

## Dräger System 64 Portable Exterior Live Fire Trainer

For firefighters, live fire training is crucial. The Dräger System 64 makes owning live fire training equipment easy and affordable – so now even fire departments with tight budgets can continually build the confidence and skills of their firefighters.



### HELPS YOU MEET NFPA 1001 TRAINING REQUIREMENTS

Dräger worked closely with fire department trainers to develop the Dräger System 64, a propane-fueled exterior live fire training system designed to help fire departments train on exterior live fires according to NFPA 1001. With this affordable training tool, you can produce repeatable and controllable fires to help your firefighters build the confidence and skills they need to fight fires safely and effectively.

### PORTABLE, EASY TO USE AND FLEXIBLE

To facilitate mobility, the Dräger System 64 has a 6-foot by 4-foot burn pan that is designed to fit inside a pickup truck or small trailer. Setup is easy, using convenient plug connections and quick-coupling hoses. The equipment is light enough to be moved and reconfigured by hand. A choice of props allow you to configure a variety of different training scenarios.

The system has a 24-square foot burn area and uses liquid propane burners with water bath technology. Propane fuel provides realistic, large volume, visible fires. The flame can vary from a low fire to a high fire. An auxiliary connection allows for two separate burn zones and can provide additional fires on some props.

### DESIGNED FOR ULTIMATE SAFETY AND CONTROL

The Dräger System 64 includes a equipment box that connects easily to the burn pan. The pilot and burner control are designed to be fail-safe and the burner management is designed to meet CAN/CSA B149.3 and NFPA 86 standards.

The Dräger System 64 also includes a control panel that is mounted away from the burn pan to control the pilot, burner, and auxiliary fire. The control panel requires 120 VAC. An emergency-stop button and a dead-man foot pedal add to safety of the system.



Propane cylinder prop



Control panel



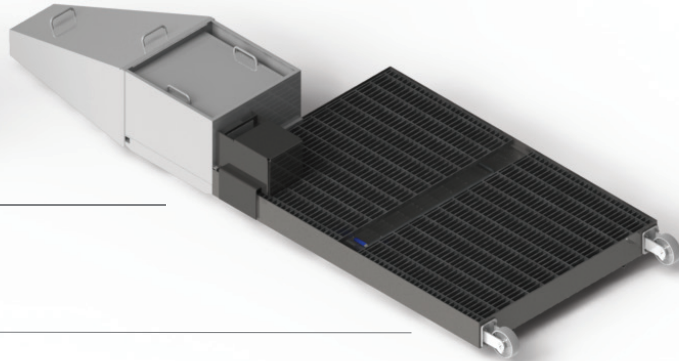
Car fire

# Dräger System 64 Components

Control panel



Equipment box



D-2857-2014

Burn pan

## INTERCHANGABLE PROPS FOR VARIOUS TRAINING MISSIONS

The System 64 is designed to provide maximum flexibility for your training missions. You can use a variety of props – including a car, a propane cylinder, pallet, BBQ, electric motor and dumpster – to provide different training missions in accordance with NFPA 1001 and your specific requirements. Other customized props are also available on request.

Auxiliary burner connections within some of the props allow for additional fire scenarios. To extend the life of the equipment, props are water cooled using your water connection.

## FULLY FUNCTIONAL CAR PROP

The portable Car Prop offers a wide range of training scenarios. In conjunction with the burn pan and the auxiliary burner connection, four different fire scenarios

are possible, including an engine fire, passenger compartment fire, trunk fire, and wheel fire. In addition, a number of functional elements – such as functional doors and a latched hood with a breach prop – allow for versatile and realistic training.

## ADDITIONAL PROPS

D-2856-2014



Cylinder Prop

D-2855-2014



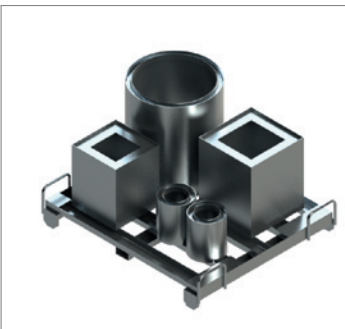
Dumpster Prop

D-2854-2014



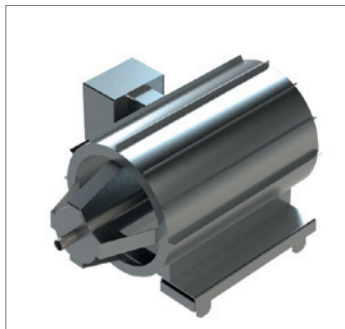
BBQ Prop

D-2853-2014



Pallet Prop

D-2852-2014



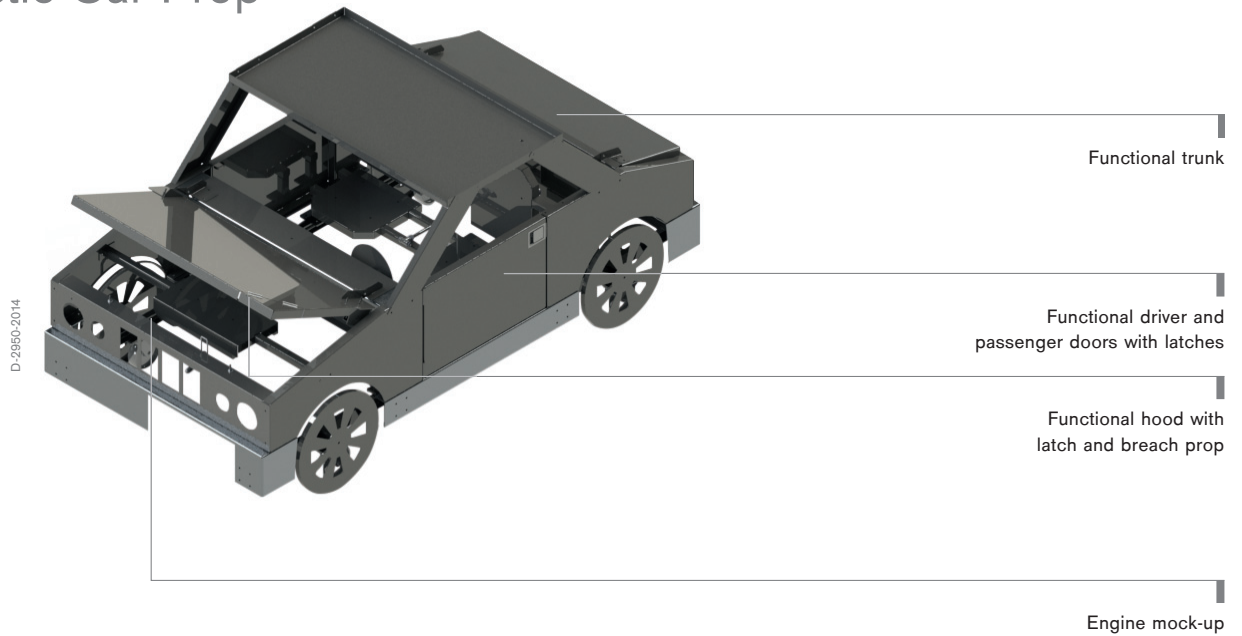
Electric Motor Prop

D-2851-2014



Enclosed Trailer

# Realistic Car Prop



## TECHNICAL DATA

|                          | <b>Burn Pan with Equipment Box</b>   | <b>Portable Control Stand</b>  |
|--------------------------|--|--|
| Dimensions (approximate) | 4' W × 8' L  | 40" H × 24" W × 12" D  |
| Weight (approximate)     | 350 lbs. (breaks down to portable components)  | 60 lbs.  |
| Flame Area (approximate) | 6' × 4' (24 sq ft)   | n/a  |
| Flame Height             | 2 fire stages, 1 auxiliary line for special prop effects   | n/a  |
| Props                    | Interchangeable by hand, portable, and water-cooled  | n/a  |
| Power Supply             | (From control stand)   | 120 VAC / 5 amp (standard electrical outlet)   |
| Fuel                     | Liquid Propane (burners) & Vapor Propane (pilot)   | n/a  |
| Electrical Cable         | 50' multi-pin control cable, outdoor rated   | 50' long electrical cable  |
| Gas Hose                 | 50' long propane supply hose   | n/a  |
| Pilot                    | Continuous, controlled pilot system  | n/a  |
| Certification            | CSA or ESA/TSSA inspected and approved.<br>The pilots and burners are designed to be fail-safe.<br>The burner management system is designed to meet CAN/CSA B149.3 and NFPA 86. Each unit is inspected and tested prior to shipment. | CSA or ESA/TSSA inspected and approved.<br>The pilots and burners are designed to be fail-safe.<br>The burner management system is designed to meet CAN/CSA B149.3 and NFPA 86. Each unit is inspected and tested prior to shipment. |
| Warranty                 | 12 months from date of delivery  | 12 months from date of delivery  |

## ORDERING INFORMATION

| Description   | Part No. |
|---|----------|
| System 64; base unit with 6' by 4' burn pan, equipment box and control panel. Standard equipment includes two independently operated burn zones and one auxiliary line, proven pilot burner and control panel with dead man pedal. Onsite Operator & Maintenance training included (travel cost & expenses extra) | DS006    |
| Propane Supply for System 64; Cart with two 100lb propane cylinders   | DS007    |
| Car Prop; to be used as a prop on the System 64 base unit, water cooled, functional doors, engine hood and trunk. Fire Scenarios: Passenger compartment fire, engine fire, trunk fire and wheel fire  | DS008    |
| Propane Cylinder Prop; to be used as a prop on the System 64 base unit<br>200 lb vertical tank with relief valve fire, water cooled   | DS009    |
| Dumpster Prop; to be used as a prop on the System 64 base unit<br>garbage dumpster with hinged top, water cooled  | DS010    |
| BBQ Prop; to be used as a prop on the System 64 base unit<br>residential BBQ with propane cylinder fire, water cooled   | DS011    |
| Pallet Prop; to be used as a prop on the System 64 base unit, standard sized industrial pallet with crates and drums situated on top, water cooled  | DS012    |
| Electric Motor Prop; to be used on the System 64 base unit, water cooled  | DS015    |
| Enclosed Trailer; 18' by 7' tandem axle comes with load ramp, winch, generator and two 420 lb propane tanks, weatherproof enclosure and custom graphics, fits System 64 and car prop  | DS013    |
| Open Top Trailer; 18' by 7' tandem axle comes with load ramp, winch, generator and two 420 lb propane tanks, fits System 64 and Car Prop  | DS014    |



Dumpster fire



Small spill fire

### Distributor of Dräger

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