# THERMITE™ RS3

## MAXIMUM STANDOFF WITH AN OUTPUT OF 2,500 GALLONS PER MINUTE

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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**TEXTRON** Systems

**HOWE & HOWE**

# 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

**LENGTH WITH ATTACHMENTS**
+/- 74-96 in

**WIDTH WITH ATTACHMENTS**
+/- 65 in

**HEIGHT WITH ATTACHMENTS**
87 in

## FEATURES

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