



NEXT GENERATION INDUSTRIAL AIR POWER

World Class Engineering, Efficiency, and Support for the USA



A Heritage of Engineering Excellence

For over 60 years, Kaishan has distinguished itself as an engineering and manufacturing leader in the development of powerful industrial equipment across a wide range of product categories.

From large scale steam expanders to organic thermal power generation systems and high efficiency air compressors, Kaishan continues to provide the global marketplace with some of the highest quality, most efficient industrial equipment available today.

Kaishan combines highly skilled engineering and low cost manufacturing operations to provide industry leading value, performance, and reliability.

A Wide Array of Industrial Solutions

With a track record of building equipment for a wide variety of global industrial applications, Kaishan represents a very compelling alternative in the intensely competitive domestic marketplace. We offer powerful, high quality manufactured compressed air equipment across a wide array of applications including:

- Construction machinery
- Mining and Drilling equipment
- Geothermal power generation
- Air and gas compression
- Rubber & plastic products

Kaishan offers a broad array of high performance compressed air products used for quarry digging, mining and exploration, refrigeration, irrigation systems, transportation, and compressed air systems. Our equipment is currently in service in over 60 markets around the globe including Germany, Japan, Korea, Russia and more.

Vertical Integration Drives Quality

Kaishan is one of the most vertically integrated industrial equipment manufacturers in the world.

We directly control 85% of the engineering, supply chain, and manufacturing associated with the production of our compressed air equipment lineup. We've carefully integrated lean manufacturing, simplified organizational structure, and our low overhead operating model together to provide important end user benefits:

- **High Quality** – embedded QC reviews and assurance certifications ensure the highest quality manufacturing
- **Fit & Finish** – precision components expressly engineered to support Kaishan finished product
- **System Performance** – Integrated engineering and manufacturing operations produces improved system performance
- **Value** – 85% integrated supply chain + manufacturing processes maximize value for the customer

Now Kaishan brings its integrated engineering, design, and manufacturing expertise to the Americas with an unprecedented investment in the industrial compressed air systems industry.

Superior Engineering = Reliable Air Power

Today's industrial air power user requires consistent performance and reliability augmented by on-demand technical service/support.

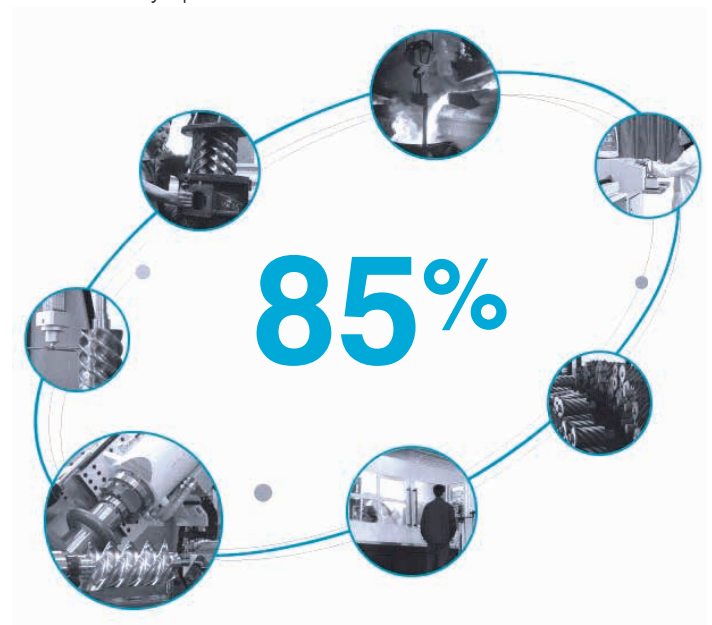
Since our inception, Kaishan has consistently invested aggressively in engineering technologies and expertise to ensure we produce only the finest quality, most reliable compressors you can buy.

Our experience engineering large scale industrial equipment has translated into some of the compressed air industry's most reliable and efficient compressor systems available today.

Delivering Vertical Integration

Kaishan delivers true vertical integration in many ways. We own and operate all of the following manufacturing and production aspects required to deliver the benefits of vertical integration:

- Pressure vessel manufacturing
- Sheet metal fabrication
- Precision machining and grinding
- Foundry operations



Invested in America

Kaishan has made a multi-faceted investment in the American design, manufacturing, service and support infrastructure with one vision in mind:

Become a leading force in compressed air system manufacturing and renewable energy and efficiency.

Made in Alabama

In 2019, we completed construction and moved into our new 65,000 sq. ft. compressed air assembly and manufacturing facility in Loxley, AL. This facility features expanded headquarters staff, parts distribution, and field service/support functions. It also leads the company in design, stocks an expanded array of single and two-stage rotary screw compressors and an assortment of OEM quality system components and aftermarket products.

US Investment Features:

- **Precision Machine Shop** – Produces rotors and airend housings under the tolerances required to have market-leading efficiency.
- **Airend Assembly** – Includes expert assemblers with over 20 years of experience.
- **Unit Assembly** – Provides the ability to offer customizable options, short lead times and specials that other manufacturers shy away from.
- **Test Facility** – We 100% test every unit with the same equipment as the CAGI certified testing center.
- **Warehousing** – All consumables and aftermarket parts are on the shelf and ready to ship.

Our new Loxley facility is also the home of the Oil-Free Rotary Compressor development for the entire Kaishan group, including the engineering of the airend, package, controls and

electrical. Not only will this product be developed in our Loxley facility, but it will be machined and assembled for export to the entire globe.

Broad Compressor Range

In the USA, Kaishan offers a wide array of state-of-the-art direct drive and belt driven rotary screw compressor technologies.

Our longstanding commitment to the highest quality engineering results in outstanding product fit and finish in everything we produce. We manufacture more than 60,000 industrial air compressors a year and rank as the third largest compressed air system manufacturer in the world.

With our new manufacturing and assembly operation in Loxley, AL and a network of localized distributors, Kaishan is making a significant investment in America.



Highly Attractive Total Cost of Ownership

Kaishan offers some of the compressed air industry's most attractive economic values available today.

To appreciate the Kaishan difference is to understand the direct and indirect costs and benefits of our engineering and efficiency focused manufacturing model. We are committed to controlling all the critical product design, sourcing, component manufacturing, and final assembly aspects of every compressed air system we produce.

Corporately we maintain a 60,000 sq. foot R&D facility dedicated to continuous improvement in the areas of product innovation and system efficiency performance metrics. Our world-class CNC equipment and compressor component machining shops help us deliver some of the highest quality compressor systems in the world.



Lower Upfront Purchase Pricing

Our 85% vertically integrated design, manufacturing and production processes enable us to deliver more attractive equipment pricing than other compressed air brands.



Reduced Energy Consumption

Kaishan rotary screw compressors are meticulously engineered to be among the most efficient air systems on the market.

Operating efficiency is determined largely on the basis of air flow through the unit coupled with systems that automatically turn the compressor off when air power is not required. Compressor efficiency also has some very real and important environmental impact. Kaishan engineers every compressed air system with care to maximize system efficiency and minimize emissions and other negative impact on our ecosystem.

Kaishan intelligent electronic control systems and sophisticated engineered design provide superior efficiency and optimized, energy-efficient performance...even in extended use applications.



Extended Service Life

Precision engineering and a meticulous focus on quality control helps Kaishan equipment deliver industry leading service life. Our premium direct drive rotary screw compressors are designed to deliver 20+ years of worry-free service backed by the industry's only "true lifetime warranty" on the core air end critical system components.



Building some of the compressed air industry's most enduring and efficient compressor systems is no easy task. Kaishan has made a long-term commitment to pioneering innovative ways to improve product service life and operating efficiency across our complete line of rotary screw compressed air systems.



World Class Service + Support

Powerful, high efficiency compressed air systems require precision installation and technical support. Kaishan backs every compressed air system we sell with factory trained and certified distributors and service technicians, and some of the compressed air industry's most comprehensive warranty programs.

Nationwide Distributor Network

Our national distributor network is regionally placed to ensure rapid customer repair or replacement response capabilities across the USA.

Kaishan authorized distributors undergo rigorous technical product training that covers all aspects of our compressed air systems. From comprehensive service contracts to on site installation, Kaishan ensures all distributors are factory trained and qualified to address any system related issue a customer may have anywhere, anytime.

Dedicated to Building Win/Win Relationships

While some customers may elect to perform their own periodic system maintenance, Kaishan distributors and service personnel provide complete system support from lubrication service to replacement filters and more complex drive train and bearing checks, Kaishan distributors can keep your system running smoothly for years to come!

Our proprietary online system contains details of every component of every Kaishan system sold. This means distributors and service technicians can identify, order, and replace parts quickly. We understand that compressed air is a vital utility to industrial and commercial organizations. The faster we can maintain or repair an outage...the quicker customers can be back in business.

Best-in Class-Warranty Protection

Nobody wants mechanical problems with their industrial equipment. But, we all know issues can occasionally arise with any piece of complex machinery.

Kaishan backs all our rotary screw compressors with some of the most extensive "No Hassle" warranties on the market. Our premium direct drive systems come with a lifetime air end warranty and generous five years of protection on other critical system components.

Our other compressor lines have best-in-class warranty packages to provide years of worry free operation and prompt, Kaishan certified technical service/support nationwide should a problem arise.

**At Kaishan, we understand that
service & support is job #1**



Premium Direct Drive Compressors

Maximum Performance + Efficiency for Highly Demanding Applications

Kaishan's KRSP compressors are best-in-class, high performance machines engineered for the toughest, most demanding environments. KRSP models are direct drive compressors offered in single (KRSP) and two stage (KRSP2) variants.

The KRSP and KRSP2 provide exceptional capacity, reliability, and efficiency and are built from the finest quality components. They are great choices for factory and heavy industrial manufacturing applications with high performance requirements.

Direct Drive Compressors

Optimal Balance of Performance + Efficiency

The Kaishan single stage direct drive KRSD compressors provide increased performance and output without compromising efficiency.

KRSD single stage, direct drive air compressors feature direct drive transmission delivering more efficient operation and reduced energy costs than belt drive compressors. KRSD direct drive compressors require less maintenance than belt drive systems.

KRSD units are a popular option for industrial manufacturing or factory applications such as chemical processing, pulp, offshore oil and gas drilling, plastics, and food production.

Belt Drive Compressors

Flexible Pressure Range for Value Conscious Buyer

Kaishan belt drive air compressors represent exceptional reliability and operating efficiency at attractive cost.

Kaishan offers the KRSD belt drive compressor in a floor-mounted or tank mounted design. The KRSD combines low up-front capital costs + reduced operating costs, delivering reliable, economic performance for a variety of light to medium industrial applications including automotive repair shops and varied manufacturing environments.



k|r|s|p

40HP-500HP

k|r|s|p²

30HP-600HP

KEY FEATURES AND BENEFITS

- Single Stage (KRSP) and Two Stage (KRSP2) – deliver world class compressed air efficiency
- Proprietary four bearing design on male rotor
- Advanced Digital Control System – comprehensive system management, remote monitoring, and automated programmed maintenance alerts

WARRANTY

- Lifetime air end warranty
- 5 year on major system components



k|r|s|d

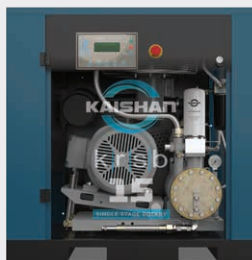
15HP-200HP

KEY FEATURES AND BENEFITS

- Direct (1:1 ratio) Drive Train – eliminates power transmission loss as opposed to gear drive designs
- Patented ‘SKK’ Air End – maximum output with less energy consumption
- Digital Control System – monitors and controls key functions and provides scheduled service alerts

WARRANTY

- 10 year air end warranty
- 5 year on major system components



k|r|s|b

5HP-50HP

KEY FEATURES AND BENEFITS

- Flexible pressure capability from 100 to 175 psig to meet a wide variety of applications
- Control System – Simple, intuitive compressor functional controls
- Laminar Flow Inlet Valve – increases output for more reliable and efficient performance

WARRANTY

- 5 year air end warranty
- 5 year on major system components

An Exciting New Force in the American Compressed Air Industry

Compressor Type	Premium Direct Drive	Direct Drive	Belt Drive
Models	KRSP, KRSP2	KRSD	KRSB
Description	Maximum performance + efficiency for highly demanding applications	Optimal balance of performance + efficiency	Ideal for entry level, value conscious buyers
Sizes	40HP-600HP	15HP-200HP	5HP-50HP
Applications	Large scale factory applications	Manufacturing heavy industrial	Light industrial
Air End Warranty	Lifetime	10 years	5 years

Kaishan – Engineering the Future

The Kaishan Difference

Industrial Equipment Legacy

Designing, engineering, and producing highly complex industrial equipment for 60+ years

A World Leader

One of the leading air compressor manufacturers in the world today

Significant U.S. Commitment

An unprecedented commitment to the U.S. market

Lower Total Cost of Ownership

Kaishan delivers lower cost of ownership three ways:

- Lower up-front purchase cost
- Lower operational energy costs
- Greater durability

Broad Product Line

Direct and belt drive rotary screw compressors for any end user application

Industry Leading Warranties

The best air compressor system warranties available

Call us or contact your local Kaishan distributor for more information.

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