

Air compressors - Definition and Uses

Air compressors are one of the most widely used tools in everyday life. Air compressors function to increase the pressure of the gas, suitable for industrial use such as printing, dirt cleaning, car drying ...

In everyday life, you can easily see the image of a car pump, or industries that require large air pressure like assembly.

Air compressors are a tool used in these jobs. So what is air compressor? How it works and how it works. You can refer to the article below for more details.

The machine helps draw air from the external and stored environment in a steam tank, so the gas pressure in the tank is very large. From the boiler, the gas will be distributed to various tools such as air spray gun to blow dust or water, or to machines with rotary parts such as screw nailer, drill, sander . In the This machine has a small steam turbine, when the high pressure air flow will push the rotating turbines, thanks to the proper drive mechanisms, they will work. Usually air, commonly used to power compressed air tools such as road drills, paint sprayers and dental drills.

What is air compressor?

Air compressors are a type of machine that consists of machines (mechanical systems) that increase the pressure of the gas, helping the energy for the air flow to increase and at the same time compressing it to increase the pressure and temperature. Air compressors are used very popular today, it contributes quite a lot in human life activities.



Direct air compressor Oshima 24L

Use of air compressors

Air compressors are present in most industries such as printing, packaging, food, air compressors can be applied to industrial systems that use high pressure air to operate machinery. other (like assembly machines) .

Air compressors have many uses in each industry and different fields such as:

1. **Vehicle maintenance:** Air compressors are used to clean vehicles like, cleaning dirt, using compressed air to dry vehicles.
2. **Medical industry:** Supplying oxygen to accelerate the drying of materials, medical equipment, compressed air used to wash medicine capsules.
3. **Industry:** Ventilation, compressed air with strong driving force can operate gas equipment, used for depth exploration.
4. **Manufacturing industry:** Pneumatic lifting equipment used for cargo handling, pressure on spray paint guns, control of automation equipment, production of vacuum packaging to extend the use time of products , cleaning dust.



Oil-free air compressor Oshima 24L is designed with easy-to-move wheels.

The above are some definitions of air compressors, hopefully with useful information from this article, you can better understand air compressors as well as its uses.

Thank you for following the article

You finished reading the article "**Air compressors - Definition and Uses**" edited by the [TipsMake](#) team. We hope this article has provided you with many useful tech tips and tricks. You can search for similar articles on tips and guides. Thank you for reading and for following us regularly.