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.

**CAPABLE OF OUTPUTTING 2,500 GPM FLOW RATE**

- **MAX FLOW RATE**: 2,500 GPM
- **DIMENSIONS**:
  - L 120 IN
  - W 65.5 IN
  - H 64.75 IN

[TREAD BOLDLY]

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[THERMITE™ RS3]

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**THERMITE RS3**

**FIREFIGHTING ROBOT**

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**SYSTEM**

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

- **WINCH**
  - 8,000 lb capacity

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

- **POWER TRANSMISSION**
  - Hydrostatic

- **TYPE**
  - Independent propulsion

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**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**
  - 2,500 gpm

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**DIMENSIONS**

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

- **GROUND CLEARANCE**
  - 10 in

- **LENGTH**
  - 120 in

- **WIDTH**
  - 65.5 in

- **HEIGHT**
  - 64.75 in

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**SYSTEM PERFORMANCE**

- **RANGE**
  - 300 m environment dependent

- **SPEED**
  - 8 mph

- **MAX GRADE SLOPE**
  - +50%

- **MAX SIDE SLOPE**
  - 35%

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**ENGINE**

- **MAKE & MODEL**
  - Yanmar 3TNV88C

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

- **FUEL CAPACITY**
  - 9 gal

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**FEATURES**

- 36.8 hp diesel engine
- 2,500 gpm nozzle
- Stand off range of over 300 m
- 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

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**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
  - Width: 65 in
- Dimensions with Attachments
  - Length: 115 in
  - Width: 65.5 in
  - Height: 87.75 in