

H.L.T.S. Specifications

Hose Line Training System



BASE PACKAGE



Pilot Module

Controls the pilot flame and four individual burn zones. Its integrated controls and forced-air pilot provide reliable operation across multiple props, with optional smoke and sound connections.

Dimensions 17.08" x 34.93" x 22.05"

Weight 108 lbs.

Construction Stainless steel housing, brass, copper and aluminum plumbing and fittings

Propane Usage Average of 6 gallons/min.; Maximum of 10 gallons/min. at full burn rate



Burner Tray

Creates a realistic, controlled fire for hose line and extinguisher training. Its four-zone burner system, water bath, and modular design support interchangeable props and multiple extinguishing agents.

Dimensions 17" x 72" x 48"

Weight 170 lbs.

Construction Stainless steel

Control Wire remote with dead-man button, optional wireless remote

Fuel Liquid propane



Mobile Control Console with Wired or Wireless Remote

Serves as the system's primary operating and safety center. It houses the gas controls, pressure regulation, safety shutoffs, emergency stop, and system indicators, with 50-foot connections for flexible placement.

Dimensions 3.71 ft. x 1.63 ft. x 2.92 ft.

Weight 121 lbs. (wired); 152 lbs. (wireless)

AVAILABLE ADD-ONS



Vehicle Prop

Creates realistic vehicle fire and rescue training scenarios with functional doors, a pryable and rollable hood, a smashable headlight, and an integrated wheel fire. A built-in cooling system and heavy-duty locking casters support durability and easy positioning.

Dimensions 53.41" x 152.55" x 68.2"

Weight 1,800 lbs.



Pressure Vessel Prop

Creates realistic pressure-vessel fire and hazmat training scenarios with three burn zones, a working service-valve fire, a lock-cutting dome, and a simulated cracked-tank spill. Heavy-duty locking casters allow for easy positioning.

Dimensions 63.05" x 90.31" x 27.56"

Weight 700 lbs.



Transport Trailer

Provides a mobile platform for transporting and storing the HLTS, one training prop, and accessories. It includes loading ramps, a winch, tie-downs, propane tanks, a generator, accessory storage, and a full-size spare tire.

Dimensions 24 ft. (plus tongue) x 8.25 ft.

Weight 2,500 lbs.

Max. Weight 9,999 lbs.



Boil Over

Creates realistic vessel and chemical-leak fire scenarios using four burn zones, including side, rim, and vertical spill fires. A water-based leakage simulator adds realism, while heavy-duty casters allow easy positioning.

Note: To run boilover and exterior spill fire simultaneously, an additional Pilot Box, Control Console and Get Started Kit is required.

Dimensions 94.06" x 89" x 64"

Weight 1600 lbs.



Trashcan Prop

Simulates a realistic trash can fire for hose line training. The prop mounts directly to the HLTS Burn Tray and utilizes all four burn zones.

Dimensions 38.35" x 48.74" x 25.83"

Weight 300 lbs.

AVAILABLE ADD-ONS

	Barbeque Grill Prop	Creates realistic grill, grease, and propane-tank fire scenarios. It features a working lid, simulated damaged burners, a grease-fire burn tray, a working service-valve fire, and heavy-duty casters for easy positioning.	Dimensions 38.63" x 64" x 22.24" Weight 380 lbs.
	Dumpster Prop	Creates realistic dumpster-fire training using a modified commercial dumpster with two independently controlled burn zones and two intensity levels. A functional removable lid and heavy-duty casters support varied scenarios and easy positioning.	Dimensions 45.72" x 80.21" x 44.45" Weight 700 lbs.
	Gas Meter Prop	Creates realistic residential gas-meter fire scenarios with two adjustable burn zones: a regulator fire with a working service valve and a leaking union fire. Heavy-duty casters allow for easy positioning.	Dimensions 36.2" x 29.4" x 20.21" Weight 110 lbs.
	Electric Motor Prop	Simulates an industrial electric motor fire for realistic hose line training. The prop mounts directly to the HLTS Burn Tray and utilizes all four burn zones.	Dimensions 26.32" x 48.38" x 19.68" Weight 120 lbs (54.4 kgs)
	Paint Locker Prop	Creates realistic flammable-storage fire scenarios with functional doors, simulated paint cans, and two shelf-level burn zones with varying intensity. Anti-tilt bracing arms provide added stability during training.	Dimensions 60.05" x 36" x 36.95" Weight 290 lbs.
	Pipe and Valve Assembly Prop (Christmas Tree)	Creates realistic wellhead fire and valve-control scenarios with two burn zones and two intensity levels. Six different shutoff valves allow trainees to practice various valve actuation methods.	Dimensions 73.68" x 39.22" x 39.79" Weight 70 lb.
	Split Pipe Flange Prop	Creates realistic industrial fire scenarios with a working service-valve fire and flange fire. Its two burn zones offer two intensity levels, while the integrated water tray helps protect the training surface.	Dimensions 13.48" x 76.88" x 30.88" Weight 130 lbs.
	Propane Cylinder Prop	Creates realistic propane-cylinder fire scenarios using four burn zones—two from the cylinders and two from the HLTS Burn Tray. Cylinder fires simulate flames from both a gas valve and a pressure-relief blow-off.	Dimensions 46" x 52.5" x 25.06" Weight 190 lbs.
	Stove Prop	Creates realistic kitchen fire scenarios with separate stovetop and oven burn zones, each offering two intensity levels. It features a functional burner control knob and working oven door.	Dimensions 35.94" x 35.21" x 30.65" Weight 300 lbs.
	Helicopter Prop	Creates realistic aircraft fire and rescue scenarios with a UH-60 Black Hawk-inspired fuselage, functional cockpit and cargo doors, rotating blades, and multiple burn zones. An integrated cooling system supports extended training, while heavy-duty casters allow easy positioning.	Dimensions 102.25" x 291.75" x 262.75" Weight 4,600 lbs.

All training products include a 1 year warranty and are made the United States of America, unless otherwise specified.