

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

DIMENSIONS

LENGTH
77.25 in

HEIGHT
64 in

WIDTH
44 in

GROUND CLEARANCE
8 in

VEHICLE WEIGHT
+/- 1,600 lb

SYSTEM

TRACKS
Industrial-grade belted rubber

POWER TRANSMISSION
2 or 4-Door International HV 507

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

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