

ABOUT US

The Maanya Group is one of the largest steam boiler manufacturers in the country. Started in 2004, Maanya Group has strived to identify industry shortcomings and provide dynamic solutions. Through expert engineering and state-of-the-art facilities, Maanya Group has installed more than 1000 IBR Boilers across India and the World.



BAG FILTER

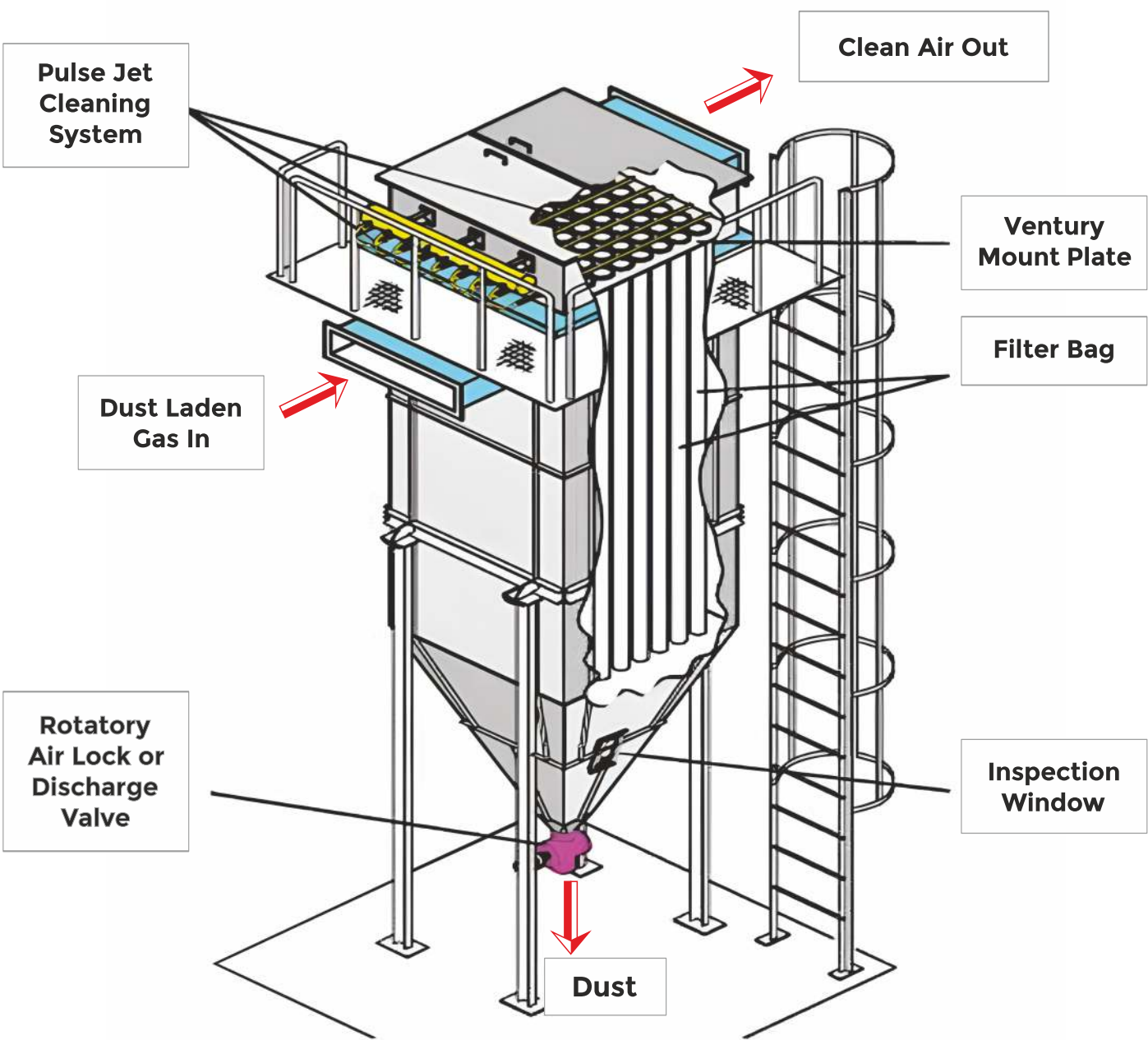
Maanya Engineering Co. offers high-efficiency Bag Filter Systems engineered to effectively control **Suspended Particulate Matter (SPM)** emissions from solid fuel-fired boilers and thermic fluid heater (Thermopac) installations. Designed for superior filtration performance and environmental compliance, these systems are ideally suited for pharmaceuticals, cement plants, rubber and plastic processing, steel industries, textiles, food processing units, and a wide range of other industrial applications.

The **Bag Filter** captures dust particles from flue gases using specially designed filter bags. Dust accumulates on the surface of the filter media and is periodically removed through an automatic Pulse Jet cleaning mechanism (reverse air cleaning), ensuring continuous and efficient operation.

By incorporating a Bag Filter System, particulate emissions can be reduced to below **50 mg/Nm³**, helping industries meet stringent environmental norms while maintaining clean and sustainable operations.

Pulsejet Bag Filter for Solid Fuel fired Boilers and Thermopac:

- Capacity** - Up to 2,00,000 CMH
- Flue Gas Temperature** - Upto 260° C
- Types of Filter Bags** - Fiber Glass/PTFE Membrane, Acid Resistance
- Types of Cleaning** - Online
- MOC** - Carbon Steel



Type of Fuel



SALIENT FEATURES

- High-efficiency dust collection for superior particulate emission control
- Advanced Pulse Jet cleaning system for continuous and reliable operation
- Low operating and maintenance costs for enhanced cost-effectiveness
- Custom-engineered solutions tailored to specific process requirements
- Energy-efficient design for optimized performance and reduced power consumption
- Robust and durable construction for long service life
- Easy access for inspection and maintenance
- Environment-friendly operation compliant with stringent emission standards



OTHER PRODUCTS

PETROMAX
Oil and Gas
Fired Boiler



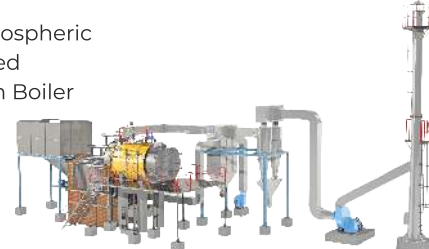
MAXPAC
Three-Pass
Internal furnace
Smoke Tube
Horizontal
Package Boiler



MINIPAC
Two-Pass,
Dry Back
Smoke Tube
Horizontal
Package
Steam Boiler



AGRIPAC
(AFBC) Atmospheric
Fluidized Bed
Combustion Boiler



COMBIMAC
Complete Multifuel
Fired Water-Cum-
Smoke Tube Boiler



AGROMAX
Internal furnace
Rice Husk fired
Boiler



BIOMAX
Advance Paddy Straw /
Bale Fired / Mustard Husk /
Boiler with Pulsating /
Reciprocating Grate



Step Towards Revolutionizing
the Industry with Environmentally
Conscious Solutions

- Comes fitted with an air pollution control system.
- Suitable for combustion of renewable fuels.
- Industry-leading manufacturing and quality control.
- Complete fuel combustion.



BAG FILTER



- RETROFIT & SPARES**
- Spares for Boiler pressure parts/non-pressure parts.
 - Spares for Fuel feeding system.
 - Boiler Services - AMC / O&M Services / Project executions.
- POLLUTION CONTROL EQUIPMENT**
- Bag Filters
 - Cyclones
 - Wet-Scrubbers
- ENERGY SAVING EQUIPMENT**
- Air Pre-Heater
 - Pressurized Economizers
 - Condensate Recovery
 - Water Pre-Heater Systems
- WATER SOLUTION EQUIPMENT**
- Sand Filters
 - Iron Removal Plants
 - Softeners
 - ETP's for Rice Mills

MAANYA QUALITY STANDARDS ARE INSPECTED BY
PRESTIGIOUS GLOBAL AGENCIES



CERTIFICATION & ACCREDITATIONS

ISO 9001:2015 • ISO 14001:20015 • ISO 45001:2010



MAANYA BOILERS PVT. LTD.
Corporate Office
221, 2nd Floor, Aggarwal City Square,
Sector-3, Rohini-110 085 (Delhi)
Email: mbpl@maanyaboilers.com
Web.: www.maanyaboilers.com
Ph.: +91 93112 10985

MAANYA ENGINEERING CO.
Manufacturing Unit
K.No.: 163/10/2/1, Khatri Industrial Area,
Sampla Beri Road, Sampla,
District Rohtak - 124 501 (Haryana)

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