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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**
2,500 GPM

DIMENSIONS
L 120 IN
W 65.5 IN
H 64.75 IN



THERMITE RS3

FIREFIGHTING ROBOT

SYSTEM

TRACKS

Industrial-grade
belted rubber

WINCH

8,000 lb 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

2,500 gpm

DIMENSIONS

VEHICLE WEIGHT

+/- 3,500 lb depending
on attachments

GROUND CLEARANCE

10 in

LENGTH

120 in

WIDTH

65.5 in

HEIGHT

64.75 in

SYSTEM PERFORMANCE

RANGE

300 m environment
dependent

SPEED

8 mph

MAX GRADE SLOPE

+50%

MAX SIDE SLOPE

35%

ENGINE

MAKE & MODEL

Yanmar 3TNV88C

ENGINE DESCRIPTION

36.8 hp, diesel, 4 stroke, water cooled

FUEL CAPACITY

9 gal

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

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