



> CAPABLE OF OUTPUTTING  
2,500 GPM FLOW RATE

The Thermite RS3 is a super-high volume, low center of gravity, wide chassis, industrial firefighting robot. The RS3 is remotely operated with a ruggedized and radio-agnostic ground control station (GCS) that provides high-definition video feedback for ultimate maneuverability in difficult conditions. The RS3's modular design and wider stance allows additional equipment to be incorporated, including a plow assembly and positive pressure ventilation (PPV) ventilator. Fabricated using industrial-grade steel reinforced rubber tracks, RS3 can navigate rugged terrain and withstand exposure to the extreme elements.

**MAX FLOW RATE**  
2500 GPM / 9464 LPM

**DIMENSIONS**  
L 120 IN / 304.8 CM  
W 65.5 IN / 166 CM  
H 64.5 IN / 164 CM



# THERMITE RS3

FIREFIGHTING ROBOT

## SYSTEM

### TRACKS

Industrial-grade belted rubber

### WINCH

8000 lb / 3629 kg capacity

### VIDEO SYSTEM

DTV (standard)

### POWER

#### TRANSMISSION

Hydrostatic

### TYPE

Independent propulsion

## MONITOR

### MAKE & MODEL

Elkhart Brass EXM 2 Scorpion

### MAX STREAM VERTICAL

+150 ft / 50 m

### MAX STREAM HORIZONTAL

+300 ft / 100 m

### MAX PSI/BARS

200 psi

### FLOW

2500 gpm / 9464 lpm

## DIMENSIONS

### VEHICLE WEIGHT

+/- 3,500 lb / 1588 kg depending on attachments

### GROUND CLEARANCE

10 in / 25 cm

### LENGTH

120 in / 304.8 cm

### WIDTH

65.5 in / 166 cm

### HEIGHT

64.5 in / 163.83 cm

## OPTIONAL ATTACHMENTS

- > Foam Nozzle
- > Foam Tank
- > Scene Lighting
- > Thermal Camera
- > PPV Ventilator
  - Max PPV Tilt: 35 degrees above horizontal
  - Flow: 9,200 cfm
- > Plow Assembly
  - Height: 13 in / 33 cm
  - Width: 65 in / 165 cm
- > Dimensions with Attachments
  - Length: 87 in / 221 cm
  - Width: 65 in / 165 cm
  - Height: 74-96 in / 188-244 cm

## SYSTEM PERFORMANCE

### RANGE

300 m / 984 ft environment dependent

### SPEED

8 mph / 13 kph

### MAX GRADE SLOPE

+50%

### MAX SIDE SLOPE

35%

## ENGINE

### ENGINE DESCRIPTION

36.8 hp, diesel, 4 stroke, water cooled

### FUEL CAPACITY

9 gal / 34 lit

## FEATURES

- > Track and vehicle cooling sprayers
- > Up to 20 hr of runtime without refueling
- > Provides reconnaissance and situational awareness in high risk areas