

## Dräger Mobile Live Fire Training Unit (MLFTU)

The Dräger Mobile Live Fire Training Unit is a 53 foot, multi-purpose training vehicle designed for versatility of training and ease of transport. It is equipped with an on-board generator and a supply of gas cylinders. A second story can be hydraulically raised during operation and lowered for transport.



## Benefits

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### Realistic fire simulation

The firefighters are confronted with real flames, extreme heat, high humidity, severely restricted visibility and thick smoke during their training. This allows them to train for an emergency as realistically as possible.

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### Customer-specific solutions

To address individual training requirements, all systems are designed specifically for the customer. Applicable standards and the latest technology are incorporated in every design.

The selection of typical fire scenarios includes:

- Kitchen
  - Bed/couch
  - Multiprop (various props available)
  - Wall fire
  - Rollover
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### Mobile training unit

The MLFTU is easily transportable. It is equipped with an on-board power generator and a supply of gas cylinders. It can therefore be operated completely without external supplies. The MLFTU can also be combined with other fixed training installations.

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### Safe training

In spite of extreme heat, the MLFTU is designed for safety during training. Redundant safety devices for gas and temperature monitoring in accordance with relevant NFPA and CSA codes and guidelines control the conditions in the burn areas. If defined limits are exceeded or the emergency cut-off switch is operated, the system is automatically switched off and forced ventilation is activated.

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### Different layouts

Dräger's Mobile Live Fire Training Units are available with different layout options, based on an individual customer's training requirements and budget. In a compact form, they integrate elements of a fire simulation system for training in accordance with NFPA 1403. Typical configurations include 1 to 2 fires, a control and monitoring station and gas and power for the self-sufficient operation of the system.

The fire training trailer can be equipped with multiple different training props, such as a moveable wall system. Re-configurable wall panels allow for flexible variations of confined space elements.

## Benefits

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### Accessible roof

The accessible roof of the fire simulation trainer can also be used as an extended training area. A roof ventilation prop (pitched roof) is also available for the Dräger Mobile Live Fire Training Unit.

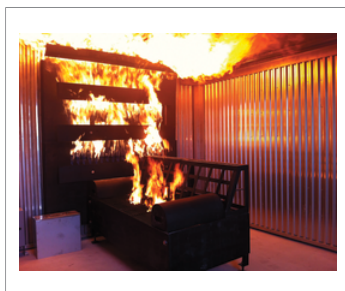
Furthermore, a hydraulically retractable second story room is available, configured in a "walk-through" design with 2 doors and stairwell access to the lower level. This allows for training on fire attack from up slope and down slope. Along with the pitched roof, this room is designed to be easily lowered for transport.

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### Operation with gas cylinders

Dräger fire simulation trailers are supplied with gas two DOT compliant propane cylinders with a capacity of 420 lb (190 kg) each. The cylinders are located in a dedicated room and do not reduce the available space in the training area of Dräger's MLFTU.

## Details



D-37050-2015

Standard couch/bed prop

## Services



### Dräger Service

With Dräger's service solutions, you get complete peace of mind and budget security knowing that your safety equipment is supported by the same team of experts that engineered it and is backed by over 125 years of experience. You can rely on Dräger to keep the devices you depend on operating at peak performance and to always put the safety of your team first. That's the Dräger Service Advantage.

## Related Products



### Exterior Live Fire Training System (ELFTS) the QUAD

Firefighters are able to train on fire scenarios with multiple different propane-based props, including a car, locker, cylinder, flange, and customer specific designs.



### Dräger Interior Live Fire Training System (ILFTS)

Dräger's Interior Live Fire Training Systems can be operated with a comprehensive variety of training scenarios – residential or commercial. Safe, realistic, and customized to your fire training facility, these structures are designed with multiple training props, a remote fire control and observation area, various measurement and detection devices, and a ventilation system.

## Related Products



D-57048-2012

### Dräger Containerized Live Fire Training System (CLFTS)

The Dräger Containerized Live Fire Training System can be equipped with a variety of fire interior simulators. The propane-based CLFTS is modular, expandable, utilizing single or multiple containers, and requires only limited site preparation. It can even be moved and re-installed.



ST-2462-2006

### Aircraft Rescue and Firefighting System (ARFF)

Simulation of multiple aircraft fire scenarios, including underneath, due to fuel spillage, in the undercarriage, in the cargo area, and inside the cabin. Various aircraft types are available, based on individual requirements.



D-1298-2009

### Dräger Swede Survival Systems

Multiple container-based Class A burn structures allow for real fire scenarios in a cost-effective design. Included with each structure is a comprehensive train-the-trainer course with qualified, experienced instructors.



ST-9206-2007

### Dräger Fire Extinguisher Trainer—The TUTOR

Train on the proper use of fire extinguishers in a safe, effective, and environmentally friendly manner. The TUTOR provides two available flame sizes for varying training scenarios. Multiple props are available for use with the TUTOR.

## Technical Data

### Safety

Gas detection

Temperature sensing

Flame control for pilot burners

Monitored ventilation system

Emergency stops

Deadman switch

Water bath protected components

PLC controlled system

Burner management system: CAN/CSA B149.3 and NFPA 86

### Training area

Approx. 300 sq ft. (28 m<sup>2</sup>) incl. props

Up to 2 simulators, e.g. multi-prop, bed/sofa, kitchen

1 rollover simulator

2 access doors with stairs

2 windows latched with shutters

1 roof hatch

1 stairwell to the roof

1 vertical removeable ladder at rear of unit

### Structure

Heavy gauge steel for props

Steel lining on walls and ceiling

Sacrificial plates for heat shielding

Ceramic insulation rated to 2,300° F (649 °C)

Chassis galvanized with structural steel and DOT lighting and landing gear

### Equipment

12 kW (max) rated generator

2 propane cylinders (420 lb or 181 kg each), DOT compliant

Smoke generator and smoke fluid reservoir

2 air intake fans with automated control

### Recognized standards include:

NFPA 1402 and 1403

UL 508

UL 147 (as applicable)

CAN/CSA B149 (as applicable)

NFPA 86 (as applicable)

### Options

Pitched roof

Roof ventilation prop

Hydraulically raised second story walk-through design with 2 doors and 1 window

Stairway access to lower level

Moveable wall system

Folding rear staircase

Exterior scene lighting

Field inspection by an OSHA recognized 3rd party NRTL

### Available props for Multi-prop

Electric motor prop

## Technical Data

Gas bottle rack prop

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Hazardous material cabinet prop

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Couch prop (included in base model)

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Bed prop (included in base model)

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Kitchen prop (included in base model)

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**Other available props**

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Wall breaching prop

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Forcible entry door prop

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Standpipe and sprinkler prop

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## Notes

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