



FILTRATION
AIR • OIL • FUEL

M M HYDRO PNEUMATICS PVT LTD

www.mmhpindia.com

MM HYDRO PNEUMATICS PVT LTD

We have been working with passion for over 20 years and have the required core competency, technical expertise, and experience providing overall solutions to customer's needs and requirements. We have traditionally supported our customers in the development of their filtration requirements.

At MMHP™, we commit to excel and to deliver customer satisfaction with the latest machinery, and processes, a well-equipped testing laboratory, and an experienced team of professionals.

Our ambition is to combine experience, service, and technological innovations to provide the best solutions for our customers and environment.

We provide numerous customized, individual filters, which comprise of various sizes, media, in close corporation with our clients, and have a high-performance rating for a wide range of industries.

Our filters bring great benefits and values

- 1 Energy saving
- 2 Long life span
- 3 Fewer breakdowns
- 4 High dust holding capacity
- 5 High filtration efficiency
- 6 Low maintenance cost
- 7 Increase machine/engine life
- 8 Easy to install
- 9 Wide range of application
- 10 Customized design



Our R & D capability can meet the challenges of different industries with rigorous testing and strong product experience which results in high-performance products for the most diverse and worldwide accredited brands.

Quality is at the core of our business and our manufacturing process is internationally certified according to **ISO 9001: 2015**, **ISO 14001: 2015**. MMHP™ is also **NSIC** and **PMAI** registered company.

We manufacture various types of Air, Oil, Fuel Filters, and Filter assemblies to meet the ever-increasing and **evolving needs of various industry sectors**.

Mobile Filters



Construction Equipment



Agriculture



Trucks and Buses

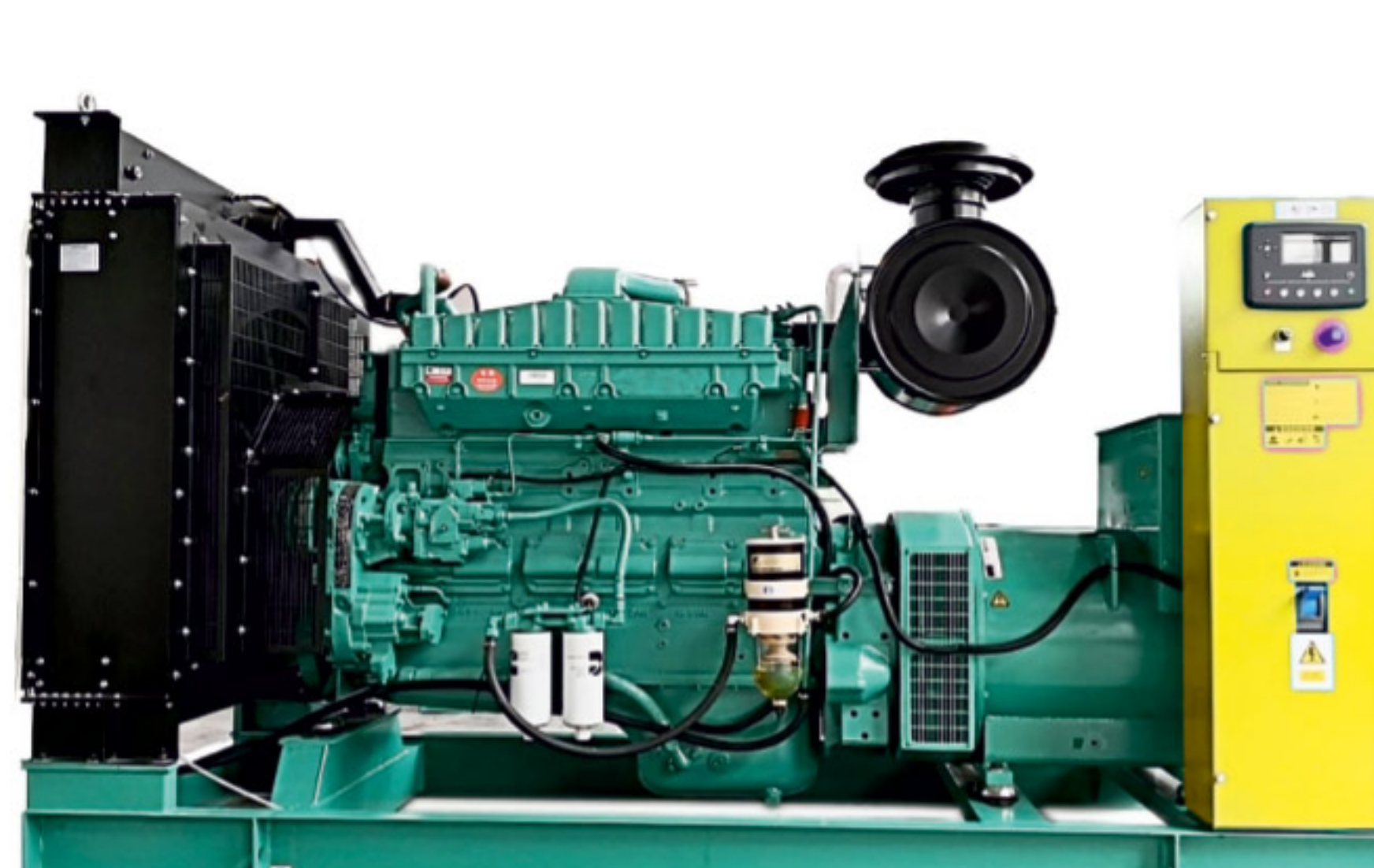


Marine Equipment



Railways

Industrial Filters



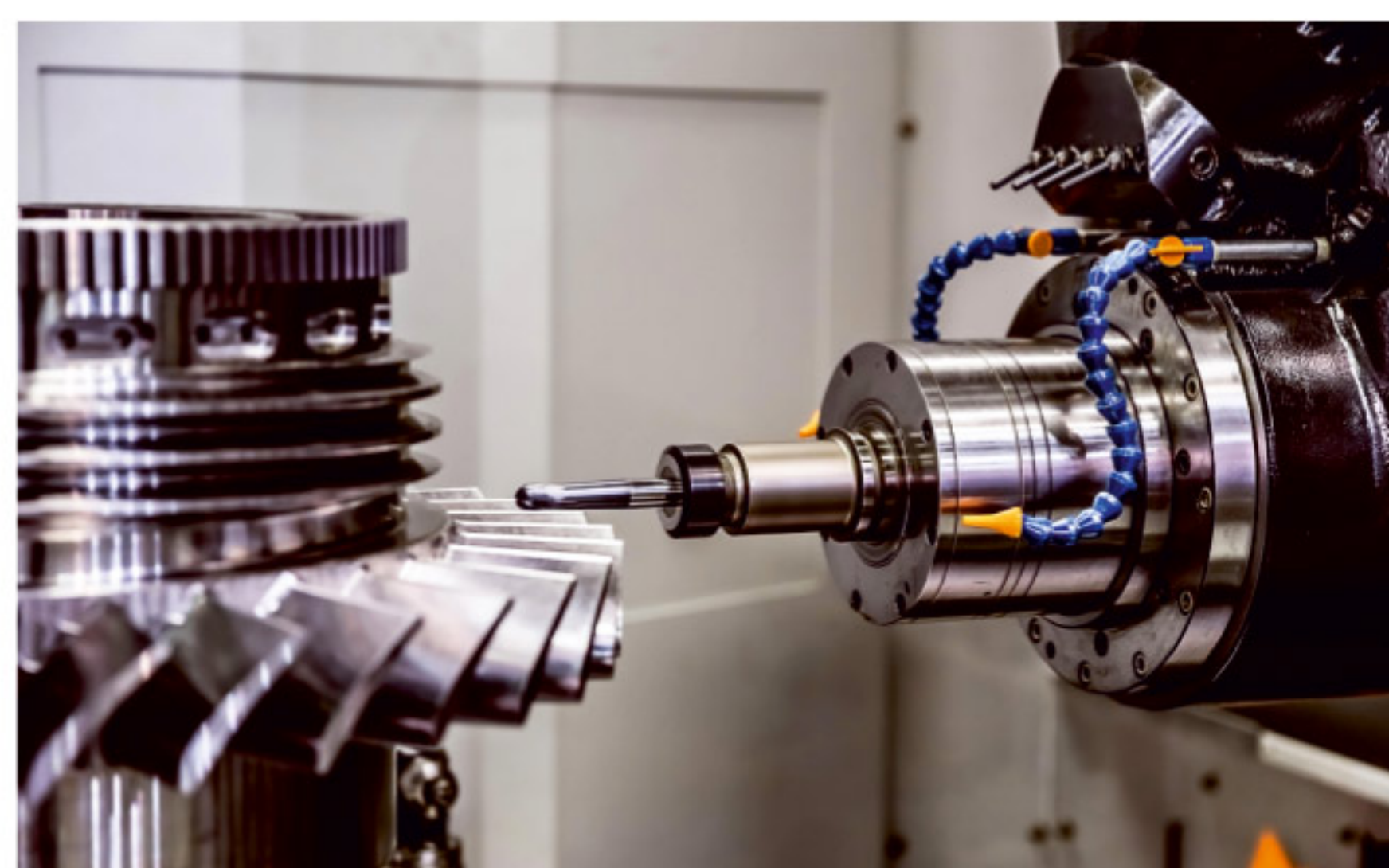
Dust Extraction



Compressed Air



Hydraulics



Machine Tools



Chemicals

AIR FILTER / ENGINE FILTER

Dust is a supreme threat that has to be eliminated from the airflow to the machine/engine. The Engine filter removes the dust, sand, soot, debris, insects from entering the system, thereby preventing any damage leading to engine breakdown. Timely replacement of engine filters ensures the smooth running of the machine.

Features

- High dust holding capacity due to pleats
- Available in standard as well as custom sizes
- Cartridge type
- Competitively priced
- Easy to fit
- Media - Paper, Cellulose, Synthetic

Applications

- Automobiles
- Earthmoving equipment
- Railways
- Marine
- Aeronautics
- Pneumatic Industry
- Gas turbines



DUST COLLECTOR FILTER

Dust collectors are efficient and crucial in removing hazardous particulate matter in the airflow from the ambient environment, preventing them from reaching the critical production system, reducing wear and tear and frequent breakdowns leading to increased downtime.

Dust collector usually draws the dust from airflow via an Air Filter that separates and holds the matter and releases clean air further into the system.

Pleated Filter Features

- Available in various sizes
- Easy to fit
- Pleats in the filter element provide greater area exposure
- High dust holding capacity
- Comparative less compressed air is need to other types of filters
- Longer life span
- Media - Paper, Cellulose, Synthetic

Applications

- Pumps
- Air Compressors
- Agriculture
- Food processing
- Pharmaceutical
- Recycling
- Cement and rock products
- Metal fabrication
- Mining
- Chemical processing



OIL FILTER

Oil Filter is critical to maintaining a hydraulic or lube oil system. Contaminants in oil can cause system failures leading to an increase in the cost of operation and breakdowns. Oil filter not only cleans the oil or lubricant but also keeps production costs down.

Features

- Wide range of chemical compatibility
- Used for various lubricants
- Consistent particle removal
- Non-toxic
- Strong membrane
- Media - Paper, SS wire mesh

Application

- Lube Oil Filtration
- Hydrolytic Systems



COALESCERS FOR COMPRESSED AIR

Coalescing is a process of agglomeration by which the water and liquid particles in the airflow come together to form large enough droplets, which are then gravitationally drained away.

Depending upon the application coalescing filter can be used on its own or can be part of a larger Air - Oil, or Air - Water separation unit.

Features

- It removes both solid and liquid particulate
- Can be used in different types of environment
- High flow rates and have low-pressure drops
- Completely disposable
- High efficiency in water removal
- Media - Glass Fibre, Cellulose, Specialty Media

Applications

- Air Compressor
- Pneumatic Applications
- Food packaging
- Bottling plants
- Spray Booths
- Pharmaceuticals
- Microelectronics
- Marine operations



COMPRESSED WIRE MESH FILTERS

Compressed knitted wire mesh edges out other types of wire mesh filters in terms of precision. The filter's unique interlocking wire loop structure of compressed knitted wire mesh removes particulate matter efficiently.

Features

- High-temperature resistance up to 1000C
- Cools the expanding gases
- Can act as a flame arrester
- Flexible dimensions
- Washable, reusable, solderable
- High corrosion resistance
- Good Filtration capacity
- Long life span
- Shock absorption
- Media - SS 304, SS 316, Copper, Brass, Aluminum

Application

- Airbag component in the automobile industry
- Exhaust systems
- Mist eliminators in Chemical and Pharma industries
- Gas-Liquid separator applications
- Petrochemical industry



FILTER ASSEMBLIES

We build special filter assemblies and housings according to the technical specifications provided by our customers. The finished product's high-quality standards are guaranteed by inspection at various levels of the production process.



SINTERED BRONZE FILTER ELEMENTS

Sintered bronze filters are metallic filters made from spherical bronze powder of carefully controlled particle size to give a rigid porous structure of uniform pore dimension, manufactured through the process of sintering. This process holds the powder together giving it strength and durability that conventional filters cannot achieve without support.

Features and advantages

- High corrosion resistance
- High dirt holding capacity
- High mechanical Strength
- Withstand temperatures up to 200°C
- Flexible dimensions
- Micron size from 1μ - 100μ
- Fine Tolerance
- Weldable, Machinable, Solderable
- Easy to clean and reuse

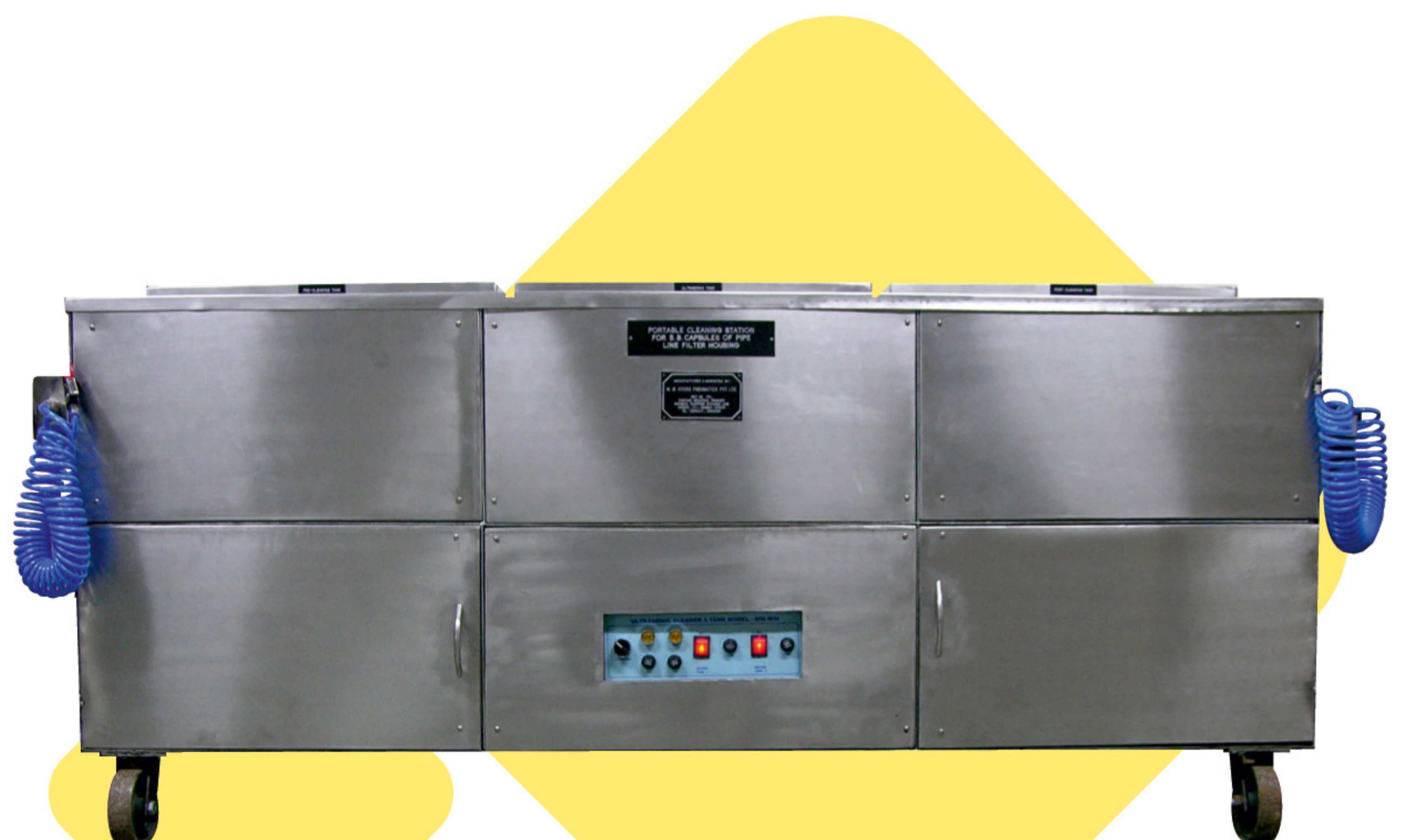
Application

- Air, Gas and Liquid filtration
- Flow control of gases
- Sound dampeners / Silencers
- Flame arresters



ULTRA SONIC CLEANER

With a strong technical back up and stronger understanding of customer needs and requirements, MMHP™ has developed many regular maintenance cleaning machines and plants under the brand name 'AUTOKLENZ' which always has thumbs up in the industry. The same has helped in increased productivity and fewer man-hours.



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Filtration - Air Oil Fuel

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