



AEROFLOON ENGINEERS PVT. LTD.



**ISO 9001 : 2015
CERTIFIED COMPANY**

**BEST IN BUSINESS
IN SOUTH ASIA**

THE AEROFLON JOURNEY

Founded in 1995 by Mr. Pranav P. Choksi, under the guidance of Mr. Pravin R. Choksi—a pioneer in PTFE (Polytetrafluoroethylene) manufacturing and processing in South Asia—Aeroflon has established itself as a trusted name in engineering excellence.

With technical expertise gained from Dupont (USA), Autochem (France), and Dekkin Corporation (Japan), Mr. Pravin R. Choksi brought world-class knowledge to India. Combined with the strong marketing vision of Mr. Pranav Choksi, Aeroflon has become a leading supplier of air & gas compressor replacement spares, engineering fabrication goods, and an extensive range of PTFE (Teflon) products.

At Aeroflon, quality and customer service come first. Every product undergoes rigorous testing through multiple quality-check procedures before delivery. This commitment has made Aeroflon the only company in South Asia to hold the prestigious ISO 9001:2015 certification for compressor replacement spares and engineering fabrication works.

AEROFLON
WHERE
WORLD-CLASS
EXPERTISE
MEETS
UNMATCHED
QUALITY



To partner with customers, meet market demands, and achieve continuous improvement through innovative solutions, long-term relationships, and global market expansion.

MISSION

SERVICE POLICY

SCREW ELEMENT RECONDITIONING

Specialized services at Aeroflon's Ahmedabad workshop.

MAINTENANCE & OVERHAULING

Skilled engineers perform routine and annual overhauls for rotary screw compressors.

DOCUMENTATION

Each machine is supplied with manuals, test certificates, and detailed part lists for accurate spare part identification.

TRAINING

On-site or on-demand training for customer teams, supported with comprehensive learning materials.

Cylinders



Precision-engineered compressor cylinders for leading brands—built for durability, airtight sealing, and smooth performance.

Crank Shafts



Durable, corrosion-resistant crank shafts engineered for major compressor brands—built to last under demanding workloads.

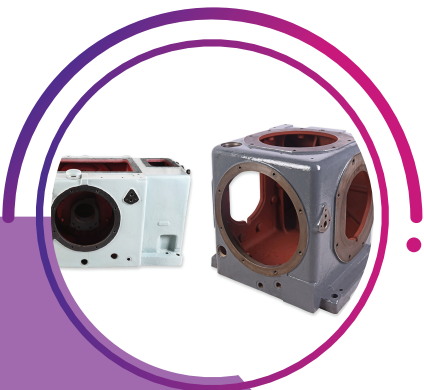
Aftercooler/Intercooler



Aftercooler: Cools compressed air after final compression to remove moisture and protect downstream equipment.

Intercooler: Reduces air temperature between compression stages, lowering energy use and increasing compressor efficiency.

Crank Case Frame Body



Heavy-duty crank cases engineered for strength and stability, providing robust housing for critical compressor components. Built to precise tolerances for durability, alignment, and long service life.

Crank Case Spares



We supply precision-engineered compressor components—connecting rods, bearings, pins, and more—crafted from high-tensile alloys for durability, seamless fit, and reliable performance across major brands.



Cross Slide, Cross Head and Oil Pump

Cross slides and crossheads ensure smooth piston motion with perfect alignment, while the oil pump delivers continuous lubrication—reducing wear and extending compressor life.



Piston Rod and Piston Assembly

High-strength piston rods and assemblies, engineered for precision, durability, and seamless performance. Compatible with leading compressor brands, built to OEM standards for maximum efficiency.



Piston Ring Replacement Kit (LP& HP)

Premium piston, sealing, and rider rings engineered for airtight sealing, low friction, and long life. Fully compatible with major compressor brands for reliable, high-pressure performance.



Piston Ring & Rider Rings

Piston and rider rings ensure airtight sealing, smooth piston motion, reduced wear, and longer compressor life.



Suction/Discharge Valve & NRV

High-performance suction, discharge, NRV valves, and precision valve parts engineered for efficiency, durability, and leak-free operation. Made from premium alloys and composites, heat-treated for long life, and customizable to fit major compressor brands.

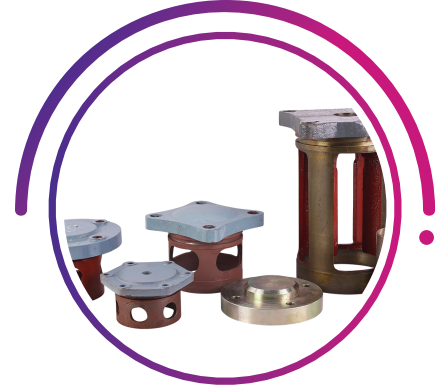
Piston & Piston Sleeve

Pistons power the heart of compressors—drawing in air, compressing it, and delivering consistent high-pressure output. Built for strength, precision, and efficiency in every cycle.



Valve Cover for Suction & Discharge Valve

Precision-engineered valve covers for suction and discharge, ensuring airtight sealing and efficient airflow. Built tough for durability, reliability, and seamless performance.



Piston Rod

The piston rod connects the piston to the crosshead, transmitting motion from the crankshaft for efficient air compression. It ensures smooth operation, accurate alignment, and durability in reciprocating compressors.



Oil Scrapper Rings / Oil Wiper Ring / Packing Rings

These rings control oil movement, prevent air leakage, and ensure reliable, efficient compressor performance under high-pressure conditions.



Air Filter, Oil Filter, Separator and Pre-Filter & Line Filter

These filters work together to keep air pure, reduce wear, and enhance compressor efficiency and reliability.





Valve Plate & Spring Plate and Accessories

These components are critical to reliable valve operation, ensuring airtight sealing, smooth airflow, and efficient compressor performance.



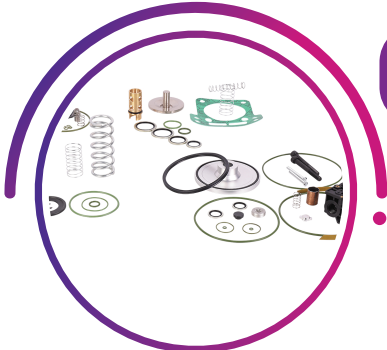
Air Filter & Oil Filter (Recip Compressor)

Together, they protect critical compressor parts, maintain clean airflow and lubrication, and ensure reliable long-term performance.



Unloader Assembly & Intermediate and outer sleeve

The unloader assembly optimizes compressor efficiency and protection, while sleeves ensure durability, alignment, and smooth mechanical operation.



Thermostat, MPV Kit, Unloader Valve Kit, Check Valve & Oil Stop Valve Kit

Essential compressor control kits—thermostats, MPV, unloader, check, and oil stop valves—work together to regulate pressure, temperature, and airflow. They prevent backflow, overheating, and contamination while ensuring smooth, efficient, and reliable operation.



Sensors & Cables/ Temperature Switch

These components safeguard compressors through precise monitoring, reliable connectivity, and automatic protection against temperature or pressure extremes.



Auto Drain / Blow off / Solenoid Valve/Water & Pressure Switch

These components safeguard compressors through precise monitoring, reliable connectivity, and automatic protection against temperature or pressure extremes.

Gaskets

Gaskets are vital for sealing, safety, and efficiency—ensuring reliable compressor operation without leaks.



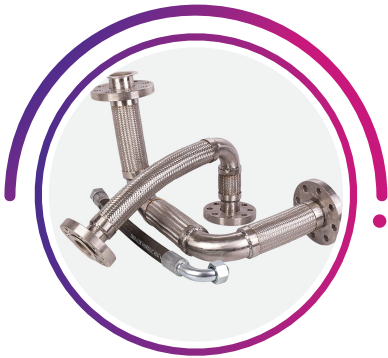
Tension Nut/ Piston Nut/ Cross Head Nut

These nuts ensure secure fastening, accurate alignment, and vibration resistance—critical for compressor safety, durability, and performance.



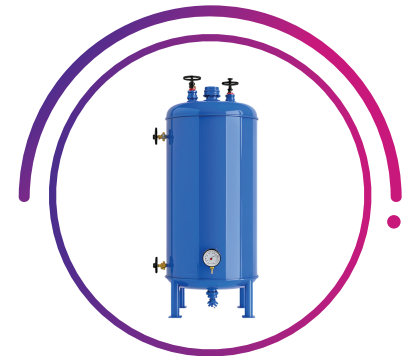
Hose Pipes

Hose pipes provide flexible, durable, and efficient connections in compressor systems, ensuring smooth transfer of air, oil, or fluids.



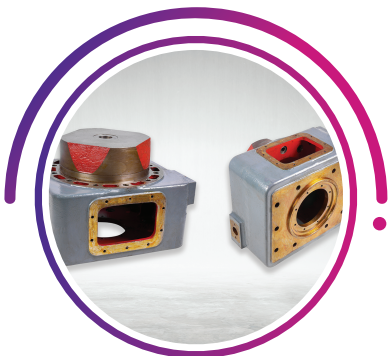
Air Receiver Tank

The air receiver tank ensures stable airflow, energy efficiency, moisture removal, and safe compressor operation.



Outer Head/ Inner Head

Outer and Inner Heads are critical for sealing, valve housing, and reliable airflow management in reciprocating compressors.



O' Ring, Oil Seals & Diaphragm

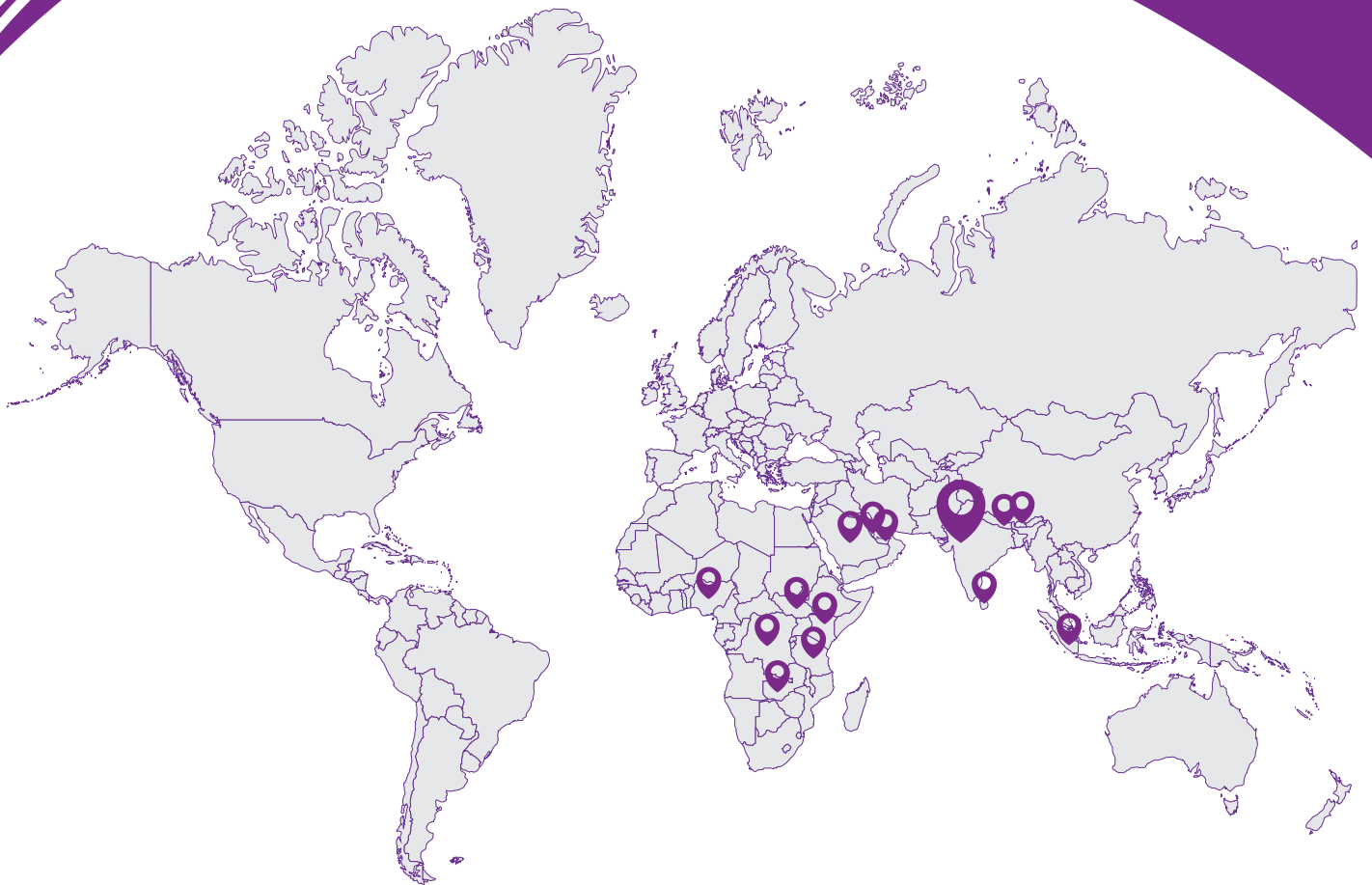
These components are vital for sealing, leak prevention, and reliable pressure control, ensuring long-lasting compressor performance.



Mechanical seal & Pumps

Mechanical seals prevent leakage while pumps ensure smooth lubrication and cooling—together enhancing compressor reliability, efficiency, and service life.





Aeroflon®

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