

TREAD BOLDLY

HOWE X HOWE



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.

**MAX FLOW  
RATE**  
1,250 GPM

**DIMENSIONS**  
L 77.25 IN  
W 44 IN  
H 64 IN

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# THERMITE RS1

FIREFIGHTING ROBOT

## ENGINE

**ENGINE DESCRIPTION**  
24 hp, diesel, 4 stroke, water cooled

**MAKE & MODEL**  
Kohler KDW1003

## SYSTEM

**TRACKS**  
Industrial-grade belted rubber

**POWER TRANSMISSION**  
Hydrostatic

**TYPE**  
Independent propulsion

**WINCH**  
5,000 lb capacity

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

## MONITOR

**MAKE & MODEL**  
Elkhart Brass Cobra

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

**FLOW**  
1,250 gpm

**MAX PSI/BARS**  
200 psi

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

## SYSTEM PERFORMANCE

**MAX GRADE SLOPE**  
+50%

**RANGE**  
300 m environment dependent

**MAX SIDE SLOPE**  
35%

**SPEED**  
6 mph

## DIMENSIONS

**LENGTH**  
77.25 in

**HEIGHT**  
64 in

**WIDTH**  
44 in

**GROUND CLEARANCE**  
8 in

**VEHICLE WEIGHT**  
+/- 1,600 lb

## FEATURES

- > 24 hp diesel engine
- > 1,250 gpm nozzle
- > Stand off range of over 300 m
- > 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