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.
THERMITE RS3

**SYSTEM**

- **TRACKS DESCRIPTION**
  Industrial-grade belted rubber

- **POWER TRANSMISSION**
  Hydrostatic

- **TYPE**
  Independent propulsion

- **WINCH**
  8,000 lb capacity

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

**DIMENSIONS**

- **VEHICLE WEIGHT**
  +/- 3,500 lb depending on attachments

- **GROUND CLEARANCE**
  10 in

- **LENGTH**
  84.25 in

- **WIDTH**
  65.5 in

- **HEIGHT**
  64.5 in

**MONITOR**

- **MAKE & MODEL**
  Elkhart Brass Scorpion

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

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

- **MAX PSI/BARS**
  200 psi

- **FLOW**
  2,500 gpm

**SYSTEM PERFORMANCE**

- **MAX GRADE SLOPE**
  +50%

- **MAX SIDE SLOPE**
  35%

- **RANGE**
  +300-500 m

- **SPEED**
  8 mph

**ENGINE**

- **MAKE & MODEL**
  Yanmar 3TNV88C

- **FUEL CAPACITY**
  9 gal

- **ENGINE DESCRIPTION**
  36.8 hp, diesel, 4 stroke, water cooled

**OPTIONAL ATTACHMENTS**

- **FOAM NOZZLE**
- **FOAM TANK**

- **SCENE LIGHTING**
- **COMPRESSED AIR FOAM SYSTEM (CAFS)**

- **PPV VENTILATOR**
  - Max PPV Tilt: 35 degrees above horizontal
  - Flow: 9,200 cfm

- **PLOW ASSEMBLY**
  - Height: 13 in
  - Width: 65 in

- **FLOW**
  2,500 gpm

<table>
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<tr>
<th>FEATURES</th>
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<tbody>
<tr>
<td>- 36.8 hp diesel engine</td>
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<tr>
<td>- 2,500 gpm nozzle</td>
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<tr>
<td>- Stand off range of over 300-500 m</td>
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<tr>
<td>- Track and vehicle cooling sprayers</td>
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<tr>
<td>- Up to 20 hr of runtime without refueling</td>
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<tr>
<td>- High strength industrial-grade belted rubber tracks</td>
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<td>- Provides reconnaissance and situational awareness in high risk areas</td>
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**LENGTH WITH ATTACHMENTS**

- +/- 74-96 in

**WIDTH WITH ATTACHMENTS**

- +/- 65 in

**HEIGHT WITH ATTACHMENTS**

- 87 in