



Safe, realistic, reliable

DRÄGER FIRE
TRAINING SYSTEMS

Best case training for worst case scenarios



Real firefighting situations are not the time to get used to stress, heat and smoke. Mistakes can happen and they can have grave consequences. The propane-fueled Dräger Fire Training Systems offer a variety of the best possible preparation for real firefighting.

Everything from a single source – worldwide

For more than 100 years, the name Dräger has been synonymous for products and systems that improve the protection and safety of firefighters. Dräger has successfully partnered with customers worldwide to provide fire simulation systems that have proven to be safe and reliable. We stay with our customers through design concept, installation, ongoing use and after-sales service.

Individual and flexible solutions

Our experts work with you to develop suitable training concepts and fire training systems that are tailored to your needs and suited to your individual training requirements.

Realistic training scenarios

To ensure the best possible training, you need to reproduce typical scenarios and the hazardous situations that occur in a fire. We select training scenarios that provide a realistic representation of flame patterns and incorporate the necessary details found in a variety of situations, which results in well-rehearsed actions, builds confidence and ensures safe procedures in real life firefighting.



Safety and Quality – two of our most important priorities

Safety of the trainees is top priority in Dräger Fire Training Systems. For that reason we only use proven high-quality components and implement existing safety guidelines.

Thanks to Dräger's quality processes, you can be confident that in your gas operated fire scenarios the following safety concepts apply:

- Temperature and gas sensors in each room
- Monitoring from the control room combined with local controlling by the instructor in the fire training room via a wireless remote pendant

- Emergency stop buttons installed outside burn rooms
- Immediate ventilation of the total facility when an emergency stop button or safety alarm is activated

Reliability and Efficiency

We offer initial and refresher training for your operating personnel and make use of our established service network to manage the maintenance of your fire training system after installation. Should your training goals change, we are at your side to support, advise and assist you in matters relating to the expansion or alteration of your fire training system.



Dräger Exterior Live Fire Training

Firefighters face extremely dangerous life-threatening situations daily. In order to ensure their best chance of survival, safe and effective training under realistic conditions is essential.

To extend your live fire training program Dräger offers several options with its propane-fueled training systems that mount outdoors.

These systems are equipped with switch mounted control panels with wireless remote pendants and electronically monitored pilot systems for each fire.

THE QUAD

Four separately controlled burn areas allow the QUAD to generate intense, challenging fires over a 25 to 100 sq. ft. surface area. Interchangeable props can be mounted on QUAD's deck to allow the

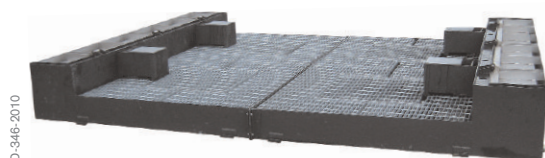
instructors to vary the appearance and flame signature of the fires. Auxiliary burner connections work with some of the props to challenge the trainees. Flame heights can reach over thirty feet into the air. Intense radiant heat teaches firefighters the importance of approaching the fire with the wind at their backs and a wide angle fog stream between them and the fire.

Features:

- Four separate burn areas each with two levels of fire
- Independent pilot systems for each burn area
- Two additional auxiliary connections for special effects
- Flexible exterior access
- Props available for pallet boxes, locker, 250 gallon propane tank, 500 gallon horizontal tank and others



Wireless Remote Pendant QUAD and CAR



QUAD spill fire

THE CAR

The propane-fueled Car fire training system is accessible from all sides (360 degrees) and offers three independent fires (engine, passenger area, trunk) each with two stages of fire. Fires can be generated in any combination including all three at once. The CAR provides operational hood lid, trunk lid and doors depicting a two-door vehicle on the driver's side and a four door vehicle on the passenger side.

Features:

- 3 separately burn areas with two levels of fire
- Operational trunk lid, hood lid and doors
- Smoke generation
- 360 degree exterior access



Dräger Interior Live Fire Training

Whether the fire is in a residential or commercial environment, Dräger can provide and implement realistic fire training tools.

Everything under control – Dräger Fire Training Systems for buildings

We can implement your complex requirements. Dräger offers a comprehensive variety of interior fire scenarios – in a safe and realistic design. These include:

- Kitchen fire, residential or commercial
- Double Bedroom fire
- Multi-Prop fire (various props available)
- Wall fire
- Rollover
- Spill fire

Our highest priority is to provide innovative controls and monitoring features for the safety for the trainee. Ventilation, temperature and gas level monitors and emergency stop conditions are all integral parts of our design. Flame heights are adjustable to increase the challenge to the trainees. Optional fires can increase the variations on the training mission.

Dräger would also be pleased to discuss your training requirements and customize a system for your training facility.



We've got even more in the pipeline

Are you responsible for safety and firefighting in industrial settings, such as the chemical or petrochemical industry?

If so, we also have the right training systems for these hazardous environments. Dräger is able to consult with your trainers and engineers on the planning and implementation of realistic simulated industrial fire scenarios.

We are also available to provide both skilled and reliable support during operation of your training facility.



Multi-Prop burn area



Kitchen Fire

Here today somewhere else tomorrow.



Dräger Mobile Live Fire Training

Dräger training technology can go on the road. To provide you with a mobile fire training system that allows you to train wherever the trainees are located, we have implemented realistic fire scenarios into a self-contained facility, including:

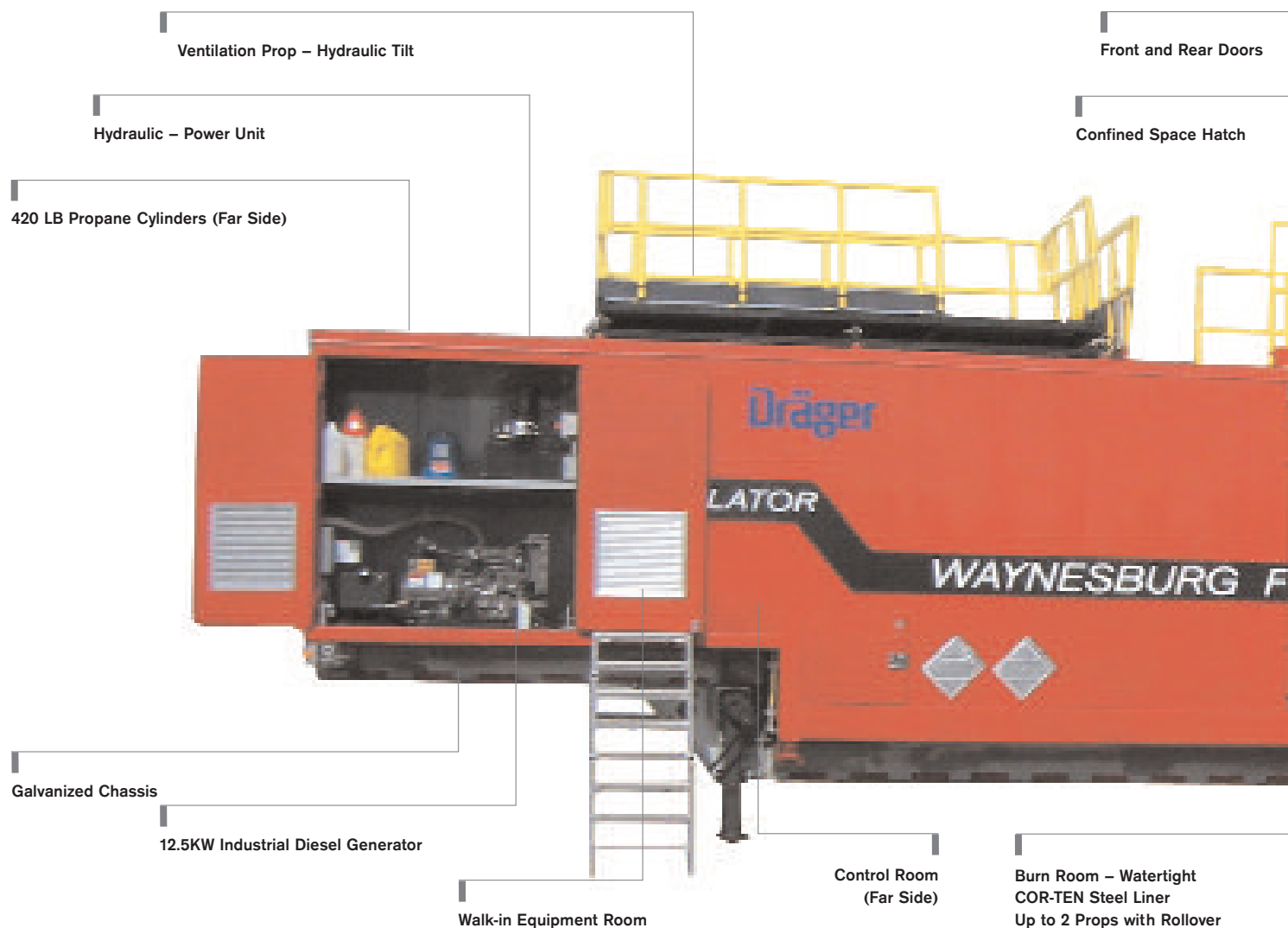
- Multi-Prop fires
- Kitchen fire
- Bed / Couch fire
- Rollover

Additional props available:

Electric motor, gas bottle rack, hazardous material cabinet and others as requested.

Dräger engineering can customize your Mobile Live Fire Training to meet your specific training needs. Customization can include features such as standpipes and includes the necessary graphic representation on the trailer to represent your fire department. Dräger's 53-foot long trailers provide a perfect training area, including:

- Propane tanks
- Electrical generator
- Interior fire simulators
- Railings and stairways



MOBILE LIVE FIRE TRAINING UNIT

This trailer offers a variety of training options on one or two floor levels. The accessible roof can be equipped with a 2nd story room and a ventilation prop. A moveable wall system is also available. The unit is equipped with an on-board generator and propane cylinders.

The fire simulation trailer can always be where it is needed. It is equipped with an on-board power generator and a supply of gas cylinders. It can therefore be operated completely without external supplies.

Available features include:

- Hydraulically lifted tilt roof
- Hydraulically lifted second story
- Multi-Prop fire with rollover at front
- Multi-Prop fire at rear
- Small Multi-Prop fire in 2nd story, including insulation and stainless steel lining of room



CONTAINERIZED

Where price is a major concern, Dräger offers a lower-cost Mobile Live Fire Training. The Containerized training unit provides a modified sea-container mounted on a galvanized, structural steel 53-foot trailer with ISO lock mounts, DOT lighting and landing gear.

Dräger engineers this product for proper modification of the interior for live burn operations. A fold-up second story and mechanically mounted tilt roof are also available. One or two fire simulators plus a rollover are available for mounting in the first story.

Additional features:

- Second story
- Tilt Roof
- Confined Space Hatch
- Moveable Walls
- Forcible Entry and Breaching Doors
- Others on request

Dräger's Mobile Fire Training Units are eligible for purchase under the Homeland Security Assistance to Firefighter Grant (AFG) Program.



Mobile Training Containerized



Multi-Prop fire

Dräger Containerized Live Fire Training System

The Dräger Containerized Live Fire Training Systems is built from sea containers with a variety of features and layout options. you can use the accessible roof to extend the training area or add options like windows, hatches, stairs and ladders for creating additional training scenarios.

Dräger's selection of propane-fueled props and a moveable wall system extend your individual construction kit, enlarge the training possibilities and optimize the preparation of your firefighters.

Features:

- Selection of interior simulators
- Touch screen or switch mounted control panels
- Wireless remote pendants
- Smoke generation
- Limited site preparation requirements
- Modular expandable
- Can be moved and re-installed



The ARFF system

Aircraft fires represent a special challenge in firefighting due to the extreme nature of the potential hazard and the immediate impact on both the passengers and aircrew.

We build the aircraft of your choice, it can be a combination of different types of aircraft and can even be full size and scale if required. We are also able to support you with the implementation of ICAO and FAA requirements with regards to the training scenarios for aircraft firefighting.

The TUTOR

This system allows you to train employees in the proper use of fire extinguishers. With the Dräger TUTOR the training can be done in a safe, effective and environmentally acceptable manner.

With two stages of fire, it offers a flame height from 30" to 50" and a constant pilot system. Various props are available to mount on the TUTOR, including:

- Wastebasket
- Electric Motor
- Locker
- Kitchen

Please call Dräger to discuss the specific needs for your fire department.



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