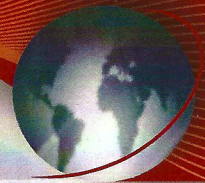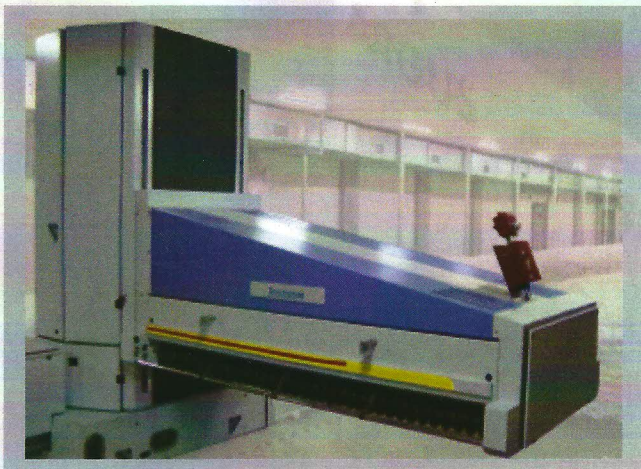# ARGUS

Automatic Fire Protection System for Bale Openers

Protect Your Mill From Devastating Cotton Bale Laydown Fires

A single spark under an Automatic Bale Opener can flash over an entire cotton bale laydown in seconds. This dangerous situation can be avoided with the purchase of an ARGUS FIRE CONTROL WS-15 Fire Protection System.

ARGUS FIRE CONTROL systems detect and control these fires to protect valuable machinery and cotton bales.

The ARGUS system uses Infrared Spark Detectors located inside the Bale Opener to detect a single spark, activate an automatic fire extinguisher, sound alarms, and shut down the machine - all in less than 50 milliseconds.

Features

• The ARGUS 343 infrared spark detector will detect a single spark as small as 2mm and immediately activate the extinguisher system.

• The ARGUS WS-15 system comes standard with an automatic water extinguisher and special fire control spray nozzles designed specifically for Bale Openers.

• The ARGUS Control Panel and Alarm System is mounted on the Bale Opener for the fastest response.

• The Bale Opener is immediately shut down when a spark is detected.

• ARGUS systems can be refilled and recharged on site by mill staff, keeping production downtime to a minimum.

• The ARGUS WS-15 system is also available with a zero residue Gas Extinguishing system, or can be purchased to convert an existing Gas system to a Water based system.
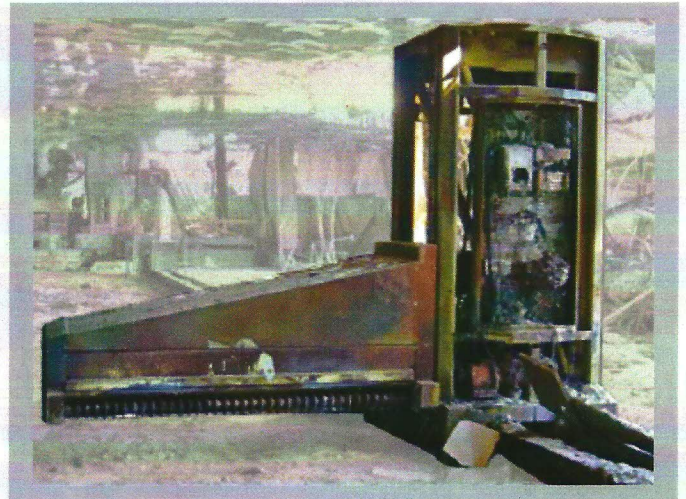
Actual Fire Event
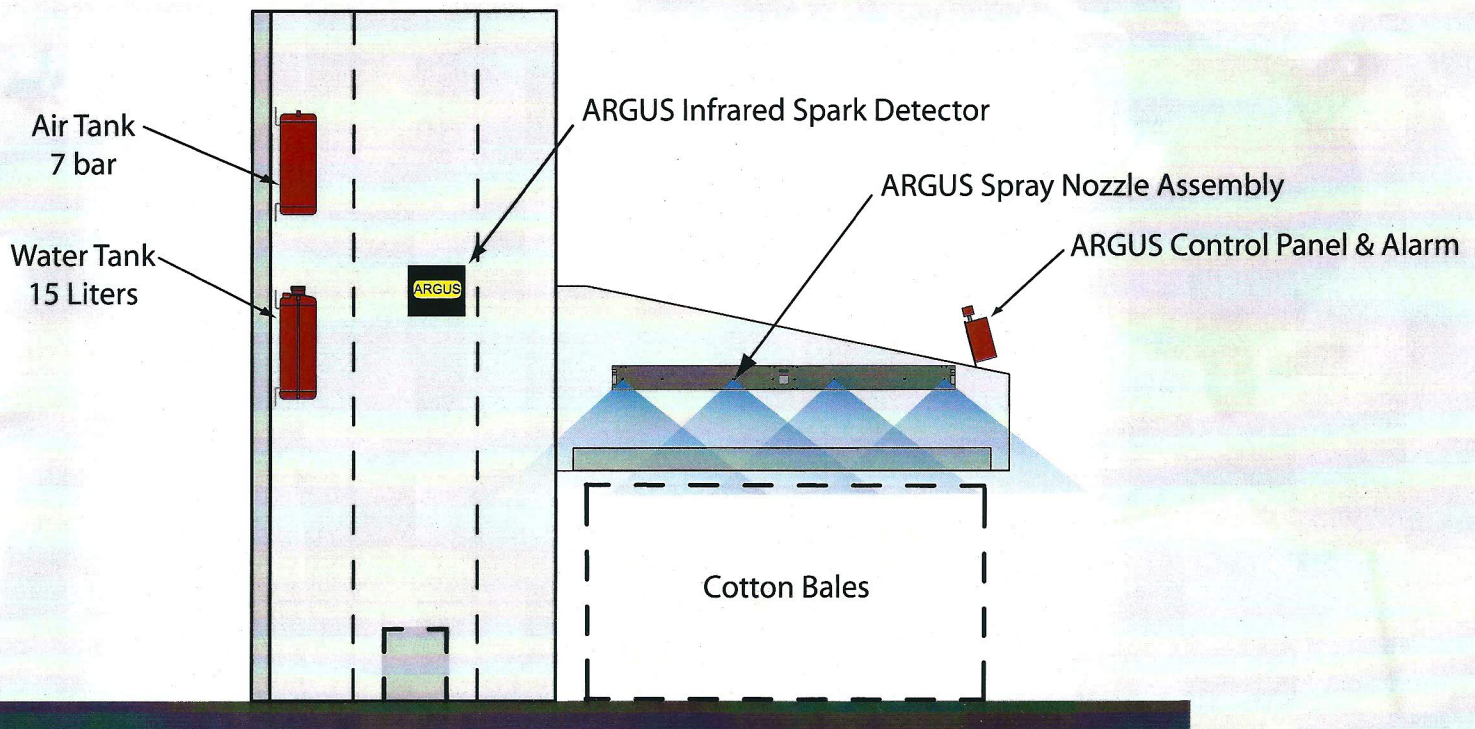
Causes of Sparks and Fires

- "Hot Bales" from the Gin
- Stones in Cotton Bales
- Stray Metal & Wire in Bales
- Loose Metal from Machines
- Electrical Short Circuit
- Friction and Choke Up

Bale Opener Without Fire Protection

ARGUS WS-15 System Typical Installation

Air Tank
7 bar

Water Tank
15 Liters

ARGUS

ARGUS Infrared Spark Detector

ARGUS Spray Nozzle Assembly

ARGUS Control Panel & Alarm

Cotton Bales