

TNBi
INDUSTRIES



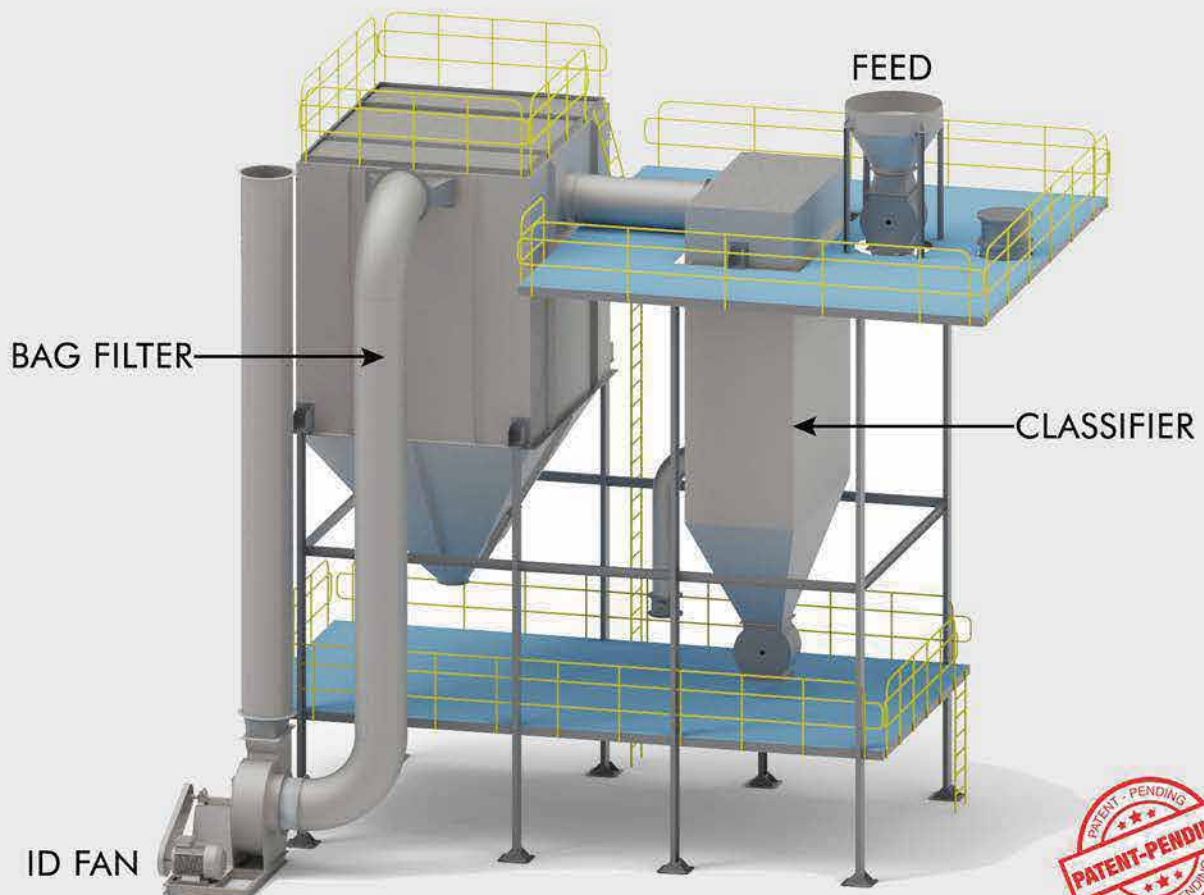
Classifier

Classifiers

TNBi offers a comprehensive range of classification solutions to meet particle sizing requirement.

Material enters in classifier with high velocity, to separates particles at cut point 2 to 300 micron. TNBi classifier consist with secondary air arrangement to separate the particle to customer requirement.

Capacity - 100 Kg/Hour to 300 Tons/Hour



Working Principle

- Gas along with Powder enters in classifier.
- Smaller particles gets separated due to centrifugal force.
- The fine-tuning in particles separation is done using secondary air.
- Coarse particles gets collected at bottom of classifier
- Fine separated particles leaves classifier and can be collected in Cyclone and/or bag filter.

Advantages

- High Reliability – Constant product output
- No moving parts, No wear & tear
- Low operating cost
- Low Installation Cost
- Easy adjustment for separation efficiency
- Can be installed in Series
- Low maintenance cost
- Spare parts not required
- Can handle combustible dust
- Low choking issues
- Can be installed in process line.

Applications

- Mill / Grinder Outlet particle separation
- Powder Processing
- Fly Ash Classification
- Paint & Pigment
- Food & Pharma
- Sand Classification
- Powder Chemicals
- Spices
- Cement Classification
- Graphite
- Plastic Pellets
- Mining
- Metals Powder
- Fertilizer
- Granite
- Alumina
- Many More....



OTHER PRODUCT LINE

Scrubber



Bag Filter



Cyclone



Centrifugal Blower



TNBI Industries Pvt. Ltd.

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