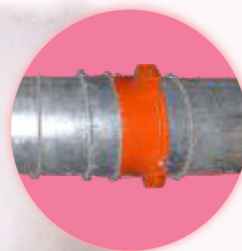




BAJAJ FIRE DETECTION & DIVERSION SYSTEM

NEW DIMENSION TO PREVENT FIRE BY PROTECTION MEASURES

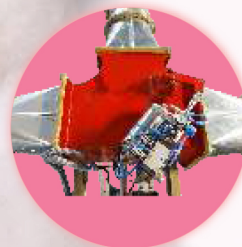
- Dependable Operations
- Minimizes losses
- German technology
- Easy cleaning arrangement for sensors
- Downtime is reduced to minimum
- Extinguishes Hazards without stopping Production
- Easy installation
- Actuates at least once even in power failure



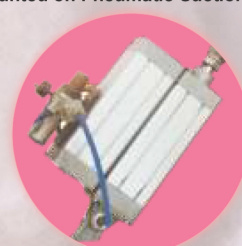
Fire Detecting High Quality Ultraviolet (UV) Sensors
with Housing Mounted on Pneumatic Suction Line



Inbuilt with Heavy Duty Air Filter
& Regulator



Heavy Duty Quick Action Fire Diverter
Mounted on Pneumatic Suction Line



Pneumatic Cylinder with extra Air Reservoir
for one time safe operation once change
without supply of Pneumatic Air

“Quality is never an accident. It is the result of an intelligent effort.
There must be a will to produce a superior thing.

- JOHN RUSKIN”

Installation of fire detection and diversion system is better than fire hazard & loss due to it. Installation cost is recovered even in SINGLE fire prevention

**DESIGNED WITH THE USER IN MIND;
OVER 60 YEARS OF EXPERIENCE AT HAND!**



Manufactured in Technical Collaboration With Central Institute for Research on Cotton Technology (CIRCOT), ICAR, Govt. of India.

BAJAJ FIRE DETECTION & DIVERSION SYSTEM

TECHNICAL DATA OF FIRE DETECTION & DIVERSION SYSTEM FOR GINNING & PRESSING PLANT

Spark Detection	Less Than 8 milli seconds
Output Signal to Relay	24 milli Seconds
Relay Response	Less Than 10 milli seconds
Initiate Alarm & Diversion	Less Than 34 milli seconds
Stops Fan	Less Than 50 milli seconds
Diverter Opening Cycle time	Less Than 250 milli seconds
Detection to Diversion time	Around 300 milli seconds
Distance between Detector & Diverter	Around 7 Meter@ 12 M/Sec Material conveying speed
Operating Temperatures	- 40° to 60° C
Detects Sparks at Speeds	Upto 50 m / sec.

ACCESSORIES SUPPLIED WITH SYSTEM:

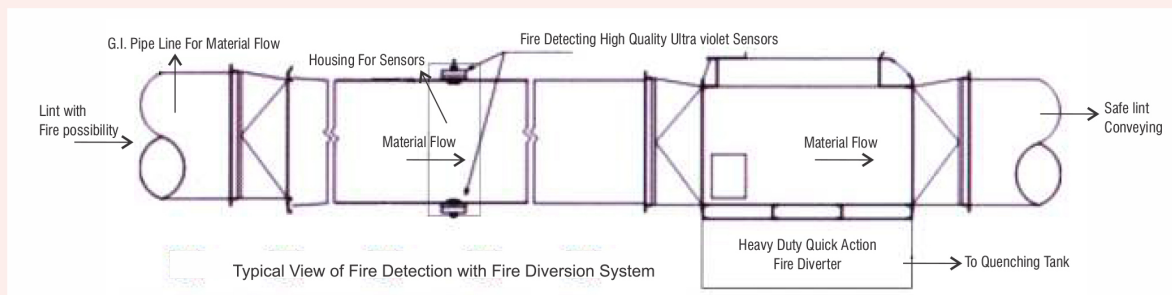
A large capacity fan is provided to create sufficient air pressure to trap the fired material, Hooter / Fire alarm, Pneumatics to actuate diverter, Electrical panel with timers.

OPTIONAL SUPPLY:

Air compressor, Pipe line & accessories for air, Foundation Bolts, Platform Structure, Complete range of spares, Electrical Motor & Electricals.

SALIENT FEATURES :

- Minimizes losses which may be caused by fire.
- Spark detection, burning or flame detection response time is very quick.
- Extinguishes hazards without stopping production.
- User friendly
- Can be easily accommodated into existing production lines with very small or no changes.
- Sensors are very easy to clean and hence specialized manpower not needed to run this system.



BAJAJ GINNING EQUIPMENTS & SYSTEMS

Double Roller Cotton Gin~Auto Feeder~Pre Cleaner~Lint Cleaner~Seed Cotton Opener & Cleaner~Pneumatic Conveying and Distribution System of Unginned Cotton for Automatic Plants~Belt Conveyors & Pneumatic Conveying System for Cotton Lint~Cottonseed Conveyors, Elevators~Electricals and Cotton Baling Presses.

ALWAYS USE

BAJAJ GENUINE SPARE PARTS FOR HIGHER QUALITY OUTPUT & BETTER LIFE OF MACHINE

Note : Features shown do not necessarily show the machine / equipments in it's standards form. In view of our policy of continuously improving our products, we reserve the right to alter specifications or designs without prior notice & without liability .



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