

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



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



ENGINE

MAKE & MODEL
Yanmar 3TNV88C

FUEL CAPACITY
9 gal

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