

TREAD BOLDLY



HOWE X HOWE

FF

ROBOT

THERMITE

FIREFIGHTING ROBOT

# THERMITE® RS3

## > 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 bellypack controller 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.

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

**DIMENSIONS**  
L 84.25 IN / 214 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)  
FLIR thermal (optional)

#### POWER TRANSMISSION

Hydrostatic

#### TYPE

Independent propulsion

### MONITOR

#### MAKE & MODEL

Elkhart Brass 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

84.25 in / 214 cm

#### WIDTH

65.5 in / 166 cm

#### HEIGHT

64.5 in / 163.83 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

### OPTIONAL ATTACHMENTS

- > Foam Nozzle
- > Foam Tank
- > Scene Lighting
- > 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

### FEATURES

- > 36.8 hp diesel engine
- > 2500 gpm / 9464 lpm nozzle
- > Stand off range of over 300 m / 984 ft
- > Track and vehicle cooling sprayers
- > Up to 20 hr of runtime without refueling
- > High strength industrial-grade belted rubber tracks
- > Provides reconnaissance and situational awareness in high risk areas