

TREAD BOLDLY



HOWE X HOWE

ROBOT

FIREFIGHTING ROBOT

# THERMITE® RS1

## > UNSURPASSED MOBILITY WITH MAXIMUM STANDOFF

Thermite RS1 is the most capable, durable and reliable firefighting robot on the market. The RS1 is remotely operated with a backpack controller that provides high-definition and infrared video in real-time, allowing the machine to traverse hazardous terrain with maximum control. Manufactured by leaders in robotic innovation, RS1 has the power to push vehicles from its path, the agility to climb stairs and the ability to output a maximum 1,250 gpm. Thermite is designed as an advanced tool to help operators combat fires safely and efficiently.

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**MAX FLOW RATE**  
1250 GPM / 4732 LPM

**DIMENSIONS**  
L 77.25 IN / 196 CM  
W 44 IN / 112 CM  
H 64 IN / 163 CM



# THERMITE RSI

FIREFIGHTING ROBOT

## SYSTEM

**TRACKS**  
Industrial-grade belted rubber

**POWER TRANSMISSION**  
Hydrostatic

**TYPE**  
Independent propulsion

**WINCH**  
5000 lbs / 2268 kg capacity

**VIDEO SYSTEM**  
DTV (standard)  
FLIR thermal (optional)

## MONITOR

**MAKE & MODEL**  
Elkhart Brass Cobra

**MAX STREAM HORIZONTAL**  
+300 ft / 100 m

**FLOW**  
1250 gpm / 4732 lpm

**MAX PSI/BARS**  
200 psi

**MAX STREAM VERTICAL**  
+150 ft / 50 m

## SYSTEM PERFORMANCE

**MAX GRADE SLOPE**  
+50%

**RANGE**  
300 m / 984ft environment dependent

**MAX SIDE SLOPE**  
35%

**SPEED**  
6 mph / 10 kph

## ENGINE

### ENGINE DESCRIPTION

24 hp, diesel, 4 stroke, water cooled

## DIMENSIONS

**LENGTH**  
77.25 in / 196 cm

**HEIGHT**  
64 in / 163 cm

**WIDTH**  
44 in / 112 cm

**GROUND CLEARANCE**  
8 in / 20 cm

**VEHICLE WEIGHT**  
+/- 1600 lb / 726 kg

## FEATURES

- > 24 hp diesel engine
- > 1250 gpm / 4732 lpm nozzle
- > Stand off range of over 300 m / 984 ft
- > Track and vehicle cooling sprayers
- > Up to 20 hrs of runtime without refueling
- > High strength construction grade tracks and road wheels
- > Provides reconnaissance and situational awareness in high risk areas
- > Optional attachments: foam nozzle and scene lighting