

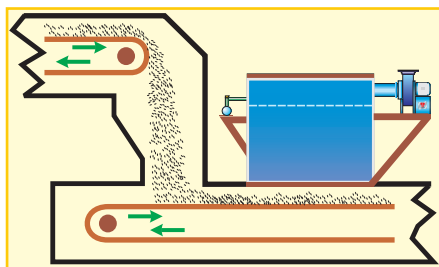


# INSERTABLE BAG FILTERS

Horizontal Bag (TKJ) & Vertical Bag (TKI)

## APPLICATIONS

- **Silos** fed by Pneumatic or Mechanical Conveying Systems need ventilation to take care of flying dust particles. This maintenance free unit is normally top mounted.
- **Belt conveyors:** Transfer points involving two such conveyors or from one conveyor to/from other material handling equipment often involve isolated point(s) where free standing bag filter(s) can be an expensive proposition. The TKI / TKJ can be suitably positioned on the conveyor directly.
- Ventilation of **Air Slides**
- **Bin fluidisation**
- **Truck unloading stations**



One typical arrangement

## THE WIDE RANGE

- **Standard models for**
  - Gas volumes from 1,000m<sup>3</sup>/hr upto 12,000m<sup>3</sup>/hr
  - Filtration area from 5m<sup>2</sup> upto 75m<sup>2</sup>
- **Available in vertical (TKI) and horizontal (TKJ) options**
- **Can be customised for varying filtration areas** with special bag arrangements/construction for specific applications
- **Presence in wide range of industries** : cement, glass, refractories, coal handling plants, iron and steel, abrasives, wood, tea etc

UNIQUE FEATURES	&	MEGA BENEFITS
Compact		Saves space
No ducting / hoppers / structural support		Low investment
Dislodges dust onto the conveyor / silo / bin itself		No secondary dust problems associated with the disposal of collected dust
No rotary airlock valve		Practically maintenance free
Self contained unit		Ready for installation, easily accessible parts

## Our OTHER PRODUCTS

### ✓ Air pollution control

- Cyclones, Multiclones & Spray Cyclones
- Baghouses - PJBFB & RABH
- Scrubbers - Particulate & Gaseous
- Electrostatic Precipitators
- Dedusting & Fume Extraction Systems
- Flue Gas Desulphurization (FGD) Systems
- Coal Preparation Plants
- Pushing Emission Control Systems for Coke Ovens

The division also undertakes turnkey projects to offer complete technology on air pollution control and its management.



**THERMAX**

An ISO 9001:2000  
& ISO 14001  
Company

**THERMAX LIMITED**

**Enviro Division**

Environment House, Plot No.90-92, BG Block  
MIDC, Bhosari, Pune-411026, INDIA  
Tel: +91-20-67156000, 671567  
Fax: + 091-20-67156660

varsha.patekar@thermaxindia.com

Visit us at

[www.thermaxindia.com](http://www.thermaxindia.com)

### AHMEDABAD

Tel. : (+91)-79- 2657 5408 / 7073,  
61902020  
Fax: (+91)-20- (079) 2657 7270  
Email: sales.enviro@thermaxindia.com

### BANGALORE

Tel. : (+91)-80-22371721/22/23/24/25  
Fax : (+91)-80-22371726  
Email: sales.enviro@thermaxindia.com

### CHENNAI

Tel. : (+91)-44- 24303400/ 3700  
Fax : (+91)-44- 2435 3841  
Email: sales.enviro@thermaxindia.com

### HYDERABAD

Tel. : (+91)-40- 23253700  
Fax : (+91)-40- 23253799  
Email: sales.enviro@thermaxindia.com

### KOLKATA

Tel. : (+91)-33- 66070800/900  
Fax : (+91)-33- 66070999  
Email: sales.enviro@thermaxindia.com

### MUMBAI

Tel. : (+91)-22-67542222 / 22852058  
Fax : (+91)-22-22040859  
Email: sales.enviro@thermaxindia.com

### DELHI

Tel. : (+91)-11-46087200  
Fax : (+91)-11-27355211/45019846  
Email: sales.enviro@thermaxindia.com

### VADODARA

Tel. : (+91)-2667- 266501/ 2  
Email: sales.enviro@thermaxindia.com

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