GreCon:BS7 Spark Detection Systems

Spark detection systems detect sparks and automatically divert them - thus reducing the risk of dust fires and explosions. In blowroom applications, GreCon spark detection systems are safety devices for ventilation systems in the textile industry and in all production facilities in which cotton or cotton dust are processed. Therefore, depending on the application ares, sparks can be diverted out of the material flow or fires in stenters and dryers can be extinguished.

Overheating, mechanical damage and foreign bodies are some of the main causes of hazardous sparks and glowing embers that can be transported through the processing system. This places certain areas of the plant, such as ginning process, blow room, drier and stenter, in danger and often result in fires or even dust explosions.

Simple control for two lines.

GreCon spark detection systems are preventive fire protection measures. These devices are installed in pneumatic or mechanical conveying systems. They detect the ignition sources in the extraction ducts and automatically divert them within milli-seconds, thus greatly reducing the risk of fire in downstream plant areas.


Optional metal detection in blow room.

Thanks to the fast reaction time of the system, only a relatively small distance between spark detection and diversion device is required. However, an exact engineering of the system, carried by Grecon specialists, is a prerequisite for successful running of the system.

The Grecon patented mounting adapters make it very easy to install the spark detectors. The whole installation is undertaken from the outside. The detector optics are flush-mounted into the duct wall so that the material flow is not disturbed. The unsurpassed sensitivity of the detectors makes a reliable detection of sparks possible, even through dense material flows at the mills.


The picture of famous Gropius building located within the premises of the Fagus-GreCon Greten GmbH & Co. KG

A modern control console with a big display, in which all events are shown, makes the operation of the system very easy and further more all events are stored for the reference of the operator. Standard interfaces are available to transfer data or shut down machinery. The control console has a modular design and can be extended at any time.

The further information can be obtained from Kash International their agent in Pakistan or visiting Grecon their internet homepage at www.grecon.de. ◆

Terrot as one of the world brand leader

Together with their partner Terrot Hong Kong Ltd., Terrot from Germany will present machine model S296 296 296-2 at their booth D01 in hall E2.

Machine features S296 S296-2

Diameter in inches: 34
Gauge E: 28
Number of feeders: 109
Number of needle tracks: 2 (up to 4 available).
Knitting structure: Single Plain
Single structures

Fabric applications

Sports and leisure wear, fashion outerwear and Kids wear.



Fabric samples of machine Model S 296-2

Benefit of upgrades S296 S296-2

- Outstanding flexibility and efficiency in production of whole yarn range, different weights and fabric structures with Spandex plating.
- Customer proven record for processing both cotton and synthetic yarns on highest level of performance.
- Advanced central and individual stitch adjustment with more precise scale unit enhancing accurate stitch adjustment.
- Complete re-engineered knitting head with convertible low cost new cylinder needle.
- Redesigned knitting head with positive needle guidance in cam curve - needles are guided smoothly for less wear and tear and high machine speeds.
- New wear resistant zirconium yarn carriers with Spandex rolls for perfect plating – prevent fluff accumulations.◆