

TREAD BOLDLY



HOWE X HOWE

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.

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# THERMITE® EV1

ALL-ELECTRIC FIREFIGHTING ROBOT



## SYSTEM

**TRACKS**  
Industrial-grade  
belted rubber

**WINCH**  
5,000 lb 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**  
1250 gpm

## 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

- 1,250 gpm nozzle
- Stand off range of over 300 m
- Track and vehicle cooling sprayers
- Up to 20 hr of runtime
- High strength industrial-grade belted rubber tracks
- Provides reconnaissance and situational awareness in high risk areas

## SYSTEM PERFORMANCE

**RANGE**  
300 m environment  
dependent

**SPEED**  
5 mph /  
8 kph

**MAX GRADE SLOPE**  
+50%

**MAX SIDE SLOPE**  
35%