FALCON DX SERIES

PRODUCT INFORMATION 2021

Fireblast Global
Phone +1.951.277.8319
Fax +1.951.279.1705
www.fireblast.com

PRODUCT INFORMATION
FALCON DX SERIES

General Information

This is an overview of specifications for the Falcon DX 40 Control System. The control system is a fixed installation designed to create large exterior fire training scenarios with multiple extensions, and the ability to connect multiple burn mockups to a single control unit. The system is designed to accommodate training in a manner which provides for safety first, while allowing for realistic training scenarios.

The training system is designed to utilize Liquid Petroleum Gas (LPG) as the fuel source in the vapor or liquid state.

The system includes a control panel with a Programmable Logic Controller, fail safe FM approved gas equipment and UL approved and listed components. All operational equipment is factory pre-assembled, tested and certified prior to delivery.

The system is designed and built utilizing the most current codes, standards and recommendations published for this type of equipment. The system's design and equipment are tested compliant with the codes and standards.

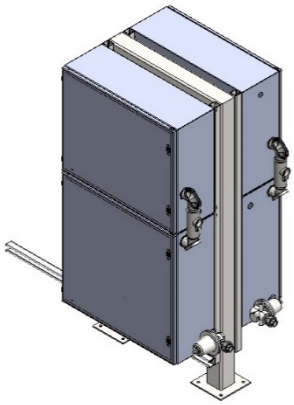
The Falcon DX Fire System, in conjunction with the training equipment's design, provides scenario-based training with variable fire control to create unmatched realistic training environments.

The system has been designed to meet both the minimum requirements for live fire training certification of entry level fire service personnel and advanced training scenarios to provide refresher skills and meet ongoing training requirements for the seasoned veteran.

Equipment

Controls (Falcon 40 Controllers)

The operating system equipment includes the fixed mounted Falcon 40 Control System equipped with a Programmable Logic Controller (PLC).



The Falcon 40 Control System is available from a single burner configuration to multi burner platforms based on desired mockup design and extension fire and spread capabilities. The offered system provides operational control of all live fire training mockups from within the burn area utilizing wireless control technology or control console activation.

The control unit includes power activation control, burner management, pilot verification, burner verification, flame spread, flame extension and a hardwired emergency stop activation device.

The PLC in conjunction with the burner management system monitors and controls all operating functions including pilot activation, gas delivery and safety systems as required and creates realistic training scenarios by the operator utilizing the wireless control features.

Fireblast Global
Phone +1.951.277.8319
Fax +1.951.279.1705
www.fireblast.com
May 1, 2021

PRODUCT INFORMATION
FALCON DX SERIES

All Falcon 40 electronic components are UL approved for the application in which they are utilized. Control panels are designed, manufactured, and certified to UL 508A compliancy. The NEC (NFPA 70) is utilized for all electrical installations.

Minimum electrical requirements for the Falcon 40 Control System are 120A-20V service for operations.

Optional Equipment for Portable Units

The Falcon 40 Control System can be added to a training facility for use with Falcon DX training mockups and HK interior mockups included with Hawk Interior Fire Systems that are portable. Portable mockups may include DX mockups with mobile transporters (DX Car, DX Helicopters, DXM F-18 and DXM F-35 models) or may include car or truck fires that are designed for interior and exterior applications, and removable from the interior environment.

The operating system includes a fixed mounted control console capable of operating up to six (6) fire scenarios simultaneously. The system provides operational control of all live fire training mockups from both the control console and the additional provided wireless control technology.

Falcon 40 Controllers are compatible with Falcon CX, and DX Series mockups.

Wireless

The wireless device is an industrial grade control system. The system includes a receiver and two (2) transmitters. The device has the ability to control each ignition point and extension point (if applicable) from the handheld transmitter. The system is preprogrammed and includes a backup device for each burn area.

Each wireless handheld pendant controller includes the following functions and features, at minimum:

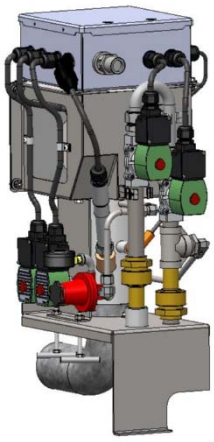
- E-stop
- Dead man control
- Burner enable
- Pilot and burner flame activation
- Pilot and burner flame verification

Quickburner™

The Falcon mockup includes the Fireblast Quickburner™, an independent removable pilot and burner device. The Quickburner™ device is not a portable device, this is a fixed mounted unit that is designed to be completely removable and interchangeable with all additional Quickburner™ mockups in the training center. The device is designed to be removed in its entirety for service and maintenance in under two (2) minutes without the use of any tools. The device includes ignition system

Fireblast Global
Phone +1.951.277.8319
Fax +1.951.279.1705
www.fireblast.com

components, gas delivery, and flame safeguard equipment. All components of the pilot and burner system are manufactured utilizing stainless steel to extend the life of the product.



The Quickburner™ includes electronic ignition, pilot and flame verification makeup/combustion air, constant monitoring of flame propagation, and is designed to provide the instructor the ability to provide flame control utilizing the wireless handheld pendant. If a failure of the pilot or main burner occurs, the system is designed to automatically shut down. If there is a failure of adequate flame production the main valve, and all inline safety valves, will fail safe closed. The system provides a safety switch for burn operations on the pendant. In the event of a power loss, all systems will have interlocked to fail safe (closed) position. Upon manual or automatic shutoff, an operator acknowledgment is required before system operation can continue. The Quickburner™ is designed to use NG or LPG in the liquid and vapor state.

The Quickburner™ provides the customer with easy maintenance and service capabilities and reduces the expense of service and maintenance visits over the life of the product. The Quickburner™ can be easily removed and sent to the Fireblast Global® facility for service without the travel cost of Customer Care personnel. Additionally, spare units can be purchased or existing units from other Quickburner™ equipment can be inserted to minimize downtime during training demands and maintenance periods.

Pilot Flame Status Monitoring

Each pilot and burner include a burner management system that utilizes ultraviolet technology. Independent constant monitoring of flame propagation at each pilot and main burner is provided whenever power is supplied to the system. The system is designed to verify a safe atmosphere prior to and during all burn operations. The burner management system is interlocked with the gas delivery system and additional safety features and is designed to provide a fail-safe closure of all operational components, if required, as specified in the NFPA 1402 and DIN 14097 Part 2.

Safety

Included equipment:

- Pilot and flame detection and monitoring
- NFPA compliant fuel delivery system
- Flame control valves
- Fail safe delivery system
- Automatic and manual shutdowns

Code Compliancy

NFPA 54	National Fuel Gas Code
NFPA 58	Liquefied Petroleum Gas Code
NFPA 70	National Electrical Code

Fireblast Global
Phone +1.951.277.8319
Fax +1.951.279.1705
www.fireblast.com

NFPA 79	Electrical Standards for Industrial Machinery
NFPA 1001	Standard for Fire Fighter Professional Qualifications
NFPA 1402	Standard on Facilities for Fire Training and Associated Props
NFPA 1403	Standard on Live Fire Training Evolutions
UL 508A	Standard for Industrial Control Equipment
ANSI Z21 & 83	Series Standard for Gas Utilization Equipment
MIL STD 882D	Department of Defense Standard Practice for System Safety

Warranty

The offered system includes a 1-year warranty on manufacturer defects and system component failures that occur during normal operations.

Commissioning and Testing

The Falcon DX System includes commissioning of the operational system. All components and safety features will be function tested at the factory prior to delivery. Upon delivery the system's operational and safety features will be retested and demonstrated to the Authority Having Jurisdiction for approval.

Operational Training

One (1) day, four (4) hours training class that includes set up, commissioning, operation and shut down/storage procedures for eight (8) instructors.

Customer Supplied Materials

LPG fuel source, first and second stage regulators with gauge, electrical service, and water source.

Fireblast Global
Phone +1.951.277.8319
Fax +1.951.279.1705
www.fireblast.com

PRODUCT INFORMATION
FALCON DX SERIES

Fireblast Global® Advantage – The control system utilizes high quality electronic components including PLC and flame sensors with burner management equipment that are available worldwide making service and maintenance items available locally.

Fireblast Global® Advantage – Fireblast Global is a California Corporation with a 34,000 sqft manufacturing facility in Corona. All products are 100% made in the USA.

Fireblast Global® Advantage – Fireblast Global has a culture of continuous improvement working to improve processes, products and the customer experience daily. Each member of our team is actively engaged in the learning culture that is modeled from Lean Manufacturing principals, better known as TPS or the Toyota Production System.

Fireblast Global® Advantage – Fireblast Global is a Certified UL 508A panel building facility. All electrical control panels are label in compliancy. Additionally, all Fireblast products are tested in compliancy to all required codes and standards.

Fireblast Global
Phone +1.951.277.8319
Fax +1.951.279.1705
www.fireblast.com

PRODUCT INFORMATION
FALCON DX SERIES

Falcon DX Mockups

Mockup Information

This section is an overview of specifications for the Falcon DX Live Fire Training mockups. Falcon DX mockups are designed to represent a large-scale scenario-based training environment with multiple hazards and varied burn locations. Each mockup includes up to six (6) different independent fire locations that are operator controlled via a mobile wireless handheld pendant. Independent burners and controls provide the operator with varying fire conditions based on student reaction to the scenario, making each training exercise unique. The system is compliant with all required safety and operating features for the designed training prop.

Select mockups are designed to include operational equipment for an exterior fire scenario and could connect to the interior fire system equipment and safety features (if applicable) for interior fire scenarios.

Each mockup is equipped with an independent electronic ignition, pilot, and flame verification. Utilizing the wireless handheld controller and LPG vapor or liquid, the prop provides for a full range of flame production.

Falcon DX mockups include a select number of Quickburners™ and require a Falcon DX 40 Controller for operation.

Falcon DX mockups are compatible with Falcon EX 10 Controllers. Falcon Control Systems are interchangeable with additional Falcon EX series mockups.

Training Objectives

Direct and indirect fire attack
Exterior fire attack
Large scenario training hazards
Fire suppression techniques
Flammable vapor fire control
Flammable liquid training
Flammable gas training
Vehicle firefighting and familiarization
Helicopter firefighting and familiarization
ARFF fire attack
Pressurized flammable liquid control
Tactics and strategies
SCBA use

Fireblast Global
Phone +1.951.277.8319
Fax +1.951.279.1705
www.fireblast.com

PRODUCT INFORMATION
FALCON DX SERIES

Falcon DX Fuel Spill 400 **- (FBG #10-000075)**

The Falcon DX Fuel Spill 100 is a fixed mounted running fuel spill fire that includes four (4) burn zones, wet/dry burner system and a concrete infrastructure.

The fire initiates and spreads realistically from a small spill location that extend into a 400 sqft flammable fire. The fire scenario utilizes independent zones to represent flame spread throughout the mockup creating a large flammable liquid spill.

The equipment utilizes Liquid Petroleum Gas (LPG) in the vapor and liquid state as the fuel source.

The mockup includes burner top grating for surface covering. The surface provides trainees the ability to advance on the trainer's surface during the training scenario.

The prop includes one (1) Quickburner™ device providing independent ignition for the scenario and includes stainless steel piping.

The Fuel Spill 100 can be utilized as a standalone mockup or in conjunction with additional mockups representing railcar, aircraft, industrial storage tank and refinery training scenarios. Static mockups on the surface can be utilized to create hazardous material storage facility fire training.

The Falcon DX Fuel Spill 100 requires a Falcon DX 40 Controller for operation.

Fireblast Global
Phone +1.951.277.8319
Fax +1.951.279.1705
www.fireblast.com
May 1, 2021

PRODUCT INFORMATION
FALCON DX SERIES

Falcon DX Fuel Spill 1600 **- (FBG #10-000074)**

The Falcon DX Fuel Spill 1600 is a fixed mounted running fuel spill fire that includes eight (8) burn zones, wet/dry burner system and a concrete infrastructure.

The fire initiates and spreads realistically from a small spill location that extend into a 1600 sqft flammable fire. The fire scenario utilizes independent zones to represent flame spread throughout the mockup creating a large flammable liquid spill.

The equipment utilizes Liquid Petroleum Gas (LPG) in the vapor and liquid state as the fuel source.

The mockup includes burner top grating with an aggregate surface covering. The surface provides trainees the ability to advance on the trainer's surface during the training scenario.

The prop includes one (1) Quickburner™ device providing independent ignition for the scenario and includes stainless steel piping.

The Fuel Spill 1600 can be utilized as a standalone mockup or in conjunction with additional mockups representing railcar, aircraft, industrial storage tank and refinery training scenarios. Static mockups on the surface can be utilized to create hazardous material storage facility fire training.

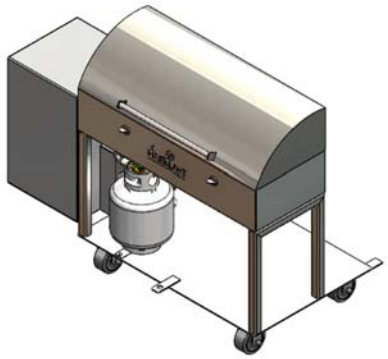
The Falcon DX Fuel Spill 1600 requires a Falcon DX 40 Controller for operation.

Fireblast Global
Phone +1.951.277.8319
Fax +1.951.279.1705
www.fireblast.com

PRODUCT INFORMATION
FALCON DX SERIES

Falcon DX BBQ- **(FBG #10-000178)**

The Falcon DX BBQ mockup is a fixed mounted (or optional caster mounted) backyard grill and includes a 5lb LPG pressure vessel, operational hinged grill hood, and burner top grating.



The fire initiates within the pressure vessel's fuel line and spreads realistically across the lower portion of the grill and under the lid surface. The fire scenario utilizes an independent zone to represent flame spread throughout the mockup.

The mockup is designed to be utilized as a standalone fire training scenario or in conjunction with a training facility structure simulating a backyard or elevated balcony scenario.

The mockup's pressure vessel includes a functioning fuel shut off valve to control fire scenario.

The prop includes one (1) Quickburner™ device providing independent ignition for the scenario and includes stainless steel piping.

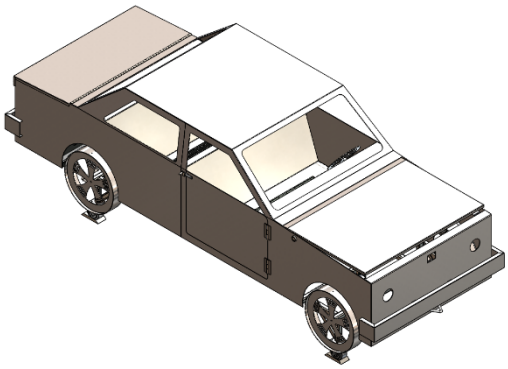
The equipment utilizes Liquid Petroleum Gas (LPG) in the vapor and liquid state as the fuel source.

The Falcon DX BBQ mockup requires a Falcon DX 40 Controller for operation. Standalone configurations include Falcon EX 10 Controller capability. Fixed applications may require thermal lining protection.

Fireblast Global
Phone +1.951.277.8319
Fax +1.951.279.1705
www.fireblast.com
May 1, 2021

PRODUCT INFORMATION
FALCON DX SERIES

***Falcon DX Car* - (FBG #10-000054)**



The Falcon DX Car represents a mid-size vehicle with multiple independent burn zones. Burn zones include engine fire, front and rear seat fires and tire fire.

The mockup includes Heavy Duty (HD) construction and HD casters. The mockup's portability creates ease of movement around the training environment for varied training scenarios including interior/exterior fire capability and loading/offloading of mobile transporters.

The car is equipped with operable doors, trunk, hood, with forcible entry hood latch and includes static seats, dash, bumpers, and steering wheel.

The mockup is portable and includes three (3) Quickburner™ devices providing multiple independent ignitions for the varied scenarios, each including stainless steel piping. The Falcon EX IGP and Falcon EX 24FS are available for operation of a fuel spill.

The equipment utilizes Liquid Petroleum Gas (LPG) in the vapor and liquid state as the fuel source.

The mockup includes wheel chock securing devices with built-in travel holder and securing device for transport trailer application.

The prop is designed to include operational equipment for an exterior fire scenario and have the ability to connect to the interior fire system equipment and safety features (if applicable) for interior fire scenarios.

The Falcon DX Car mockup requires the Falcon DX 40 Controller for fixed applications and the Falcon EX 10 Controller for portable/mobile applications. Interior applications require safety features, as specified in the NFPA 1402, included with Fireblast HD Interior Systems.

Optional Features

Transport Trailer

Fireblast Global
Phone +1.951.277.8319
Fax +1.951.279.1705
www.fireblast.com

PRODUCT INFORMATION
FALCON DX SERIES

***Falcon DX Dumpster* - (FBG #10-000061)**

The Falcon DX Dumpster represents a three (3) yard, pitch top dumpster with two (2) functional steel lids. The training unit is constructed of corrosion resistant steel with burner top grating.

The dumpster mockup includes a stainless-steel interior burn liner creating a burn compartment inside the main structure. The prop incorporates an open or closed compartment fire with retractable steel coverings.

The mockup includes HD casters. The mockup's portability creates ease of movement in relocating the prop inside or outside a dumpster shelter location. The DX Dumpster can also be utilized as a portable application and moved throughout the training environment.

The prop includes one (1) Quickburner™ device providing independent ignition for the scenario and includes stainless steel piping.

The equipment utilizes Liquid Petroleum Gas (LPG) in the vapor and liquid state as the fuel source.

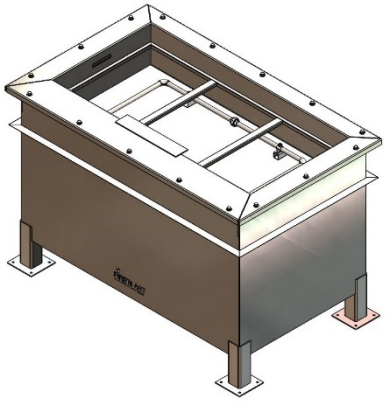
The Falcon DX Dumpster mockup requires the Falcon DX 40 Controller for fixed installation and the Falcon EX 10 Controller for portable applications.

Fireblast Global
Phone +1.951.277.8319
Fax +1.951.279.1705
www.fireblast.com
May 1, 2021

PRODUCT INFORMATION
FALCON DX SERIES

***Falcon DX Dip Tank* - (FBG #10-000060)**

The Falcon DX Dip Tank is a fixed mounted mockup that resembles a chemical processing tank typically found in industrial applications. The training unit is constructed of corrosion resistant steel with burner top grating.



The dip tank mockup is designed with corrosion resisted steel and includes a stainless-steel interior burn liner, creating a burn compartment inside the main structure. Utilizing a wet burner system design, the mockup simulates a molten liquid with ignition scenario.

The mockup includes one (1) Quickburner™ device providing independent ignition for the scenario and includes stainless steel piping.

The equipment utilizes Liquid Petroleum Gas (LPG) in the vapor and liquid state as the fuel source.

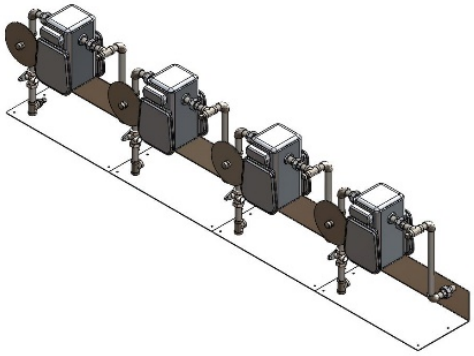
The Falcon DX Dip Tank mockup requires the Falcon DX 40 Controller for operation.

Fireblast Global
Phone +1.951.277.8319
Fax +1.951.279.1705
www.fireblast.com

PRODUCT INFORMATION
FALCON DX SERIES

***Falcon DX Gas Meter* - (FBG #10-000261)**

The Falcon DX Gas Meter mockup represents the side of a structure with roof eve overhang typically found in residential applications. The mockup includes a residential gas meter with simulated regulator in high- and low-pressure distribution lines.



The mockup is designed with corrosion resisted steel. Utilizing a dry burner system design, the mockup simulates an NG line rupture and meter fire ignition scenario.

The mockup is designed as a standalone fire training scenario or in conjunction with a training facility structure simulating a residential side yard or multi bank commercial scenario.

The mockup includes a functioning fuel shut off valve to control fire scenario.

The mockup is fixed mounted and includes one (1) Quickburner™ device providing independent ignition for the scenario and includes stainless steel piping.

The equipment utilizes Liquid Petroleum Gas (LPG) in the vapor and liquid state as the fuel source.

The Falcon DX Gas Meter mockup requires a Falcon DX 40 Controller for operation. Standalone configurations include Falcon EX 10 Controller capability. Fixed applications may require thermal lining protection.

Optional Features

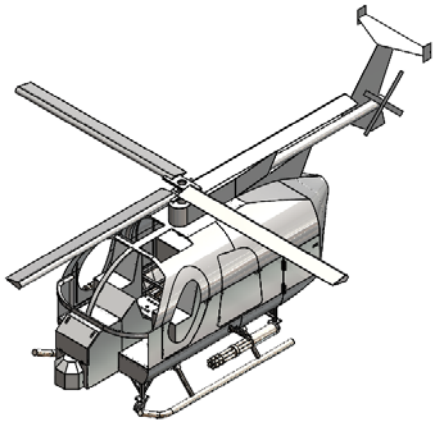
Commercial multi gas meter assemblies

Fireblast Global
Phone +1.951.277.8319
Fax +1.951.279.1705
www.fireblast.com

PRODUCT INFORMATION
FALCON DX SERIES

***Falcon DX Helicopter AH-6* - (FBG #10-000341)**

The Falcon DX Helicopter (AH-6 Little Bird) represents a small commercial or military helicopter. The mockup's four (4) burn zones include cockpit fire with front and rear seat fires, engine rotor fire and fuel spill. Burn zones include the ability to burn simultaneously or individually based on operator selection.



The mockup is designed and constructed of heavy duty (HD) corrosion resistant materials and HD casters. The mockups portability creates ease of movement around the training environment for varied training scenarios including loading/offloading of mobile transporters. Interior floors include burner top grating that allows flame spread throughout the passenger cabin.

The helicopter includes functioning cockpit and passenger side doors with static seats, dash console, front and rear rotors (retractable and secured for travel) and landing skids. Optional side mounted military guns/missile devices and simulated battery compartment are available.

The mockup is portable and includes three (3) Quickburner™ devices providing multiple independent ignitions for varied scenarios, each including stainless steel piping. The Falcon EX IGP and Falcon EX 24FS are provided for operation of the fuel spill.

The equipment utilizes Liquid Petroleum Gas (LPG) in the vapor and liquid state as the fuel source.

The mockup includes wheel chock securing devices with built-in travel holder and securing device for transport trailer application.

The Falcon DX Helicopter (AH-6 Little Bird) utilizes a built-in Falcon DX 40 Controller for fixed and portable applications.

Optional Features

Transport Trailer

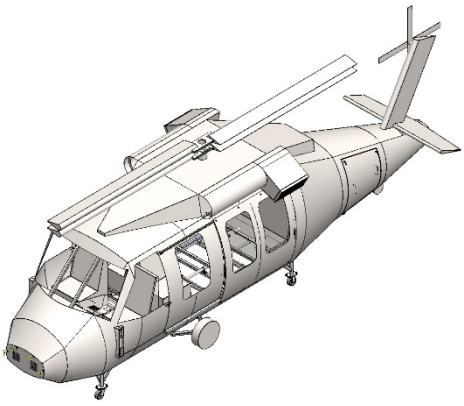
Smoke System

Fireblast Global
Phone +1.951.277.8319
Fax +1.951.279.1705
www.fireblast.com

PRODUCT INFORMATION
FALCON DX SERIES

***Falcon DX Helicopter UH-60* - (FBG #10-000290)**

The Falcon DX Helicopter (UH-60 Blackhawk) represents a midsize military helicopter with multiple burn zones. The mockup's four (4) independent burn zones include engine fire, cabin fire, cargo fire and exterior fuel spill. Burn zones include the ability to burn simultaneously or individually based on operator selection.



The mockup is designed and constructed of heavy duty (HD) corrosion resistant materials and HD casters. The mockup's portability creates ease of movement around the training environment for varied training scenarios including loading/offloading of mobile transporters. Interior floors include burner top grating that allows flame spread throughout the passenger cabin.

The helicopter includes operable pilot and co-pilot doors with static Pilot and co-pilot seats, dash console, front and rear rotors (Retractable and secured for travel) operable sliding cargo door on both sides, cargo area bench seating, landing wheels, side mounted military guns/missile devices and simulated battery compartment.

The mockup is portable and includes three (3) Quickburner™ devices providing multiple independent ignitions for varied scenarios, each including stainless steel piping. The Falcon EX IGP and Falcon EX 24FS are provided for operation of the fuel spill.

The equipment utilizes Liquid Petroleum Gas (LPG) in the vapor and liquid state as the fuel source.

The mockup includes wheel chock securing devices with built-in travel holder and securing device for transport trailer application.

The Falcon DX Helicopter (UH-60 Blackhawk) utilizes a built-in Falcon DX 40 Controller for fixed and portable applications.

Optional Features

Transport Trailer

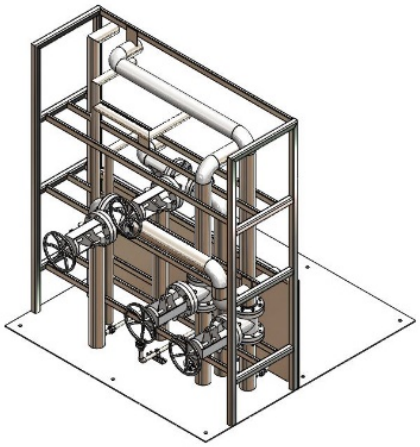
Smoke System

Fireblast Global
Phone +1.951.277.8319
Fax +1.951.279.1705
www.fireblast.com
May 1, 2021

PRODUCT INFORMATION
FALCON DX SERIES

***Falcon DX Hi Lo Flange* - (FBG #10-000084)**

The Falcon DX Hi Lo Flange represents an industrial, large diameter pipe structure commonly found in chemical facilities and refineries with a series of OS&Y valves that simulate a pipe rack. The mockup includes multiple pressurized leaks and fire points representing a rupture in a flange connection and pipe breech. The prop incorporates a low-pressure vapor fire with a high-pressure liquid fire.



The mockup is designed and constructed of heavy duty (HD) corrosion resistant materials. The facade's materials are constructed of schedule 40 pipe in 2, 3 and 4in diameter to accommodate the training scenario with a realistic appearance of an industrial chemical plant.

The mockup includes two (2) Quickburner™ devices providing multiple independent ignitions for varied scenarios, each including stainless steel piping.

The mockup includes multiple functioning OS&Y fuel shut off valves to control fire scenario.

The equipment utilizes Liquid Petroleum Gas (LPG) in the vapor and liquid state as the fuel source.

The DX Hi Lo Flange can be utilized as a standalone mockup or in conjunction with additional mockups representing overhead piping, industrial equipment, refinery training scenarios or connection to an industrial storage tank facility adjacent to the mockup. Static mockups around the surface can be utilized to create a variety of industrial fire training scenarios.

The Falcon DX Hi Lo requires a Falcon DX 40 Controller for operation.

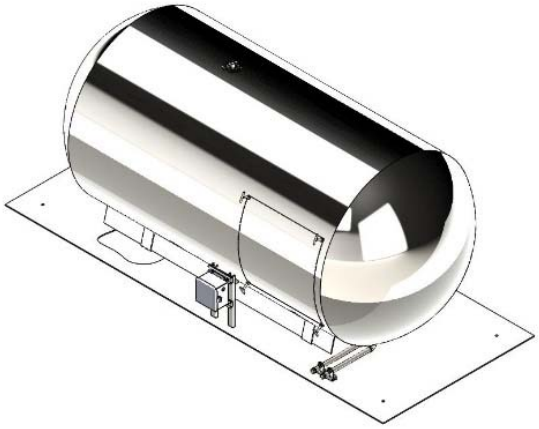
Fireblast Global
Phone +1.951.277.8319
Fax +1.951.279.1705
www.fireblast.com

PRODUCT INFORMATION
FALCON DX SERIES

Falcon DX Pressure Vessel 500 **- (FBG #10-000090)**

The Falcon DX Pressure Vessel 500 represents a mid-size LPG storage vessel commonly found in residential and commercial applications. The vessel is designed to simulate a fuel delivery station with a line breech beneath the tank, creating a ground fire with tank impingement and operator-controlled pressure relief fire.

The mockup includes an ASME 500-gallon pressure vessel modified to accommodate the training scenario with a realistic appearance. The mockup includes a functioning, lockable hinged cover with a simulated fuel/fire shut off valve. The vessel is mounted to a .500 corrosion resistant heat shield and fixed in the training environment.



The mockup includes two (2) Quickburner™ devices providing independent ignitions for each scenario and includes stainless steel piping.

The equipment utilizes Liquid Petroleum Gas (LPG) in the vapor and liquid state as the fuel source.

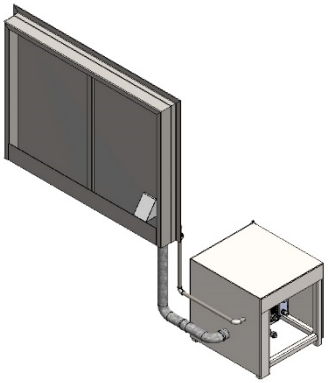
The DX Pressure Vessel can be utilized as a standalone mockup or in conjunction with additional mockups representing flame impingement on a structure or simulated vehicle fire scenario.

The Falcon DX Pressure Vessel requires a Falcon DX 40 Controller for operation.

Fireblast Global
Phone +1.951.277.8319
Fax +1.951.279.1705
www.fireblast.com

PRODUCT INFORMATION
FALCON DX SERIES

***Falcon DX Window* - (FBG #10-000295)**



The Falcon DX Window simulates an extension fire to the exterior of a structure. The prop can be added to existing training center facilities or implemented into new construction designs.

The window's frame and simulated glass structure is constructed of stainless steel materials and designed to mount in a window opening or flush mounted on an exterior wall surface. Equipment is mounted below the mockup on the exterior of the structure. The mockup can be used for residential and commercial applications.

The mockup includes one (1) Quickburner™ device providing independent ignition for the scenario and includes stainless steel piping.

The equipment utilizes Liquid Petroleum Gas (LPG) in the vapor and liquid state as the fuel source.

The DX Window Fire can be utilized as a standalone mockup or in conjunction with additional mockups representing flame impingement.

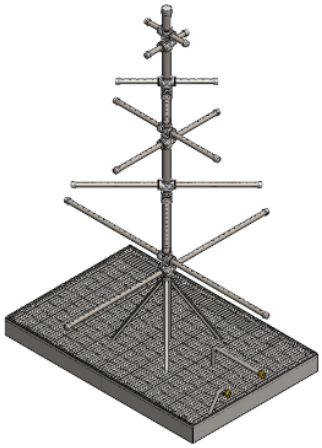
The Falcon DX Window Fire requires a Falcon DX 40 Controller for operation.

Fireblast Global
Phone +1.951.277.8319
Fax +1.951.279.1705
www.fireblast.com

PRODUCT INFORMATION
FALCON DX SERIES

***Falcon DX Xmas Tree* - (FBG #10-000099)**

The Falcon DX Xmas Tree represents an oil field appliance fire typically found in refineries. The mockup creates a fuel leak from an industrial pipe structure that represents a fuel line relief fire and flammable liquid spill fire.



The mockup's design replicates pipes arranged vertical and horizontally in a grid commonly found on industrial oil and gas platforms. The piping is designed and assembled utilizing sch 40 stainless steel pipes mounted to the base platform and fuel spill pan.

The mockup includes one (1) Quickburner™ device providing independent ignition for the scenario and includes stainless steel piping.

The mockup includes a simulated fuel shut off valve to control fire scenario.

The equipment utilizes Liquid Petroleum Gas (LPG) in the vapor and liquid state as the fuel source.

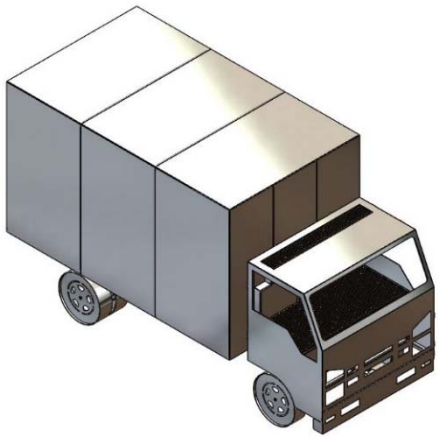
The Falcon DX Window Fire requires a Falcon DX 40 Controller for operation.

Fireblast Global
Phone +1.951.277.8319
Fax +1.951.279.1705
www.fireblast.com

PRODUCT INFORMATION
FALCON DX SERIES

***Falcon DX Box Truck* - (FBG #10-000383)**

The Falcon DX Box Truck represents a Class B commercial enclosed delivery truck with multiple burn zones. The mockup's two (2) independent fire zones include a cab/engine fire and cargo fire. Scenarios can include an ordinary combustible fire or hazardous material incidents.



Mockup includes Heavy Duty (HD) construction materials. The truck includes operable driver and passenger side doors with static seats and cargo boxes. Interior cab and cargo floor include burner top grating that allows flame spread throughout the compartments.

The unit is designed to be fixed mounted or relocatable with mechanical assistance.

The mockup includes two (2) Quickburner™ devices providing multiple independent ignitions for varied scenarios, each including stainless steel piping.

The equipment utilizes Liquid Petroleum Gas (LPG) in the vapor and liquid state as the fuel source.

The DX Box Truck can be utilized as a standalone mockup or in conjunction with additional mockups creating a variety of scenarios.

The prop is designed to include operational equipment for an exterior fire scenario and have the ability to connect to the interior fire system equipment and safety features (if applicable) for interior fire scenarios.

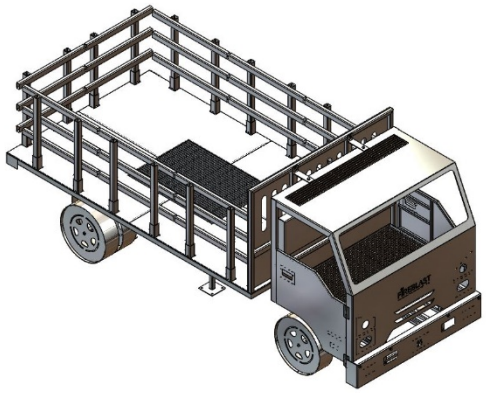
The Falcon DX Box Truck requires a Falcon DX 40 Controller for operation.

Fireblast Global
Phone +1.951.277.8319
Fax +1.951.279.1705
www.fireblast.com

PRODUCT INFORMATION
FALCON DX SERIES

Falcon DX Stake Bed Truck- **(FBG #10-000384)**

Falcon DX Stake Bed Truck represents a Class B commercial flatbed delivery truck with multiple burn zones. The mockup's two (2) independent fire zones include a cab/engine fire and cargo fire. Scenarios can include an ordinary combustible fire or hazardous material incidents.



Mockup includes Heavy Duty (HD) construction materials. The truck includes operable driver and passenger side doors with static seats, removeable gates and cargo materials. Interior cab and cargo floor include burner top grating that allows flame spread throughout the compartments.

The unit is designed to be fixed mounted or relocatable with mechanical assistance.

The mockup includes two (2) Quickburner™ devices providing multiple independent ignitions for the varied scenarios, each including stainless steel piping.

The equipment utilizes Liquid Petroleum Gas (LPG) in the vapor and liquid state as the fuel source.

The DX Stake Bed Truck can be utilized as a standalone mockup or in conjunction with additional mockups creating a variety of scenarios.

The prop is designed to include operational equipment for an exterior fire scenario and have the ability to connect to the interior fire system equipment and safety features (if applicable) for interior fire scenarios.

The Falcon DX Stake Bed Truck requires a Falcon DX 40 Controller for operation.

Fireblast Global
Phone +1.951.277.8319
Fax +1.951.279.1705
www.fireblast.com
May 1, 2021

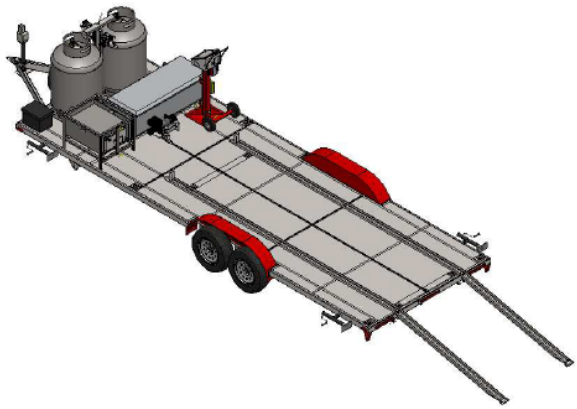
PRODUCT INFORMATION
FALCON DX SERIES

Falcon Transporters

Select Falcon Series prop designs include built-in securing devices for transport trailer application. Fireblast offers two (2) transporter designs to choose from, open and enclosed, in a variety of sizes to best fit your chosen Falcon DX mockups. The Falcon Flatbed Mobile (FLM) and Falcon Enclosed Mobile (ECM) offer the ability to transport the training device(s) to any location and create realistic training scenarios. Trailers are built under DOT compliancy and include required lighting, markings, and safety equipment. Trailers are designed as tandem axle tow behind trailers. Three (3) axle trailers, gooseneck and 5th wheel units are also available upon request.

The Falcon FLM is a flatbed transporter available in 24, 28 and 30ft models.

Falcon FLM Features



- Steel frame construction
- 12k Tandem axle trailer
- Electric brakes
- Heavy duty load E tire rating
- Spare tire and mount
- DOT lighting and reflectors
- Two (2) 420lb LPG cylinders
- LPG fuel distribution and regulation
- Fuel safety shut off location
- Floor track guide system
- Four (4) Support jacks
- Loading ramps
- Storage box
- Battery with vehicle charging capabilities
- Designated and secured anchor locations for all operation equipment
- 8,000lb loading winch – (Included with Falcon Car and Falcon Helicopter units)
- *Falcon Car requires a minimum 24ft transporter.

The Falcon ECM is an enclosed transporter available in 24, and 28ft models.

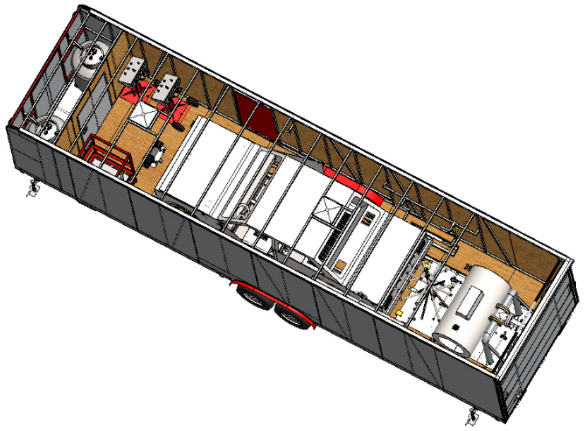
Falcon ECM Features

- Steel frame construction
- 12k Tandem axle trailer
- Electric brakes
- Heavy duty load E tire rating
- Spare tire and mount
- Exterior .040 white aluminum baked enamel finish
- Single piece aluminum roof
- Roof vents

Fireblast Global
Phone +1.951.277.8319
Fax +1.951.279.1705
www.fireblast.com

PRODUCT INFORMATION
FALCON DX SERIES

Interior dome lights
Side entrance step
DOT lighting and reflectors
Two (2) 420lb LPG cylinders
LPG fuel distribution and regulation
Fuel safety shut off location
Floor track guide system
Four (4) Support jacks
Loading ramps
Battery with vehicle charging capabilities
Designated and secured anchor locations for all operation equipment
8,000lb loading winch – (Included with Falcon DX Car)
*Falcon Car requires a minimum 24ft transporter.
*Falcon Helicopter enclosed transporter not available.



Optional Features

Choice of exterior enamel from Fireblast color chart

Enclosed LPG storage area

Fireblast Global
Phone +1.951.277.8319
Fax +1.951.279.1705
www.fireblast.com

PRODUCT INFORMATION
FALCON DX SERIES

Fireblast Global® Advantage – The control system utilizes high quality electronic components including PLC and flame sensors with burner management equipment that is available worldwide making service and maintenance items available locally.

Fireblast Global® Advantage – Fireblast Global is a California Corporation with a 34,000 sqft manufacturing facility in Corona. All products are 100% made in the USA.

Fireblast Global® Advantage – Fireblast Global has a culture of continuous improvement working to improve processes, products, and the customer experience daily. Each member of our team is actively engaged in the learning culture that is modeled from Lean Manufacturing principals, better known as TPS or the Toyota Production System.

Fireblast Global® Advantage – Fireblast Global is a Certified UL 508A panel building facility. All electrical control panels are labeled in compliancy. Additionally, all Fireblast products are tested in compliancy to all required codes and standards.

Fireblast Global® Advantage – The Falcon DX props do not require a mandatory cool down period or cooling system to avoid damage to the prop and inhibit training. The trainer is designed to allow for continuous burning with a full range of flames throughout the training exercise.

***GSA Contract Number – 47QSWA20D007M*

This email and any files transmitted with it are confidential and intended solely for the use of the individual or the entity to whom they are addressed. If you have received this email in error, please notify Fireblast Global. It is strictly forbidden to share any part of this message with any third party, without a written consent of the Fireblast Global. If you are not the intended recipient, are notified that disclosing, copying, distibuting or taking any action in reliance on the contents of this information is strickly prohibited. If you received this message by mistake, please reply to this message and follow with its deletion, so that we can ensure such a mistake does not occur in the future.

Fireblast Global
Phone +1.951.277.8319
Fax +1.951.279.1705
www.fireblast.com