



FIREFIGHTING ROBOT

# THERMITE® EV1

## > NEXT GENERATION THERMITE® EV1 ALL-ELECTRIC FIREFIGHTING ROBOT

The Thermite® EV1 is an all-electric firefighting robot that provides real-time situational awareness. Thermite EV1 safely and effectively targets fires with its modular design, including a multi-position nozzle and additional attachments. Instead of a traditional internal combustion engine, the Thermite EV1 is powered with the latest in high-capacity battery technology; and unlike these flammable fuel consuming engines, it does not require oxygen for power, enabling the firefighting robot to move farther into dangerous high-temperature oxygen deprived environments.

**MAX FLOW RATE**  
700 GPM / 2650 LPM

**DIMENSIONS**  
L 75 IN / 190.5 CM  
W 38 IN / 96.5 CM  
H 51 IN / 129.5 CM

[THERMITE.NET](https://thermite.net) →



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# THERMITE® EV1

ALL-ELECTRIC FIREFIGHTING ROBOT

## SYSTEM

### TRACKS

Industrial-grade belted rubber

### WINCH

5000 lb / 2268 kg capacity

### VIDEO SYSTEM

HD (standard)

### DRIVE SYSTEM

200-amp hour battery system  
Dual Electric Drive

## MONITOR

### MAKE & MODEL

Elkhart Brass Cobra

### MAX STREAM VERTICAL

+150 ft / 50 m

### MAX STREAM HORIZONTAL

+300 ft / 100 m

### MAX PSI/BARS

200 psi / 13 bar

### FLOW

700 GPM / 2650 LPM

## DIMENSIONS

### VEHICLE WEIGHT

1,550 lb / 703 kg  
depending on attachments

### GROUND CLEARANCE

6 in / 17.8 cm

### LENGTH

75 in / 190.5 cm

### WIDTH

38 in / 96.5 cm

### HEIGHT

43 in / 109.2 cm (top of halo)  
51 in / 129.5 cm (top of antenna)



## FEATURES

- > 700 GPM / 2650 LPM nozzle
- > Stand off range of over 300 m / 984 ft
- > Track and vehicle cooling sprayers
- > Provides reconnaissance and situational awareness in high risk areas
- > Optional attachments: Gas detection, scene lighting, thermal camera

## SYSTEM PERFORMANCE

### RANGE

300 m / 984 ft  
Environment dependent

### SPEED

5 mph / 8 kph

### MAX GRADE SLOPE

+50%

### MAX SIDE SLOPE

35%