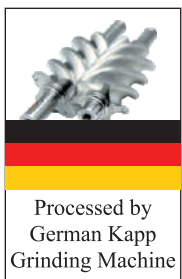


AirMech SOLUTIONS



Bringing Solutions To You



AIRMECH Series 7.5 HP - 215 HP

COMPANY PROFILE

AIRMECH SOLUTIONS COMPRESSOR

is Ghaziabad based, Uttar Pradesh company. Our range of machines including Screw Compressor, Vertical Air Receiver, Refrigeration Dryer, Line Filters & Auto Drain Valve. All these products confirm to International Quality standards & are wisely acknowledged for their sturdy design & durable finish standards. We possess an exceptional infrastructure equipped with state-of-the-art machinery and technology. Our rich business acumen couples with a clear vision & exceptional management skills have helped us to win the trust of many leading companies & brands in a very limited time spam.

'AIRMECH SOLUTIONS COMPRESSOR' is one of the Leading Compressor Supplier in BHARAT.

Every Industry deserves to be equipped with the best compressed air system to efficiently improve their productivity. Our AIRMECH SOLUTIONS COMPRESSOR are used the opportunity have come a long way by accomplishing the customer needs.

All our customers tag AIRMECH SOLUTIONS COMPRESSOR as trusted brand satisfy their Compressed Air needs. Our happy customers are widespread & have a strong patronage over our Products. Our compressors have empowered various industries & have also touched peoples & lives as compressed air solution providers. Our market is wide spread across India through our local Dealer network & OEM who work tirelessly in providing the best customer satisfaction experience.



#BeyondExcellence



AIRMECH COMPRESSOR

ASD -FIX SPEED AIR COMPRESSOR

HP	PRESSURE	CFM	AIR OUTLET
7.5 HP	7/8/10	35/30/26	G 3/4"
10 HP	7/8/10	44/40/37	G 3/4"
15 HP	7/8/10	68/64/59	G 1"
20 HP	7/8/10	85/80/78	G 1"
25 HP	7/8/10	116/108/100	G 1"
30 HP	7/8/10	135/122/110	G 1"
40 HP	7/8/10	182/174/160	G 1*1/2"
50 HP	7/8/10	240/225/209	G 1*1/2"
60 HP	7/8/10	275/249/240	G 1*1/2"
75 HP	7/8/10	374/310/270	G 2"
100 HP	7/8/10	485/418/356	G 2"



ASV -VARIABLE FREQUENCY DRIVE AIR COMPRESSOR

HP	PRESSURE	CFM	AIR OUTLET
7.5 HP	7/8/10	35/30/26	G 3/4"
10 HP	7/8/10	44/40/37	G 3/4"
15 HP	7/8/10	68/64/59	G 1"
20 HP	7/8/10	85/80/78	G 1"
25 HP	7/8/10	116/108/100	G 1"
30 HP	7/8/10	135/122/110	G 1"
40 HP	7/8/10	182/174/160	G 1*1/2"
50 HP	7/8/10	240/225/209	G 1*1/2"
60 HP	7/8/10	275/249/240	G 1*1/2"
75 HP	7/8/10	374/310/270	G 2"
100 HP	7/8/10	485/418/356	G 2"



AIRMECH COMPRESSOR

AS TM - TANK MOUNTED WITH AIR DRYER COMPRESSOR

HP	PRESSURE	CFM	AIR OUTLET
7.5 HP	7/8/10	31/28/24	G 3/4"
10 HP	7/8/10	40/39/36	G 3/4"
15 HP	7/8/10	65/62/57	G 1"
20 HP	7/8/10	85/80/77	G 1"



HIGH PRESSURE

HP	PRESSURE	CFM	AIR OUTLET
15 HP	13/16	55/53	G 1"
20 HP	13/16	74/69	G 1"
25 HP	13/16	89/85	G 1"
30 HP	13/16	94/88	G 1"



AST - TWO STAGE COMPRESSURE

HP	PRESSURE	CFM	AIR OUTLET
30 HP	7.2/10	146/128	G 1"
50 HP	7.2/10	272/243	G 1*1/2"
60 HP	7.2/10	371/314	G 1*1/2"
75 HP	7.2/10	455/390	G 2"
100 HP	7.2/10	602/495	G 2"
120 HP	7.2/10	710/621	G 2"
150 HP	7.2/10	840/721	G 2"
175 HP	7.2/10	993/871	G 2"
215 HP	7.2/10	1179/1078	G 2"



THE ENERGY EFFICIENT VFD DRIVE

In-Built AIRMECH COMPRESSOR Variable Frequency Drives (VFD)

Matches compressor output with demand by varying motor speed. The power Consumption reduces in line with the reduction in demand. Helps in eliminating the Frequent load-unload cycle & also the wasted power from the energy bill.

A fixed speed compressor operates on a load unload band of at least 10 psi around the working pressure where as with AIRMECH COMPRESSOR VFD, compressor can be operated within a band of 2 psi.

Since the compressor is not operated under higher than working pressure requirements, there is substantial energy saving. For every 2 psi reduction in operating pressure. There is 1% power saving.

In a fixed speed compressor with Star-Delta starter, starting current is as high as three times the full load current (FLC). With AIRMECH COMPRESSOR VFD, starting current is less than FLC. This helps to avoid using heavy rated components like fuses, MCCB, cable size, generator rating, isolate etc.

For compressed air systems with fluctuating demand pattern, giving a fast return on investment.



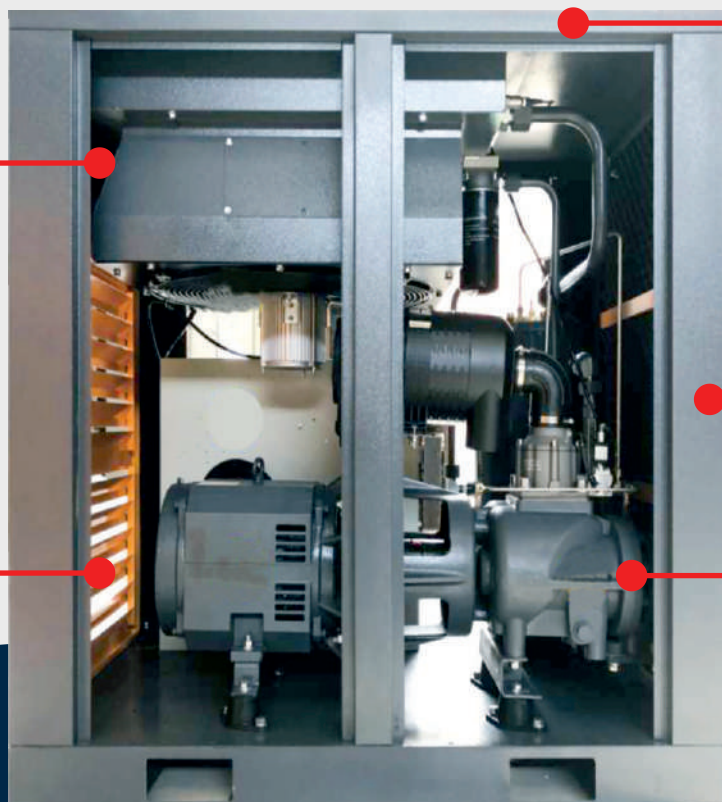
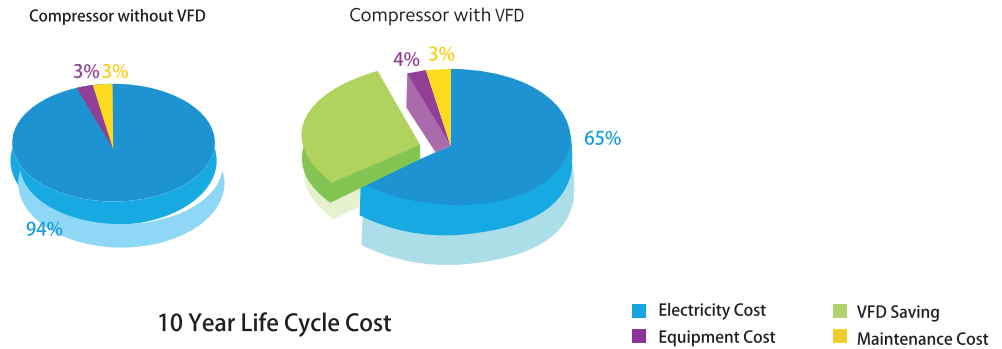
Advantages :

Electrical :

- Low starting current
- High efficiency
- Improved power factor
- Reduced maximum demand

Mechanical :

- Minimum maintenance
- Smooth start
- Smooth control



Robust Cooling System

Reduced air outlet temperature

Highly Efficient Motor

Energy cost savings

High Volumetric Efficiency

Low energy cost per cfm

Enclosure Designed to Industrial Standards

Silent, aesthetic package

Superior Technology Airend

Gearless and reduced sound

HIGH EFFICIENT AIR END

The air end adopt the latest asymmetric line & 5.6 profile rotor, the up grade of the seal technology from line type to band type, Which increase the air production around 5%-10%. Big rotor diameter & low rotation speed make sure air end has long life-span & low noise.



INTAKE VALUE WITH ENERGY SAVING

Intake valve with high quality & high reliability effectively control the loading & unloading of machine, saving energy.



EFFICIENT RADIATOR

Large size cooler design, putting 30% of margin design, can effectively prevent the machine used in high temperature condition without from of carbon by high temperature.



QUITE OPERATION

High efficiency cooling fan provides sound level low



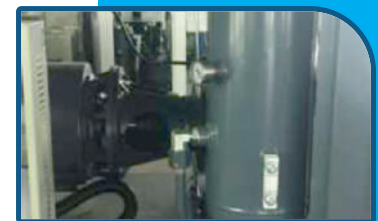
SEAMLESS STEEL PIPE

Whole seamless steel pipeline system, reduce the oil leakage. With reasonable layout to save space & reduce pressure loss.



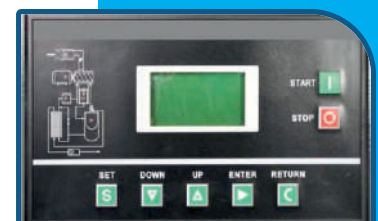
AIR-OIL SEPARATE

Use Germany technology, cyclone & string separator, to ensure the oil content is less than 2 ppm.



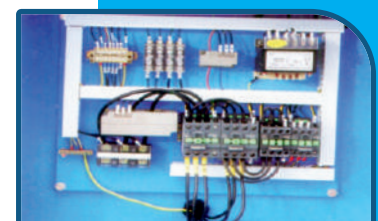
AUTOMATIC CONTROL PANEL

Intelligent micro-computer PLC, with the signals for pressure, temperature, current, provide with an important indicator of alarms & security protection measures.



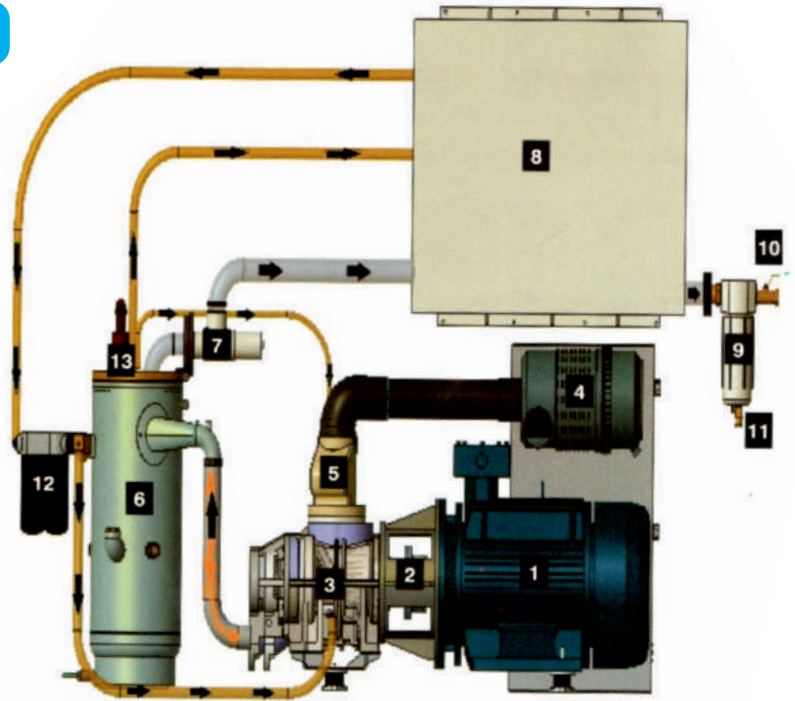
ELECTRIC CONTROL

Siemens core of a reliable electrical control components to ensure the long- term stable operation of units.



AIR / OIL FLOW DIAGRAM

1. Electric Motor
2. Drive Coupling
3. Air - End
4. Intake Air Filter
5. Intake Air Control Valve
6. Air-Oil Separator
7. Minimum Pressure Valve
8. Combi- cooler with Motor
9. Moisture Separator
10. Outlet Valve
11. Autodrain
12. Oil Filter
13. PSV



AIR DRYER

Capacity:
20cfm – 300 cfm

Working Pressure:
7kg-12 Kg



RECEIVERS

Capacity:
0.5m³ – 5m³

Working Pressure:
7-10.5 Kg/Cm²



AFTER SALES AND SUPPORT SERVICES

As good and Efficient are our products, equally excellent are our spare parts along with our maintenance services that we offer through our offices and dealer network. Our dealer network and team of technicians are well equipped to handle all after- sales and support requirements for our product across India. We recommend using original spare parts for the compressors. The spares are generally supplied in pre-packaged kits for all items of a particular type of model and maintenance operation.

Make the Correct Choice!

Genuine Spare Parts and Service
Complies With Airmech Standard
Ensure High Performance of Compressor
Minimal Service Requirement
On time Service and Spares Delivered
Dedicated Customer Care for Quick Response.





Vision & Mission

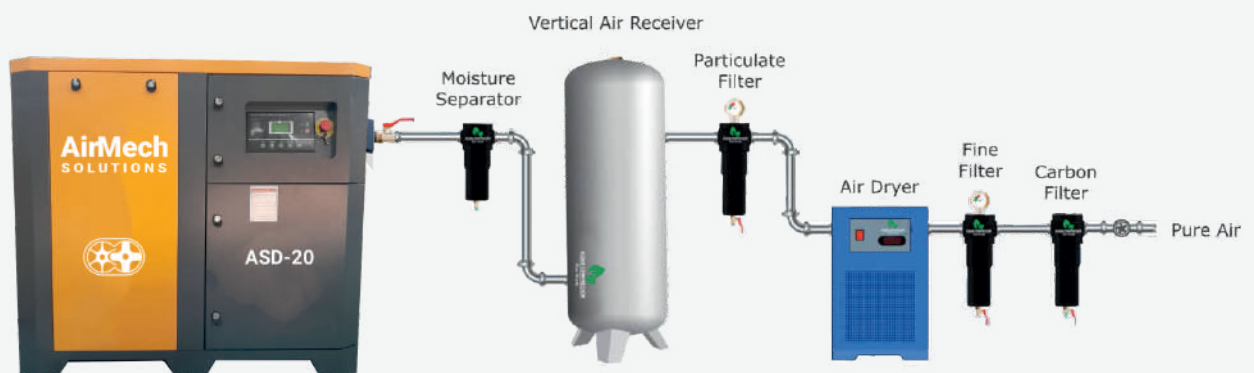
Company is Continuously working on Compressed air technology beyond innovation by giving

- More Power Saving
- Intelligence Compressor Controller
- Smart Synchronizing System
- Zero Break Downs
- Local and remote operated System
- One Touch/Call Service System

After Market Support

At Airmech, we believe in an extended relationship with our customers far beyond the sale of the product. we support the product and its maintenance throughout its life. Our well spread Dealer's & OEM's network supports the maintenance of our products. Training is provided at the client site location after commissioning of our compressor system. As per the agreement with clients, Our customer Training Center conducts seminars and service workshops for the client representatives at our Head Office.

INSTALLATION GUIDE



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South Delhi - 110044
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AIRMECH AIR COMPRESOR HEAD OFFICE

JOIN US ON :   
www.airmechsolutions.com

