

IFR - 700

Engineered with an optimal power-to-weight ratio, the IFR-700 Fire Fighting Robot delivers performance that rivals far larger machines. Its design emphasizes mobility and resilience, allowing it to operate effectively where heavier systems face limitations. This unique balance makes the IFR-700 a decisive advantage in high-risk firefighting scenarios.



Scan for Demo video

- Flow Rate: Up to 1200 - 3000 LPM
- Operating Pressure: up to 15 bar
- Jet Range: up to 75 meters
- Weight: ~160 kg
- Mobility: Heavy-duty crawler tracks for rubble, slopes, and uneven terrain
- Staircase / Incline climbing ability 30 degree
- Protection Rating: IP69 (dust & water resistant)
- Control: Remote operation range up to 800 meters
- Hours continuous runtime (only monitor 12 hours)
- Nozzle: Remote controlled fire monitor with adjustable spray/jet pattern
- Cameras: Dual PTZ Thermal & Optical zoom surveillance cameras for navigation and targeting
- Rapid Deployment – Lightweight, compact design for quick field use
- High-Performance Suppression – Strong water/foam jet for intense fires
- Safe Operations – Remote-controlled, keeping firefighters out of danger
- Versatile Use – Suitable for industries, warehouses, tunnels, and refineries
- Durable Build – Withstands heat, water spray, and hazardous conditions
- Dimensions - 840*750*77 mm

Manufactured By:

integral
Safety Engineers

Add:P-53, MIDC, Phase 1, Dombivli ,
Mumbai 421 203 INDIA
Tel: +91-7738375888 / 9833860060
Email: info@integralsafety.co.in
Web: www.integralsafety.co.in