

SAVING LIVES AND INCREASING PRODUCTIVITY

EMERGENCY
ROBOT **G1**



www.vinn.co

● INNOVATION ● ROBOTICS ● ARTIFICIAL INTELLIGENCE

EMERGENCY ROBOT G1



Our Priority prevails on making the best out of technology to serve lives and reinforce productivity. We have a wide array of products ranging from AI to Robotics & Drones to Indoor inspections etc which can be used in complex tasks keeping security and productivity.

VINN Technologies, a team of experts in robotics and artificial intelligence bring you the 'Emergency Robot'. We are a team of capable, experienced, innovative and responsible individuals who are out with an aim to bring a change in the emergency disaster response industry.

Emergency Robot is an Innovation, Make in India.

We believe that with our knowledge, expertise and skills, and your support, we can revolutionize the emergency response industry. With over 40 percent of first responder's deaths are during emergencies, we believe a solution is much needed.

We at VINN Technologies, thrive on innovation. We believe that the universal emergency robot is the key to circumvent various life threatening situations.

Robotics will not put firefighters out of a job, but they can change the nature of their jobs, improving safety, and increasing capability.



Innovative and
Unique Multifunctional
Unmanned Ground Vehicle



Customizable Universal Platform
with configurable hydraulics
and diesel engine for
different applications



Remote Controlled
with Video Feedback



Keeping human out of danger
but still operating from the
safe zone



Increasing
Productivity



Assisting humans in
dangerous jobs

Multifunctional Emergency & Fire Fighting Robot

Firefighting is an important but dangerous occupation. A first responder must be able to get to a fire quickly and safely extinguish the fire and preventing further damage and reduce fatalities. Technology has finally bridged the gap between firefighting and machines allowing for a more efficient and effective method of fire fighting. Emergency Robotic Systems are designed to fight fire before it rages out of control.

VINN Technologies brings you their flagship “MAKE in INDIA” model, the **G1 – An inimitable and only one of its kind offerings.** We’ve developed this state-of-the-art multifunctional robotic system for emergency response. It can be used in extreme conditions, inaccessible areas of high risk, clearing roadblocks and debris to assist and collaborate with human firefighters and first responders to combat deadly fires.

APPLICATIONS

- Fire Fighting and Emergency Response in Hazardous, difficult to access areas, extreme conditions.
- Remote Controlled Monitor
- “Cannon” for cooling down and binding gasses, chemicals etc.
- Smoke Extractor
- Dozer Blade to push up to 3tons and remove debris
- Winch to pull heavy objects
- Detection of hazardous chemicals in the atmosphere
- Finding humans under fallen debris
- Understanding the temperature
- Quick coupling for external hydraulic arrangements like cutter, breaking hammer etc.
- Railway Track System for rails

SALIENT FEATURES

- Robust and Strong structure
- Remote Controlled from 500m to 1.5km (LOS)
- Climbing ability: 35 Degree Gradient (Slop)
- Duration up to 5 hours
- Detachable Fire Fighting Equipment’s like medium expansion foam generator.
- Thermal Camera
- Visual Camera
- Gas Detection
- Less Maintenance
- Safe and Easy to Handle

USES

- Oil and Gas Refineries and Pipelines
- Oil Terminal
- Tanker Fires (LPG, Chemical)
- Chemical and Petrochemical plants and storages
- Flammable Material Storage Warehouses
- Waste Dump Yard and Recycling Plants
- Mining Sites
- Urban Areas and Residential townships
- Airport Hangar
- Industrial Townships
- Nuclear Plant
- Anti Riot
- Tunnel
- Ventilation

At VINN Technologies we believe in having multiple capabilities such as mechanical, electrical, electronic, computing and more. With these capabilities, we have built a tailor-made multi-purpose heavy-duty robotic system.

Contact us to know how we can help you modernize your critical infrastructure.





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