

Scan Slant

Cotton Contamination Cleaning Machine

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42
Years working
Experience

INSPECTION . DETECTION . SORTING

Vetal is a 42 years old ISO 9001 : 2000 certified electronics group company manufacturing products in Coimbatore, South India. Vetal Designs offers quality products and cost – effective solutions for wide range of industrial applications world wide in simplified forms.

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 **Textile Industry**

 **Food Processing Industry**

 **General Processing Industry**

Our Products

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Vetal has a well equipped team of electronics, embedded and software engineers, who are ever ready to meet the demands of the industry. The team has a blend of youth and experience with an average of 20 years in work experience. The consistency, prowess and dexterity of the team is easily visible through indigenously developed, technically challenging world class products.



Textile

Textile Machinery Cotton Sorting,
Foreign Particle Detector



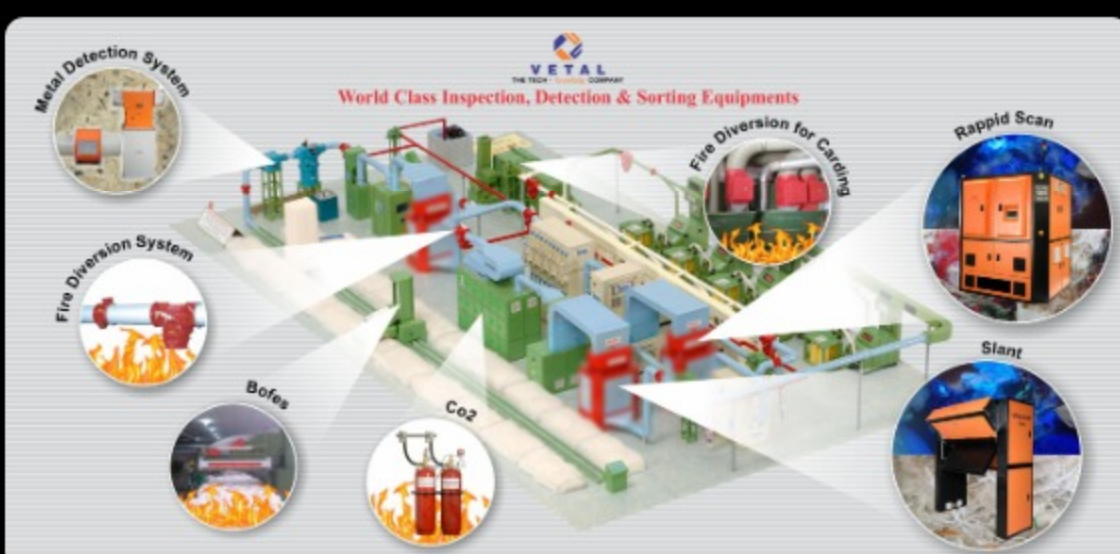
Food

Sorting Machines for Rice, Dal,
Wheat, Dehydrated onion, Tea,
Pulses, etc.,



General

General Products



THE BLOW ROOM MASTER

- ✓ **Cotton Contamination Cleaning Machine** – RAPID SCAN, SLANT
- ✓ **Metal Detector** – RMD
- ✓ **Spark, Fire, Smoke Detector** – BOFES, VECOS, WARFAS

World-Class Inspection, Detection & Sorting Equipment designed to safeguard your production process with precision and reliability.

21 +
Products

2,000 +
Clients


42 +
Years of experience





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Profile

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PROFILE

MISSION

OUR MISSION

Continuous innovation to keep up with the demands of the textile electronics and food grain industry in the area of inspection and sorting applications in the raw material and finished product ends to satisfy the needs of the immediate consumer.

OUR VISION

We develop and bring technological products and solutions on our own and collaborate with worldwide industry leaders for the local application improving the end product quality and value to achieve profit and sustainability.



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01

Textile

Ginning : Spinning : Weaving

Sorting & Detection Equipments for Contamination, Metal, Fire(Spark) in cotton used in spinning (Chute feed blow room with carding), Ginning .

02

**Food Processing
Grain Milling**

Universal Colour Sorters for Grain Milling, X-Ray Inspection for Food Products. VETAL has installations throughout India and a few Southeast Asian countries and breakaway Republics of USSR. Our product range is of high quality in design and our Sales , Service and Spares support extends throughout India through our engineers , agents and representatives.

TIME LINE

THE TRAVEL SO FAR

1983

Founded

1983-1991

Indigenized Infrared technology and developed advanced products for cotton-to-yarn preparation, including broken sliver detection and hopper-level sensing stop motion units.

1992-1999

Spark detector for pneumatically conveying cotton process, fire trap protection, and Electronic Metal detector to minimize machine damage from impurities.

2001-2005

Launched general industry products like Token Display Systems, Security recorders, and Smoke detectors.

2006-2012

VETAL SCAN, the flagship product, implemented in 1200+ customer locations. **RICE SORTER** deployed in 1000+ sites for black impurity removal.

2012-2020

High-tech Vetal scan & Rice sorter with RGB cameras and Ultrasonic technology improved process quality and replaced older machines.

What We Do

Our flagship product, **RAPPID SCAN**, detects pneumatically conveyed cotton in the blowroom and diverts impurities like colored and white PP elements to ensure high-quality cotton output.

We specialize in advanced detection and sorting technologies for the textile and food processing industries, delivering innovative solutions that enhance product quality and operational efficiency.

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WHAT WE DO

WHO WE ARE



History

VETAL was established because of a small Import substitution order for a photocell unit for carding 42 years ago. It was a challenge at that time to match imported products in technology, reliability and to be very economical without huge foreign exchange expenses. Today Vetal has emerged as a technology driven company, offering solutions for problems faced in both the textile cotton spinning industry and in the food processing industry, primarily in the areas of detection and sorting.



Management

Founded in 1983 by R. Venkatesan, an esteemed technocrat from IIT Kanpur, Vetal has grown into a pioneering force in advanced vision and image processing solutions. Since taking the helm over two decades ago, our visionary Managing Director, Raghuraam Raja, has steered the company toward remarkable innovation and growth. Backed by a robust academic foundation and supported by a loyal, highly skilled team with years of collective expertise, Vetal continues to set industry benchmarks. We specialize in delivering cutting-edge solutions tailored for the textiles and agriculture sectors, empowering our clients with transformative technology and unparalleled excellence.

Team

VETAL is run by 100 employees. The Research and Development , Production, Quality Team comprises of more than 40 engineers. All the Senior Level Management are all from engineering background with more than 25 years experience with VETAL. In fact more than 70 % of the people in the company have been associated with VETAL for more than 20 years. This asset is VETAL HI TECH MACHINES PVT LTD the key contributor to VETAL's growth. VETAL has also established service centres all over INDIA and also in some countries. There are about 40 engineers to cater to the post sales activities and customer grievance addressing



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Textile

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TEXTILE MACHINERY



All

Cotton Contamination Cleaning Machines

Fire Diversion System

CO2 - Fire Suppression system

Smoke Detection



SCAN SLANT

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RAPPID SCAN

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GINNING

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TEXTURON

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Food

FOOD

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FOOD MACHINERY

All

Color Sorter

Fruit Sorter

X-Ray Sorter



SIRIUS

Color Sorter

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FRUIT SORTER

Fruit Sorter

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X-RAY SORTER

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All

Photocell Units

Infra Red Photo Cell

VELTORS T- T-EYE



INFRA RED PHOTO CELL

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BLOW ROOM PHOTO CELL
UNIT | ERM – 1001 |
BLOW ROOM

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COILER SLIVER STOP
MOTION UNIT | OF- 02 |
CARDING

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DRAW MASTER UNIT FOR
SLIVER BREAKAGE | DM-
01, DM-02 |

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THERMISTOR PROTECTION
UNIT FOR MOTOR
PROTECTION |

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RIBBON / SLIVER LAP
STOP MOTION UNIT | RBP-
01, SBP – 01

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MULTILEVEL SENSOR TO
REGULATE THE COTTON
LEVEL IN CHUTE

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ROVING CUM SLIVER STOP
MOTION UNIT | SM-02,
SM-03

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