



# HITACHI

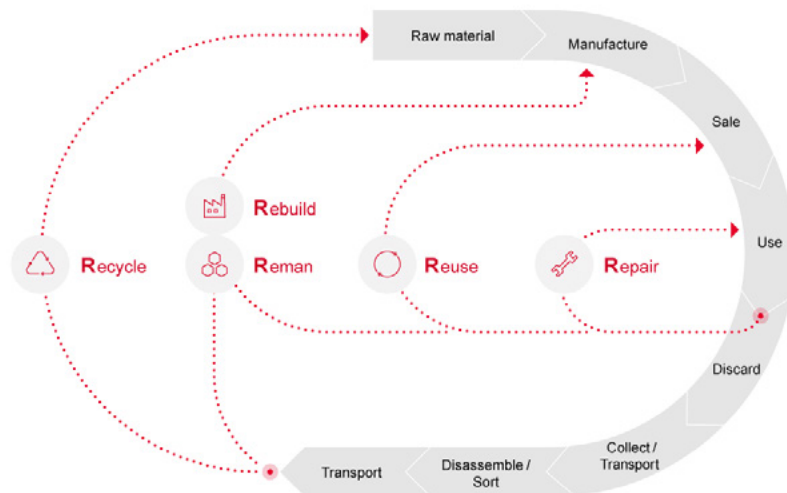
## Compressor Rebuild and Service Exchange Program

Maximise the lifespan and performance  
of your air compressors

At Hitachi Global Air Power, we understand that your air compressor is a significant investment, critical to your operations. That's why we've established a series of state-of-the-art compressor rebuild centres across Australia, offering nationwide service by factory-trained Compressor Air End Rebuild Technicians who are experts in their field and dedicated to maximising the longevity and efficiency of your assets.

# Extend the Life of Your Compressor with Air End Rebuilds

A Compressor Air End Rebuild can be the most economical way you can maximise the usable lifespan of your compressor with our rebuild solutions also supporting a circular economy by prioritising repair, reuse, rebuild, and remanufacture. This not only extends the life of your compressor but also significantly reduces the resource use and emissions involved in manufacturing and disposing of a full unit.



## The Compressor Rebuild service experience

When your Compressor Air End arrives at our dedicated service centres, our skilled compressor Air End rebuild technicians begin with a full disassembly and inspection. We'll assess its condition, determine whether it's beyond economical repair, and identify the work required before providing you with a clear, upfront quote for costs and lead time.

Once approved, our experts will replace or repair any worn or damaged components, like bearings and seals, using only high-quality parts. We then reassemble your Air End to ensure it meets the most stringent performance parameters. The result? An Air End returned to you in peak condition, ready to seamlessly integrate back into your operations.

## The Rebuild Process

We understand the critical role your air end plays in keeping your operations running smoothly.

That's why we've developed a comprehensive refurbishment process, grounded in years of expertise, to restore performance and extend its lifespan.



- 1 Preparation for assessment:**  
We fully dismantle and clean all external and internal components so the air end is pristine and ready for a comprehensive assessment.
- 2 Comprehensive assessment:**  
We thoroughly inspect every component, take precise measurements to identify wear and potential issues.
- 3 Genuine parts & precision engineering:**  
We use only high-quality, purpose-built parts, ensuring every rebuild meets our original high-standard factory specifications.
- 4 Precision reassembly:**  
We reassemble your Air End and ensure the parts are rebuilt back to Original Manufacturing Specifications (OEM).
- 5 Finalisation:**  
Once rigorously tested, your air end undergoes a complete cosmetic rejuvenation, including a meticulous repaint and the fitting of brand new hoses, ensuring it looks and performs in truly "like- new" condition.

**One Team. Three Brands. Total Expertise.**

**HITACHI**

 **SULLAIR**

 **CHAMPION**

Hitachi Global Air Power Australia is the name behind the trusted compressor brands you know - **Hitachi, Sullair, and Champion.**

As a multi-brand service provider, we offer nationwide expert support for all compressors in our portfolio – and we're just as equipped to service any other brand you operate.

Whether you're running **Hitachi, Sullair, Champion – or any other make or model** - your equipment is in experienced hands.

## **Our Air End Solutions**

Our solutions are built to keep your operations moving - offering the most economical way to extend your compressor's life, backed by specialist expertise and fast turnaround you can rely on.

### **Service Exchange:**

**Get back up and running, fast**

Replacing a compressor can be a costly exercise - not just in equipment cost, but also in installation and the downtime that disrupts your operations. That's why we offer our Compressor Air End Service Exchange Program: a fast, cost-effective alternative. Simply exchange your old air end for a new or refurbished one, right off the shelf at your local service centre. This means significantly less downtime for your compressor, getting your operations back up and running sooner.

### **Customised Air End Rebuild:**

**Precision, performance, and peace of mind**

Every compressor has its own story, and we believe its rebuild should too. Our customised Air End Rebuild service is tailored precisely to your unit. We use genuine parts and apply our deep technical expertise, precision-engineering each component to meet – original factory specifications. It's a smart, economical choice that revitalises your existing equipment, extending its lifespan and restoring peak performance without the significant capital outlay of a brand-new compressor. Plus, our optional loan compressors ensure your air needs are met continuously, preventing delays, downtime, or disruption.



## How to tell if your Air End needs attention

Over time all compressor Air Ends experience wear - especially in demanding environments like heat, humidity, or dust. As tolerances increase, coatings degrade, and screw geometry wears down, your compressor works harder, consuming more energy and increasing the risk of failure. It's crucial to spot the signs that your air compressor's air end might need repair or replacement. To avoid rising energy costs and unexpected downtime, here's what to look for:

**Age of Your Compressor:** If the compressor is nearing the end of its expected lifespan, it might be more cost-effective to rebuild it than replace.

**Reduced Air Output:** If you're noticing lower compressed air flow, it could be a sign of worn bearings, rotor damage, or seal failure.

**Lower Efficiency:** Increased energy use for the same output suggests declining air end performance.

**Unusual Noise and Vibration:** Don't ignore new sounds like humming, Unusual sounds such as humming, rattling, or clicking - along with excessive vibration - indicate internal wear, misalignment, or component failure within the compressor.

**Oil Carryover and Contamination:** Seeing visible leaks around the housing, or the presence of metal particles in the oil may all indicate internal wear, seal failure, or component damage.

**Higher Operating Temperatures:** If your compressor is running hotter than its usual operating temperature, may indicate poor heat management.

## Why Rebuild Instead of Replace?

These solutions are designed to:



### Efficiency

The most economical way you can maximise the usable lifespan of your compressor.



### Reliability

Turn the risk of major failure into a reliable, lasting asset.



### Cost

Minimise downtime, costs, and disruption compared to a full replacement.

By choosing Hitachi Global Air Power, you're not just getting a great air compressor. You're gaining access to a dedicated team focused on helping you get the most out of your investment.

**Call us today at 1300 266 773 to speak to one of our expert team.**

**Hitachi Global Air Power Australia**

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[hitachiglobalairpower.au](http://hitachiglobalairpower.au)

T 1300 266 773

