



change that doesn't  
cost the earth

# ROTO-FIRE-PAC

## EMERGENCY QUICK RESPONSE UNIT



WWW.FIRE.I-CAT.CO.ZA | 086 112 4228

**‘effective on A,B and F class fires**  
***with minimal collateral damage’***

**‘ROTO-FIRE-PAC IS AN EFFECTIVE  
QUICK RESPONSE UNIT.’**



The **ROTO-FIRE-PAC** unit makes use of T-Rotor Technology. This technology is currently the leading misting technology internationally, extinguishing class A, B and F fires by using Foam Mist as the agent. The unit creates a fine atomised mist, charged with kinetic energy to penetrate the heat radiation caused by a fire. The **ROTO-FIRE-PAC** ensures gradual cooling without causing thermal shock to equipment.

#### Technical Specifications

Extinguishing Agent	<b>Foam mist (water)</b>
Extinguishing Agent Weight	<b>12 liters pressurised</b>
Pressurised Medium	<b>Nitrogen</b>
Charging Pressure	<b>17 Bar</b>
Operating Pressure	<b>4 Bar</b>
Stream / Mist Range	<b>Up to 11 meters</b>
Working Time	<b>Up to 80 seconds</b>
Working Temperature	<b>5°C to 60°C</b>
Storage Temperature	<b>5°C to 60°C</b>
Total Weight	<b>23.5 Kilograms</b>





- ROTOR TECHNOLOGY

**I·CAT**  
**FIRE SYSTEMS**

**'unique features,** \_\_\_\_\_  
**easy to use and safe to use on Class A, B & F fire'**

**EFFECTIVE & SUSTAINABLE:**

- Directional control of stream allows for fire suppression from any angle
- Increased safety for operators compared to other technologies
- Nozzle creates a mist "halo" that protects the firefighters from radiated heat and smoke
- A totally sustainable technology safe for people, property and the environment
- Compact, mobile and effortless to use
- Easy and economical to refill
- Gives the suppression capability of a traditional 1 000 litre system



**APPLICATIONS:**

- Mining Proto Teams
- High structures and conveyors
- Fuel storage areas
- Underground and mining tunnels
- Used in conjunction and to compliment the I-CAT Blaze Buster

## **'ROTO-FIRE-PAC Gun**

*has effective jet and misting settings'*

### THE UNIQUE SUPPRESSION CAPABILITIES OF THE ROTO-FIRE-PAC:

- Flammable solid substances (eg. paper and wood)
- Plastics (eg. polystyrene PS and polypropylene PP)
- Light oil fractions (eg. heptane)
- Medium oil fractions (eg. heating oil)
- Heavy oil fractions (eg. mazute)
- Polar liquids (eg. ethanol)
- Edible oil (eg. grapeseed oil)



### EXTINGUISHING ELECTRICAL EQUIPMENT

The T-Rotor Technology suppresses electrical fires up to a 1000V with limited risk of electrocution to firefighters. The suppression agent causes no thermal shock to equipment. This means there is limited risk of damage to ceramic or other sensitive, costly components.

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