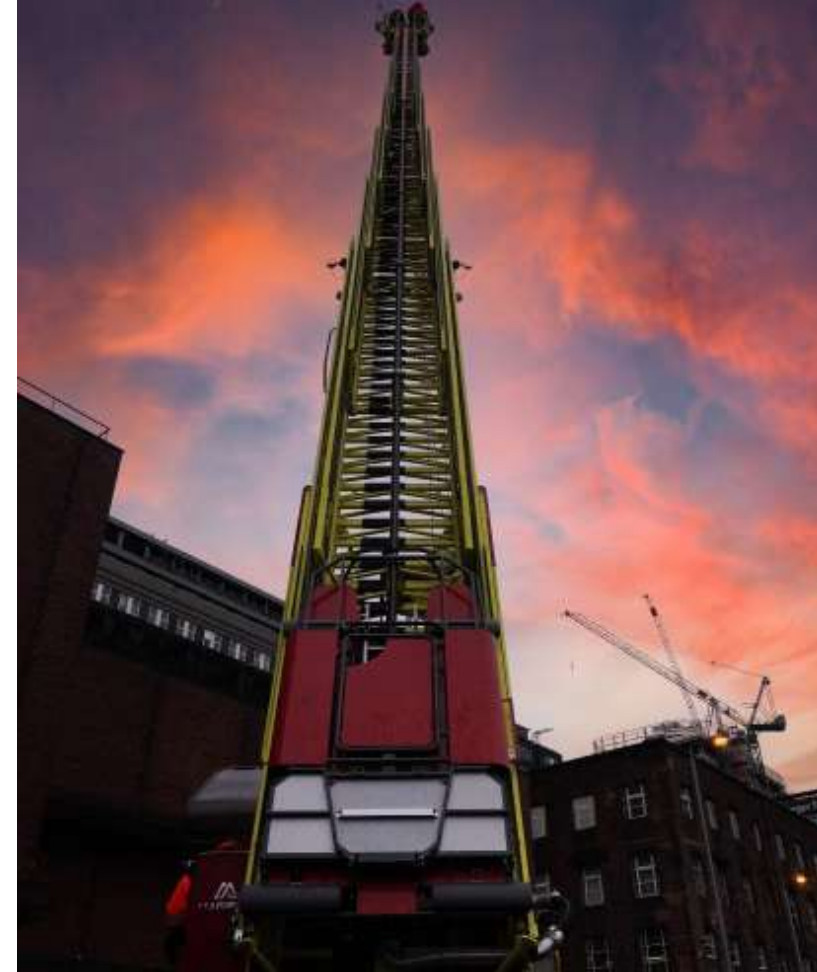
We are able to supply a variety of Aerial Ladder Platforms (ALP) from our own in house range, the E1 Simon™.

The E1 Simon™ can be produced on any chassis type and is fully EN1777 certified. Available in a range of sizes from 32m - 60m and manufactured to a bespoke final finish to meet your operational requirements, helping you reach new heights!

We are also delighted to be partners with Magirus GmbH to offer a wide scope of Turntable Ladders (TTL) from a unique 'low line' 32m to the lofty reach of the 64m, there really is a solution for everyone.



ALP & TTL LADDERS



Fully Customisable Stowage

All our appliance design work is carried out with the reliability/safety function in mind. We employ a multi-disciplinary Design Team, who utilise Solidworks Mechanical Design software, as well as Firestore & People Size HSE Manual Handling software packages, which assists us in achieving and documenting a fully compliant risk assessed appliance. Our stowage team will work with you during the build process and guide you through to your perfect solution.



CUSTOMISABLE STOWAGE



Tilt and Slide Shelving



Slide Out BA Bracket



Roof Top Storage



Custom Storage Box

E1 Solutions

e1Fleet™

Our ground-breaking optional data-logging unit allows you to connect via the Internet to all “e1fleet”- enabled Fire appliances – showing the current position and operational status of the fire appliance in real-time.

ePumpControl

9 or 13 freely programmable back-lit function keys. Each switch can be allocated various functions – such as a pre-set pump pressure (either High or Low Pressure), PTO engagement, valve operation (or any other system control) etc. With one touch of a switch the pump can be operating (and regulating) at any given level.

eCabControl

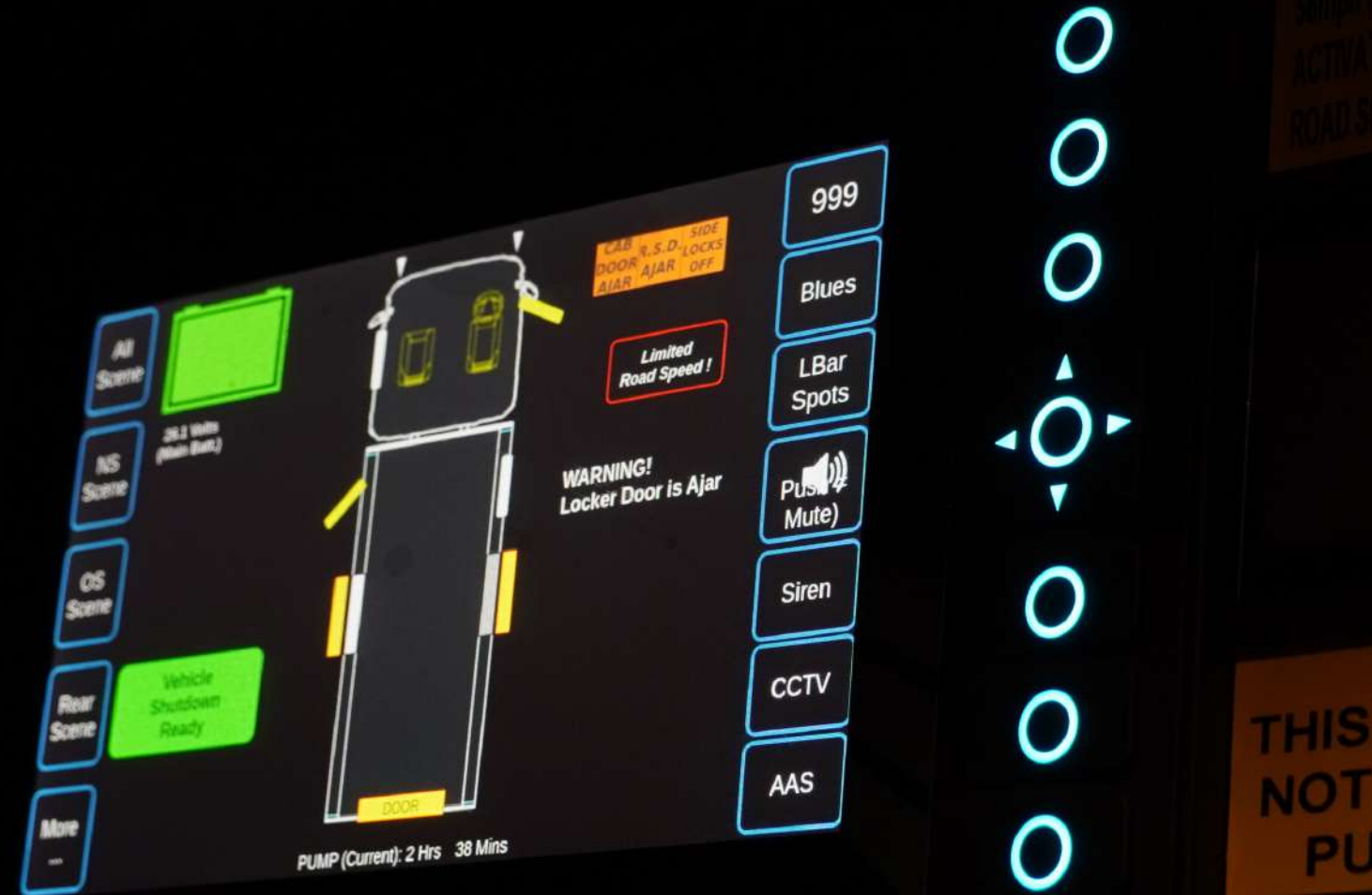
9 freely programmable back-lit function keys. Each switch can be allocated various functions – Including all E-1 controlled systems. Graphical display of all safety related functions.

e1Nebula™

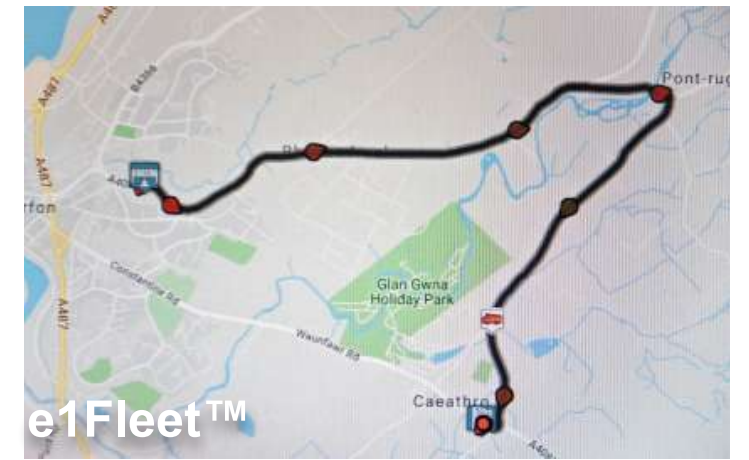
e1Nebula™ is our in house designed and manufactured Ultra High-Pressure System. Uniquely this can be offered as a standalone ‘skid’ unit or pod system as well as being vehicle installed, driven from a PTO.

eCleanCab

This active air purification system uses PhotoHydroionisation Cell Technology to actively produce microscopic levels of Hydrogen Peroxide (H2O2) to neutralise viruses and bacteria in the air and on surfaces within vehicles .



E1 Solutions



The E1 - EV Submersion Unit

Emergency One (UK) Ltd are delighted to present our new “E1 – EV Submersion Unit”. The increasing problem of how to deal with Electric Vehicle (EV) fires is something that all Fire and Rescue Services need to consider.

Given that the battery element of an EV vehicle needs to remain submerged for a period of time post-ignition to ensure that it remains stable, our new containers are designed specifically for this purpose.

Our containers are compatible with existing hook lift prime movers, and allow for the containment of contaminated run-off. The front door of the container folds down as a ramp to allow easy vehicle entry (with the aid of an integrated winch system). The door is sealed, and the sprinkler system is activated and driven by a petrol powered pump (optional) once the water source has been attached. A hydraulic powered roof can be added for security and complete containment. The majority of these actions are carried out at a distance by remote control, with the container being specified around the customers’ requirements.

The container can then be moved to a secure and safe location if required. All reflective markings and Fire Service related branding are available as standard.



E1 EV SUBMERSION

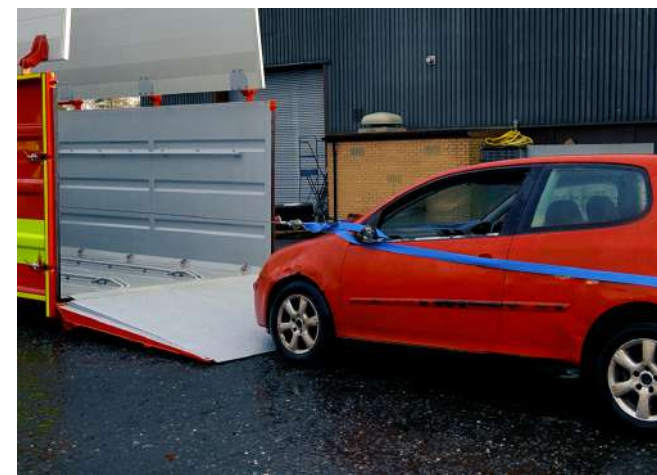
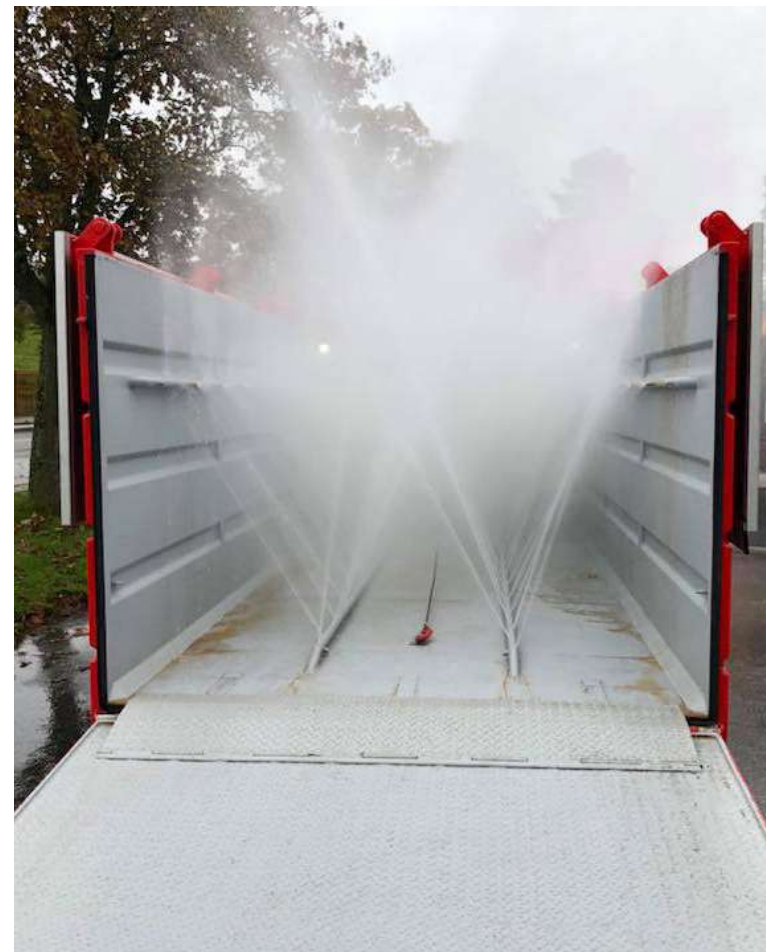
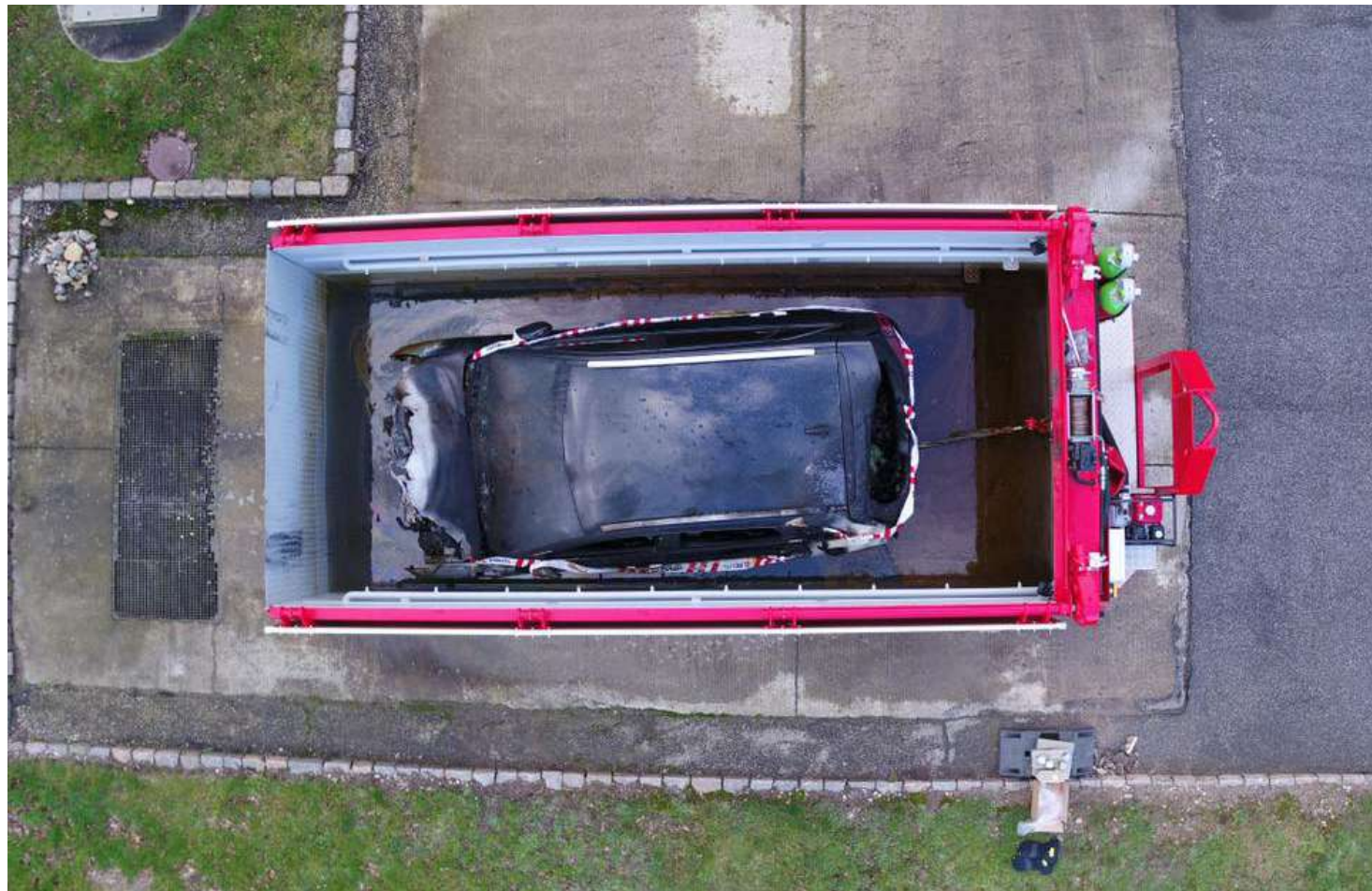
E1 - EV

SUBMERSION

UNIT

Emergency one

The E1 - EV Submersion Unit



The E1 - TSS

The new E1 TSS (tactical suppression system) is designed to keep crews at a safe distance while cooling the batteries of an EV Fire or extinguish any class A vehicle fire. Available in various sizes to deal with small and large vehicle fires, and the ability to be linked together to cool and protect a number of vehicles simultaneously, the E1 TSS is the ideal vehicle fire solution.

The priority of cooling lithium batteries is an early tactic due to the potential of thermal runaway, the E1 TSS purpose is to protect crews and the further spread of fire. This compact solution is easily stowed, transported and quick to get to work in a multitude of vehicle fire scenarios including multistorey car parks, ferries and built up areas.

The TSS can be mounted on fire appliances subject to customers choice and space availability.



THE E1 - TSS



TAKE THE NEXT STEP

If you require more information on any of the appliances shown, then please get in touch and we can provide you with an in-depth Data Sheet.

To book a demo or visit to Emergency One then please contact **Info@emergencyone.co.uk**

To see more of our work and stay up to date with all things Emergency One sign up to our Newsletter.





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