



Screw air compressor does not return to idle speed

How do I know if my rotary screw compressor is bad?

Check the voltage when the compressor is running. If the voltage drops significantly when the compressor starts/runs, you have a bad connection somewhere. Check all relays, fuses, and electrical connections. Common rotary screw compressor problems and issues that have been reported. Get help with the most common problems for rotary screw compressors.

What happens if your air compressor goes wrong?

When something goes wrong with your air compressor, it can result in lost work time and profitability. Here's a look at the most common air compressor problems and some fixes you can try yourself to get up and running again. First, if your compressor has a reset switch, try that.

What if I can't solve my air compressor problems?

If you aren't able to solve your air compressor problems, including anything not mentioned above, we welcome the opportunity to have a look at your machine. Call Antler Pumps at 212-534-2500, or schedule an appointment online with our easy contact form.

Why is my air compressor not starting?

The first place to check is the power supply. A faulty connection, a loose wire, or an interruption in voltage could be preventing the compressor from starting. This is especially common if there's been a recent power outage or electrical work near your facility. Another potential issue is an overloaded motor or a tripped circuit breaker.

Why is my rotary screw compressor overheating?

Solving insufficient air pressure is critical for maintaining productivity and avoiding further system stress. When a rotary screw compressor begins overheating, it's a clear sign that something is amiss. High operating temperatures can lead to inefficiencies, system shutdowns, and even long-term damage to critical components.

Why do rotary screw compressors make noise?

By addressing excessive oil consumption promptly, you can save on operating costs and ensure your compressor performs at its best. Rotary screw compressors are known for their smooth and quiet operation, so when you hear unusual noises or feel excessive vibrations, it's a sign that something isn't right.

Solution Adjust the diesel engine to the rated working state (is the rated pressure of the air compressor set high, and the rated speed of the diesel engine set ...

Portable air compressors (also called diesel-driven air compressors or tow-behind air compressors) are the work horse of building and construction sites, but are often "abused" and ...



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Hi everyone! This is the first time I am messing with screw compressors. I am working on Atlas Copco XAS 185 (JD 7). The problem is it seems to activate idle down ...

The amount of power which comes from your rotary screw air compressor will depend on the size of the screw compressor. There are many options and sizes available, including the variable ...

What is a Duty Cycle and Why Does it Matter? The experts explain everything you need to know about duty cycles before you buy the wrong air compressor for your application. Learn the ...

Parts are readily available for most compressors, and with some basic air compressor motor troubleshooting, you should be able to nail down ...

Screw type compressors should not be installed in air systems with reciprocating compressors without means of isolation such as a common receiver tank. It is recommended that both types ...

Rotary screw compressors are the workhorses behind a majority of manufacturers worldwide. If you see a big building, and they make stuff there, ...

Trouble-shoot air compressor problems, find out the cause, get a solution. The compressor place to go when you want to know.

What is a Rotary Screw Compressor? Simple in design, yet precision engineered to deliver with great efficiency, rotary screw air compressors are the mainstays of the industrial world. As one ...

If your screw air compressor isn't running smoothly, don't panic--many common issues have straightforward fixes. Troubleshooting and maintenance can often solve problems ...

Discover the significance of discrepancies in air/oil cooler temperatures and how these variations provide crucial insights into equipment performance and potential issues.

Before we dive into rotary-screw air compressors, it's important to understand that there are many types of air compressors. Air compressors are used in a range of applications from industrial, ...

If your Ingersoll Rand air compressor is not building pressure or not turning on, troubleshooting common issues such as a defective reed valve ...

Thinking about buying a rotary screw air compressor? Read our rotary screw air compressor guide to find out what they are used for and how ...



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Air End Problems: Internal compressor issues such as leaks between high- and low-pressure pistons (reciprocating compressors), ...

In applications that wish to use a rotary screw compressor, but have an air demand that fluctuates, a variable speed drive automatically adjusts the ...

Screw compressors are most commonly used because of their different advantages over other types of compressors, mainly for applications ...

This article consolidates industry technical manuals and front-line maintenance experience to help quickly identify and resolve common faults in screw air ...

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Turn adjustment screw (5) to adjust the set point to the mid point of the tolerance. 3. When the set point is correct, check the high idle rpm. The ...

When your rotary screw compressor frequently trips or shuts down during operation, it can disrupt workflows and lead to costly delays. While this issue may seem ...

Have a question or need to troubleshoot a problem with your reciprocating compressor? Check out this helpful guide to get the answers you ...

An air compressor is a versatile tool that finds applications in a wide range of industries. However, when it starts losing pressure, it can cause frustration and disruption. ...

We have an expert-written solution to this problem! An air compressor fails to build to system pressure within an acceptable time period. Which of the following could NOT be a possible ...

When something goes wrong with your air compressor, it can result in lost work time and profitability. Here's a look at the most common air ...

While proponents of Variable Speed Drive (VSD) screw compressors will advocate for their suitability in all applications, it is vital to analyse your own compressed air demands to ...



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