



**We never let this happen to you**

## **Automatic Spark Detection and Water jet Quenching for bales.**

Fire hazard in Spinning mills is widely prevalent due to high traveling speed of cotton in the ducts. Vetral in addition to the Fire Diversion System, Metal Detection System and Cotton Contamination Cleaning machine has brought out a novel arrangement to quench the fire on the bales.

## PRODUCT

BOFES improves the fire safety blanket in the Spinning mill

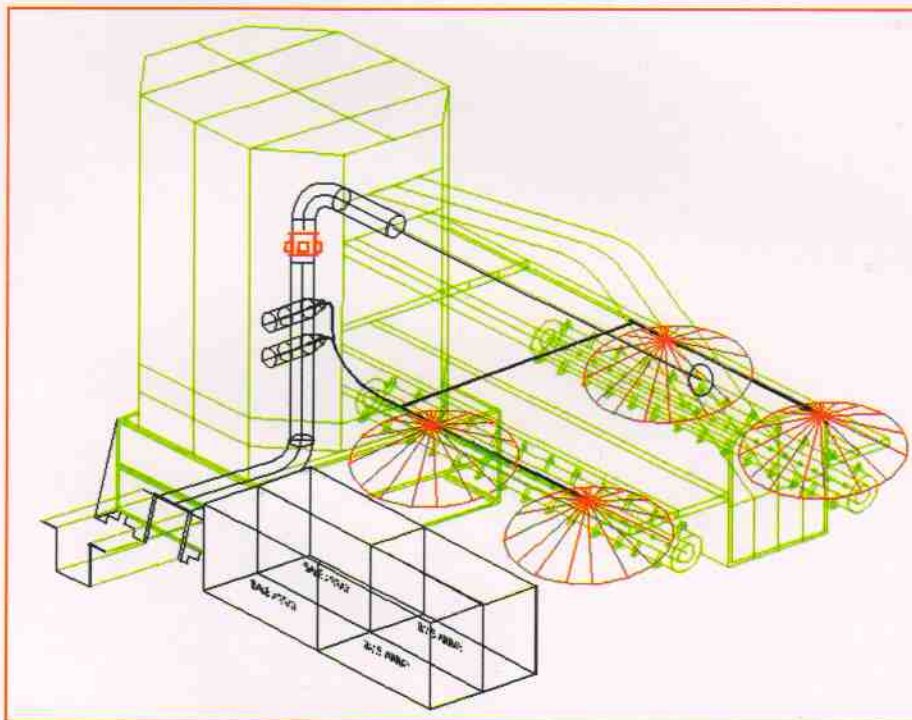
It consists of the following

1. Spark Detector for the detection of Spark in Cotton
2. Air and water tank for storage to release high speed jet of spray water thro the Nozzles.
3. Control unit for interlock, audio and Visual alarm.

## OPERATION

The Cotton Picked by the detacher from the bales and passing through the turret duct is continuously scanned for fire. On detection of Spark the control unit activates the Water Spray Module. The water stored in the tank is released through the nozzles to quench the fire on the bales. The Bale plucker shuts off and the blow room is shutdown.

The System is highly effective and automatic.



## BOFES ADVANTAGES

- Acts as an Early warning System for fire. Since Water jet is used for Quenching, refill is easy.
- The blow room can be put back into operation quickly.
- In built fire extinguishing agent so dependability on other agents very less.
- Serves as a pilot detector for other Fire Diversion System.



**VETAL TEXTILES & ELECTRONICS PVT LTD.**

PLOT NO.1, INDUSTRIAL ESTATE, CIVIL AERODROME POST, COIMBATORE - 641 014, INDIA.

Phone : 91- (0) 422 - 4030500 FAX : 91- (0) 422 - 4030555

Service Centre : 99655 83825

E-mail : [info@vetal.com](mailto:info@vetal.com) / [v.sales@vetal.com](mailto:v.sales@vetal.com) Web : [www.vetal.com](http://www.vetal.com)

