



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 ruggedized and radio-agnostic ground control station (GCS) 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, the Thermite RS1 is designed as an advanced tool to help operators combat fire safely and efficiently.

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)

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, thermal camera and scene lighting