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TECHNOLOGIES

HOWE AND HOWE TECHNOLOGIES ROBOTIC SOLUTIONS

RS1-RBS1 "SWAT BOT"™



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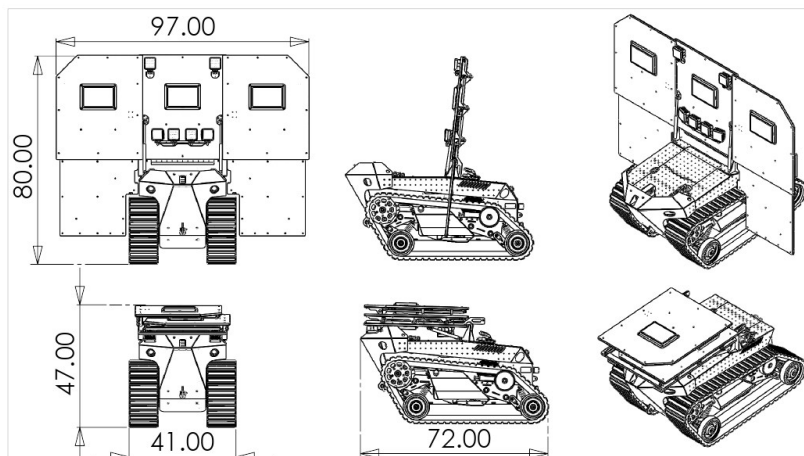


Operational and Performance Capabilities

- Designed to traverse the most rugged of terrain
- Durability to withstand challenges other robots this size would not be able to endure
- Constructed of A440f steel, aircraft grade aluminum, and high quality components
- Designed for long life and low maintenance
- Removes human element from danger
- Startup of full robotic functions in 5 seconds, significantly lowering response times
- 100% handcrafted in the USA and draws upon years of robotic research
- Dimensions Stowed: 72" L x 41" W x 47" H
- Dimensions Expanded: 72" L x 97" W x 80" H
- Weight: 2290 lbs
- Draw bar pull: 1270lbs on asphalt, 1040lbs on concrete
- 25hp Diesel Engine

Technical Approach

The R.obotic B.allistic S.hield 1 (RBS1) or "Swat Bot"™ concept was created in coordination with the Massachusetts State Police. It utilizes the RS-1™ base platform, collapsible ballistics shield, and a hardened AR400 steel nose shield to protect those in the line of fire. Standard procedures for approaching a hostile environment meant utilizing a shield barely larger than the human torso for protection. The "SWAT Bot"™ offers the operator and team adequate cover from hailing gunfire and explosive scenarios.



For further information on the RS-1™, please contact: Ron Lemons,
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