



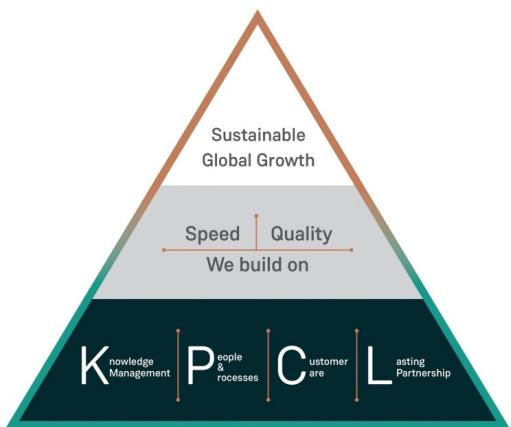
**Kirloskar Pneumatic
Company Limited**

30th January 2026

Vision, Mission & Our Values



VISION



MISSION

We will demonstrate an edge to all our stakeholders in our offerings for converting/transmitting energy.

We will strive to make our company an employer of choice.

OUR VALUES



EXCELLENCE

In everything we do, Quality without compromise



INTEGRITY

Say what we do, and do what we say



COLLABORATION

We grow with People and Partners



EMPATHY

Towards all Stakeholders
We always Listen and Learn



VALUE CREATION

Towards all Stakeholders
We're building for a shared prosperous future



INNOVATIVE THINKING

Be Bold & Brave and stay Relevant

QEOHS Policy



QUALITY, ENVIRONMENT, OCCUPATIONAL HEALTH & SAFETY POLICY

Kirloskar Pneumatic Company Limited is in the business of manufacturing Air, Gas & Refrigeration Compressors and Packages, Vapour Absorption Chillers, Hydraulic & Mechanical Transmission Products and Gears.

Through implementation of QEOHS Management System, We commit

- to be a process driven organization.
- that all our Products & Services meet Customers' Needs & Expectations.
- that Quality, Environmental and OH&S requirements are an integral part of our processes.
- that as an organization we will focus on continual improvement of QEOHS performance.
- to provide safe & healthy working conditions for prevention of work related injuries, ill health and provide a conducive atmosphere to our interested parties.
- to establish a platform for setting and reviewing Quality, Environment and OH&S objectives.
- to periodically assess, review and mitigate the environmental aspects/impacts and OH&S hazards / risks in its Activities, Products & Services.
- to comply with all applicable compliance obligations / legal and other requirements to which Kirloskar Pneumatic Company Limited subscribes to that relate to environmental aspects and OH&S hazards.
- to eliminate hazards and reduce OH&S risks.
- to continually work towards the protection of environment, including prevention of pollution and other specific commitments relevant to the context of the organization.
- to ensure consultation and participation of workers, and, where they exist, workers representatives.
- to be a socially responsible organization.

Kirloskar Pneumatic Company Limited is committed to the satisfaction of all our Stakeholders.

Our "Values" will be central to all our actions.

Date: 12th February, 2021
Revaluated on: 2nd May, 2023


K Srinivasan
Managing Director

"Mark 'Kirloskar' used in any form, express or implied is owned by Kirloskar Proprietary Limited and Kirloskar Pneumatic Company Limited is the Permitted User."



135+

Years of Legacy

India's Premier Engineering Conglomerate

Key Highlights

First

Indian Company
approved for
Hydrocarbon
Refrigeration
Systems

First

Supplier of
Traction Gears to
Indian Railways



70%
India market share for
Ammonia Refrigeration
Compressors

1,000+
Packages installed at CNG
Stations across India

**Kincentric
Best
Employer
Award
2023**

3
State-of-the-Art
Manufacturing
Facilities

80+
Dealers

900+
Employee
Strength

Our Presence

3 Manufacturing Plants

Hadapsar, Pune (Head Office)

Saswad
Nashik

10 regional offices

West region

Mumbai
Ahmedabad
Vadodara



North region

New Delhi
Lucknow

East region

Kolkata

South region

Chennai
Hyderabad
Visakhapatnam

International
Partners

kirloskar
Pneumatic



KDMCC

Kirloskar Direct Multi Commodities Centre, Dubai



Kirloskar Trading SA Pty Ltd

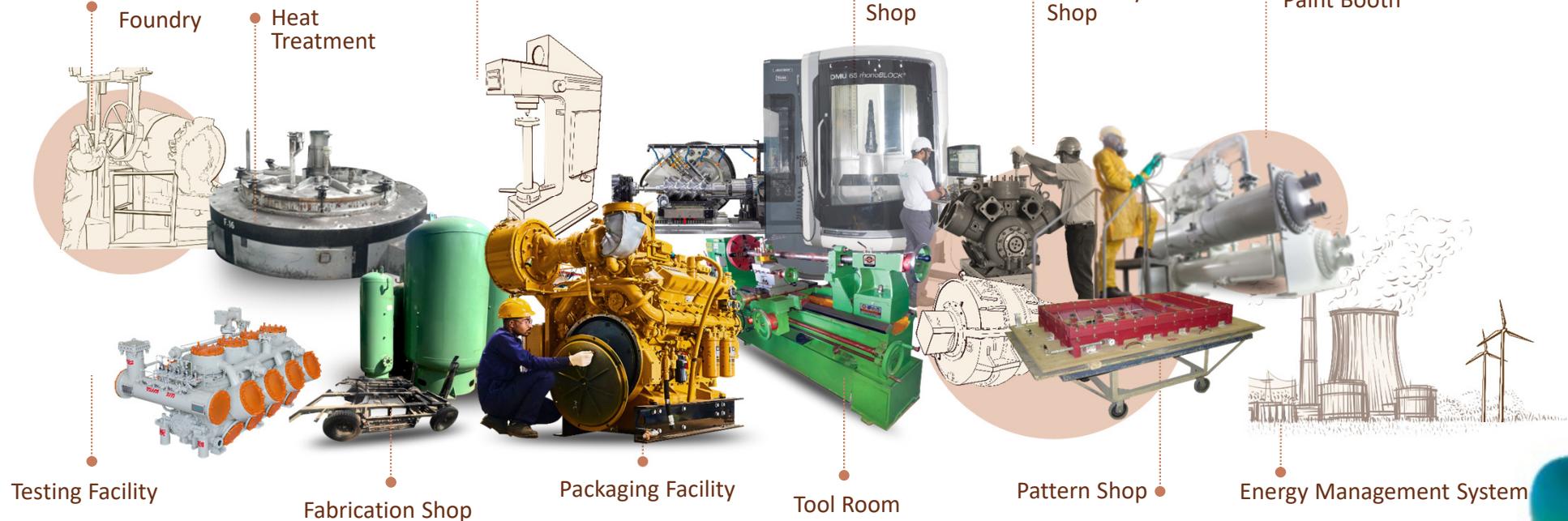
(formerly known as JITSP), South Africa



KSEACL

Kirloskar South East Asia Co. Ltd.

Manufacturing Capabilities



 **>98%**
on-time delivery index

 **<24 Hrs**
MTTR

 **Lowest cost of ownership**

 **8T**
Foundry Capability
deliver 8 tones / day Casting

 **3MW**
capacity for building and testing packages at Saswad

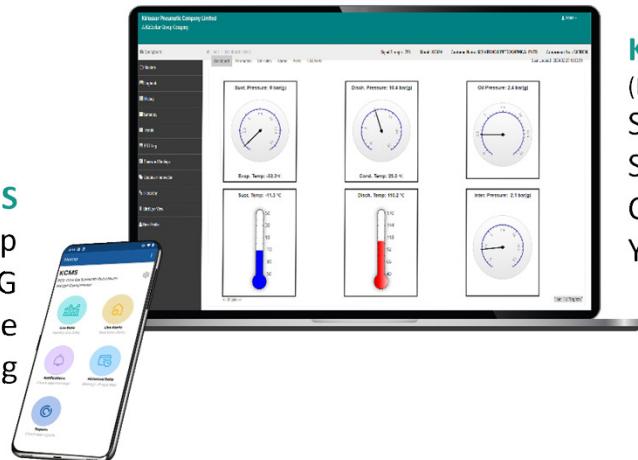


Manufacturing Capabilities

Smart Factory



Kirloskar CMS
User-Friendly App
for Effortless CNG
Package Performance
Monitoring



IIoT Enabled Manufacturing
(OEE > 90%, PPM <500, FTA > 98%)

Adapted to cloud hosting & the **new-age PLM** (Product Life Cycle Management) framework

Digitalized Stores for efficient **Inventory Management**

kirloskar
Pneumatic

Digitalized Audit Management to improve overall efficiency

Digitalized Activity Tracker and Reports to get real time insights

Automated Testing Beds

KRMS
(Kirloskar Remote Monitoring System)
Seamlessly Monitoring KCX Series Refrigeration
Compressor Performance at Your Convenience

Manufacturing Backed by IMS (Integrated Management System)

kirloskar
Pneumatic

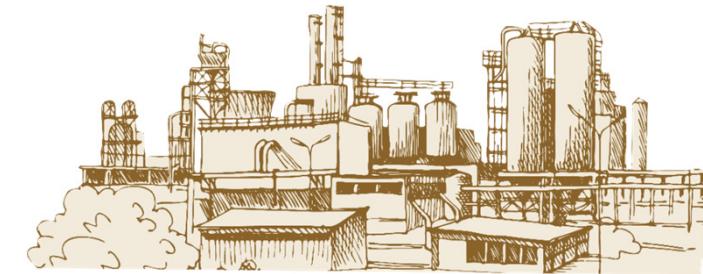
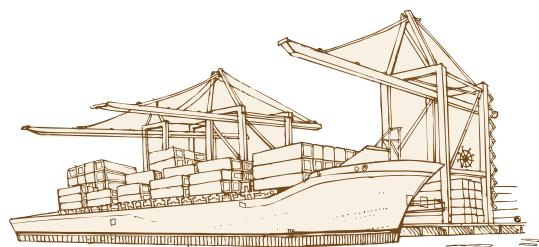


**IMS - Integrated
Management System**

ISO 9001 : 2015

ISO 14001 : 2015

ISO 45001 : 2018



Air Conditioning & Refrigeration Systems (ACR)

Cooling our way into the future



Air Conditioning & Refrigeration (ACR)



ACR started with manufacturing of Air Conditioning & Refrigeration compressors (equipment group) and expanded into refrigeration projects and subsequently expanded into manufacturing Vapour Absorption Chiller



Refrigeration Equipment & Refrigeration Systems



Refrigeration Projects & Marine HVACR



Vapour Absorption Chillers



Spares & Service

ACR - CAPABILITIES



Innovation through Design & Development



Manufacturing IoT Enabled



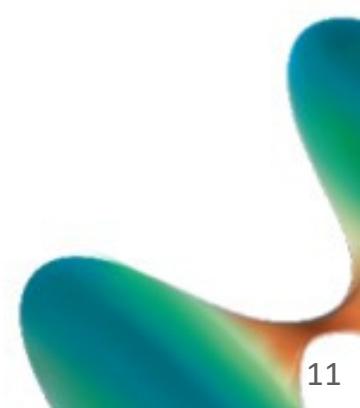
Largest Sales & Service Network



Supporting Large Installation Base



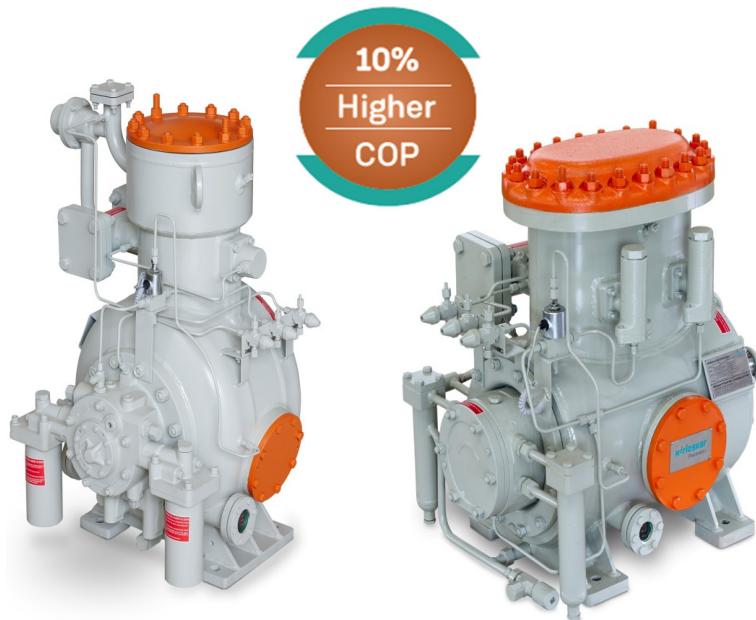
Training & Development



RECIPROCATING REFRIGERATION COMPRESSORS

PCX – REFRIGERATION COMPRESSOR FOR SMALL CAPACITIES

kirloskar
Pneumatic



Air Cooled Refrigeration
Compressor

Small Yet Powerful Refrigeration Compressors

Offering

Temperature Range Capacity
-15°C to 5°C **5 to 55 TR**

- Compact Design
- Best In Class COP
- High Efficiency Suction & Delivery Valve
- Power Saving
- Compact Design - Less Footprint
- Easy to Package and to Install
- Drive Arrangement - Direct & Belt Driven



RECIPROCATING REFRIGERATION COMPRESSORS

KCX – AIR COOLED REFRIGERATION COMPRESSORS

kirloskar
Pneumatic



Air Cooled Refrigeration
Compressor

Heavy Duty Refrigeration Compressors

Offering

Temperature Range (-) 45°C to 5°C	Capacity 20 to 500 TR
--------------------------------------	---------------------------------

- Fabricated Modular Rugged Construction
- Superior COP Values at Full & Part Load Operation
- Lowest Cost of Ownership
- Smart Monitoring & Control - KRMS
- Low Vibration & Noise Level

**Single & Double Stage Refrigeration Compressor For
Industrial Low Temperature & Large-Scale Deep Freezing
Applications**



RECIPROCATING REFRIGERATION COMPRESSORS

ENGINEERED SET – DELIVERING RELIABLE REFRIGERATION

kirloskar
Pneumatic



Air Cooled Refrigeration
Compressor Set

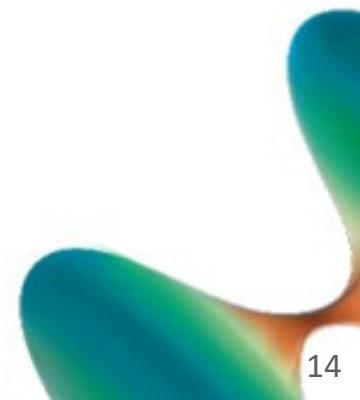
Efficient And Robust Refrigeration Set

Offering

Temperature Range Capacity
-45°C to 5°C **20 to 500 TR**

- Assembled skid
- Plug & play package – Easy installation
- Custom designed for each application
- Integrated automation
- Oil return line with check valve and filter
- Skid-mounted control and monitoring system

**Single & Double Stage Refrigeration Compressor For
Industrial Low Temperature & Large-Scale Deep Freezing
Applications**



RECIPROCATING REFRIGERATION COMPRESSORS

KZX – HIGH SPEED REFRIGERATION RECIPROCATING COMPRESSOR

kirloskar
Pneumatic



Air Cooled Refrigeration
Compressor

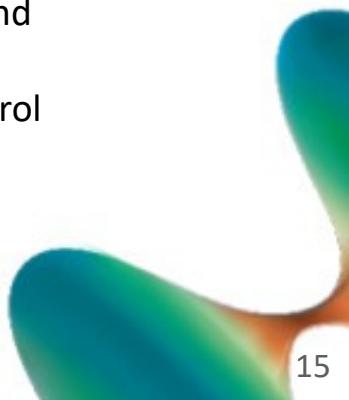
Compact and Powerful Refrigeration Compressors

Offering

Temperature Range	Capacity
-45°C to 5°C	10 to 100 TR

- High Coefficient of Performance
- The Robust Crankcase Design Ensures Low Noise and Vibration
- Large Suction Chamber for the Reduction in Pressure Drop
- Capacity Control for Each Cylinder
- Externally Mounted Suction Gas Strainer Makes Service and Maintenance Easy
- KRMS Integration with VFD Offers Step-less Capacity Control
- Max: 1500 RPM

**High Speed High Efficiency Open Type
Reciprocating Refrigeration Compressor**

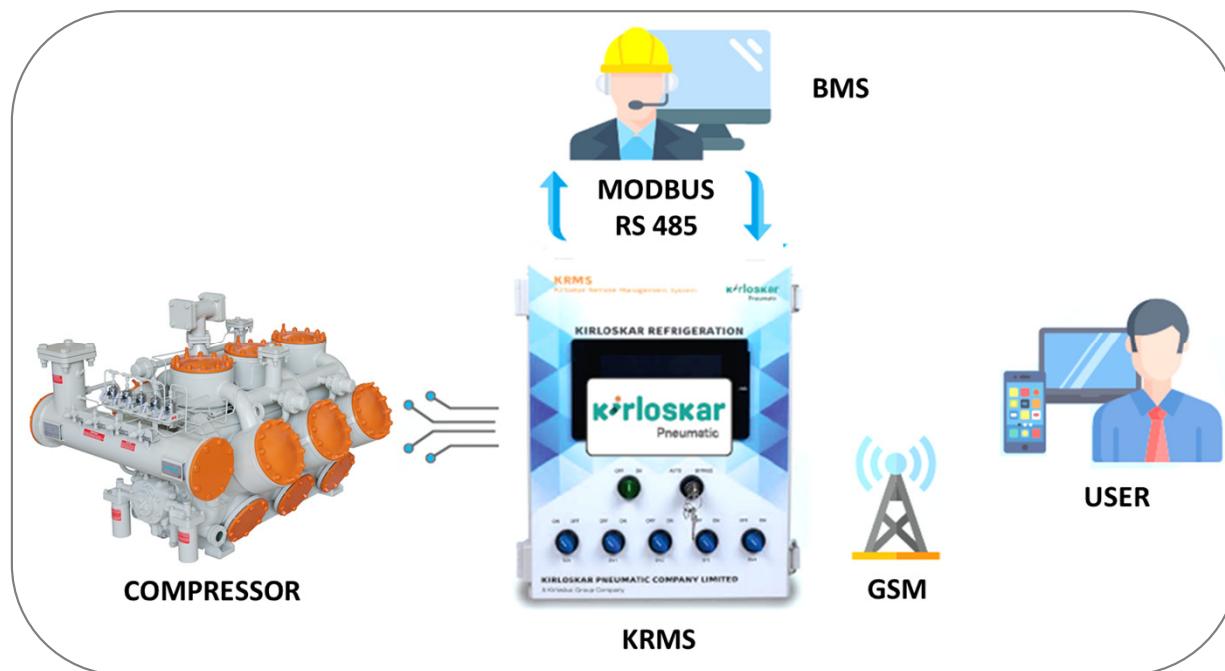


REFRIGERATION EQUIPMENT & REFRIGERATION SYSTEMS

VALUE ADDED PRODUCT

KRMS – KIRLOSKAR REMOTE MANAGEMENT SYSTEM DELIVERING EXCELLENCE THROUGH INNOVATION

kirloskar
Pneumatic



Enhanced Safety & Protection



Compressor Controller



Remote Monitoring of Compressor at Fingertips

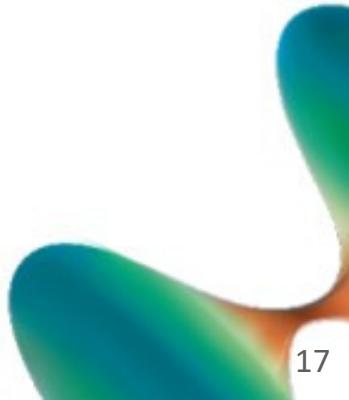


Maintenance Monitor



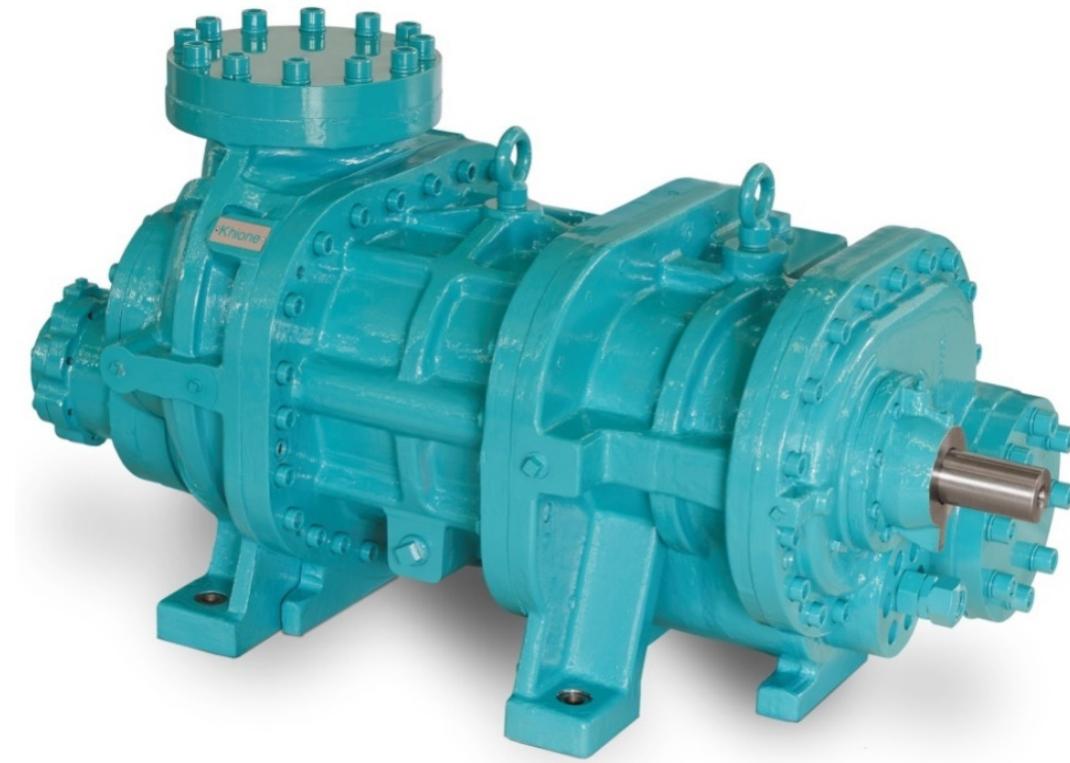
Smart Diagnostics

khione



SCREW COMPRESSOR Branding - KHIONE

kirloskar
Pneumatic



**KHIONE – Name originates from Greek Origin.
It means Goddess of snow**

It is the 1st Indigenously developed twin screw compressor.

Robust and Reliable in construction

Suitable for refrigerants like NH3, R404A, R22, R134A, R507, R407 etc.

Capacity Range:50 TR to 900 TR with temperature range of -40 Deg. C to (+) 5 Deg. C

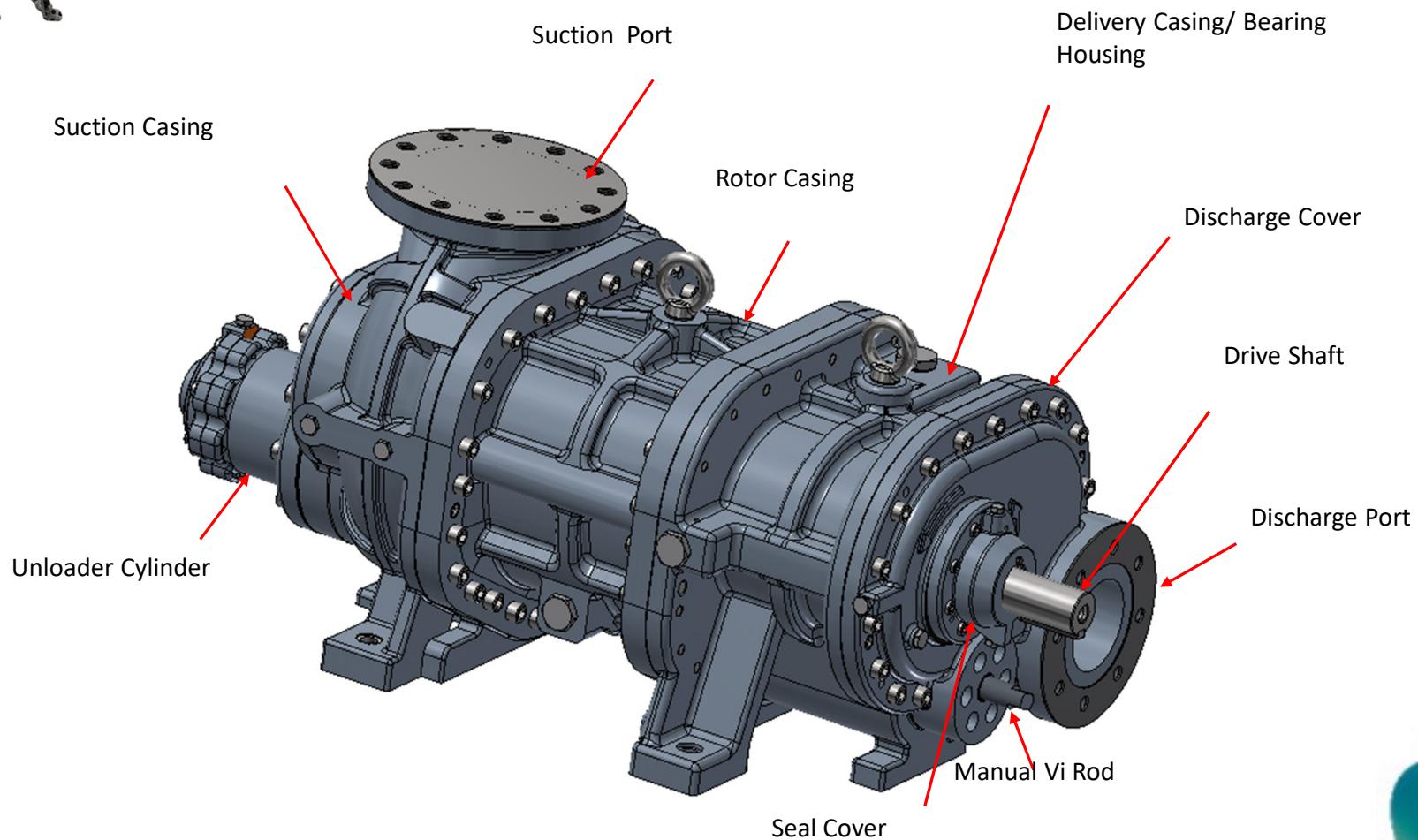
Application: High Stage and Booster duty

Khi^one



Innovation Journey – Khione

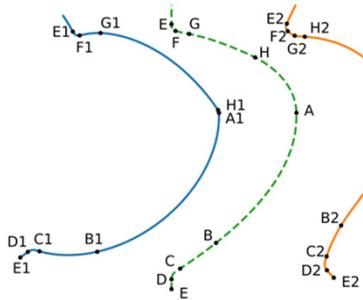
kirloskar
Pneumatic



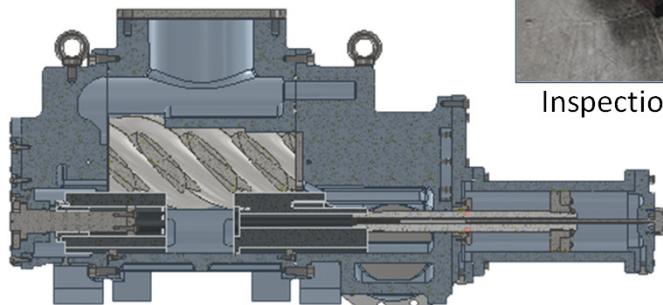
Innovation Journey – Khione



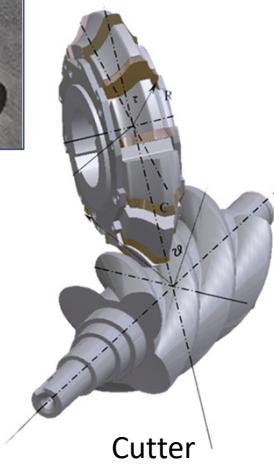
Patent Certificate



Inspection of rotor

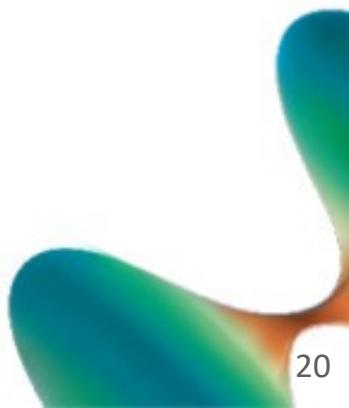


Cross-sectional view indicating
Slide Valve & Slide Stop



Cutter

- 9 products compressor range
- Patented 'K-Profile' rotor
- Premium Product with reliable aftersales.

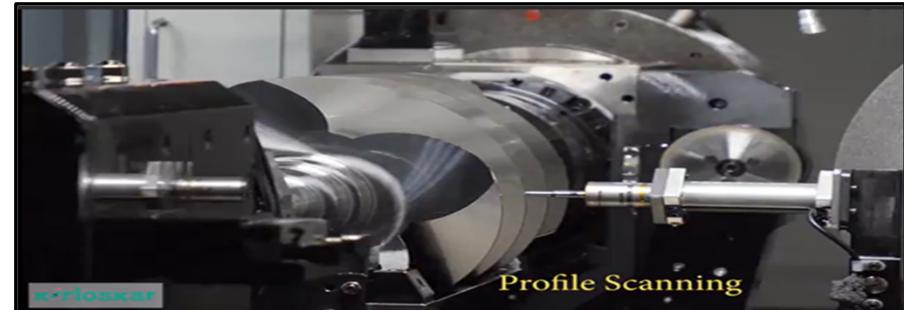


Innovation Journey – Khione

“Building a Scalable Product Platform”



Screw Rotor Grinding using new Gen Machines



Online Profile Scanning gives real time inspection



Underwater Pneumatic test



In-House Testing

- Established **in-house** processes – For Best-In-Class Product.

SALIENT FEATURE – KHIONE



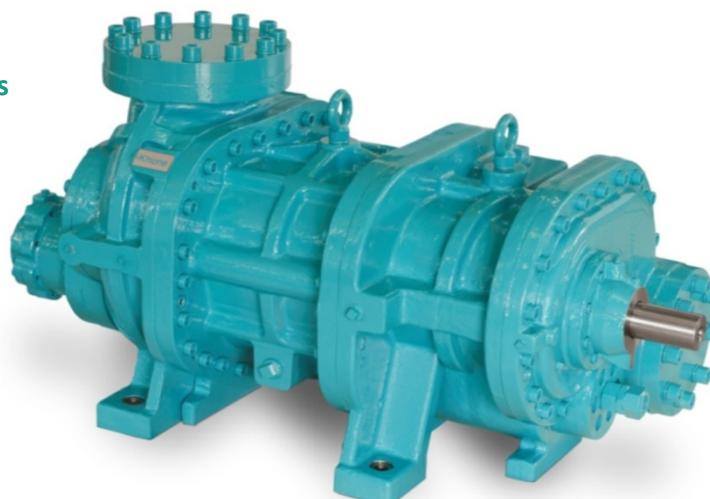
Anti-friction Bearings
For Maximum Life



Low Cost of
Ownership



Economizer Port
For Higher COP



Khione



Min/Max Operating
Speed
1450/3600 rpm



Discharge Port
Convenient For
Packaging



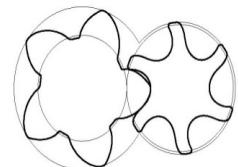
Robust & Reliable
Design



Step Less Capacity
Control Slide Valve :
10 To 100%

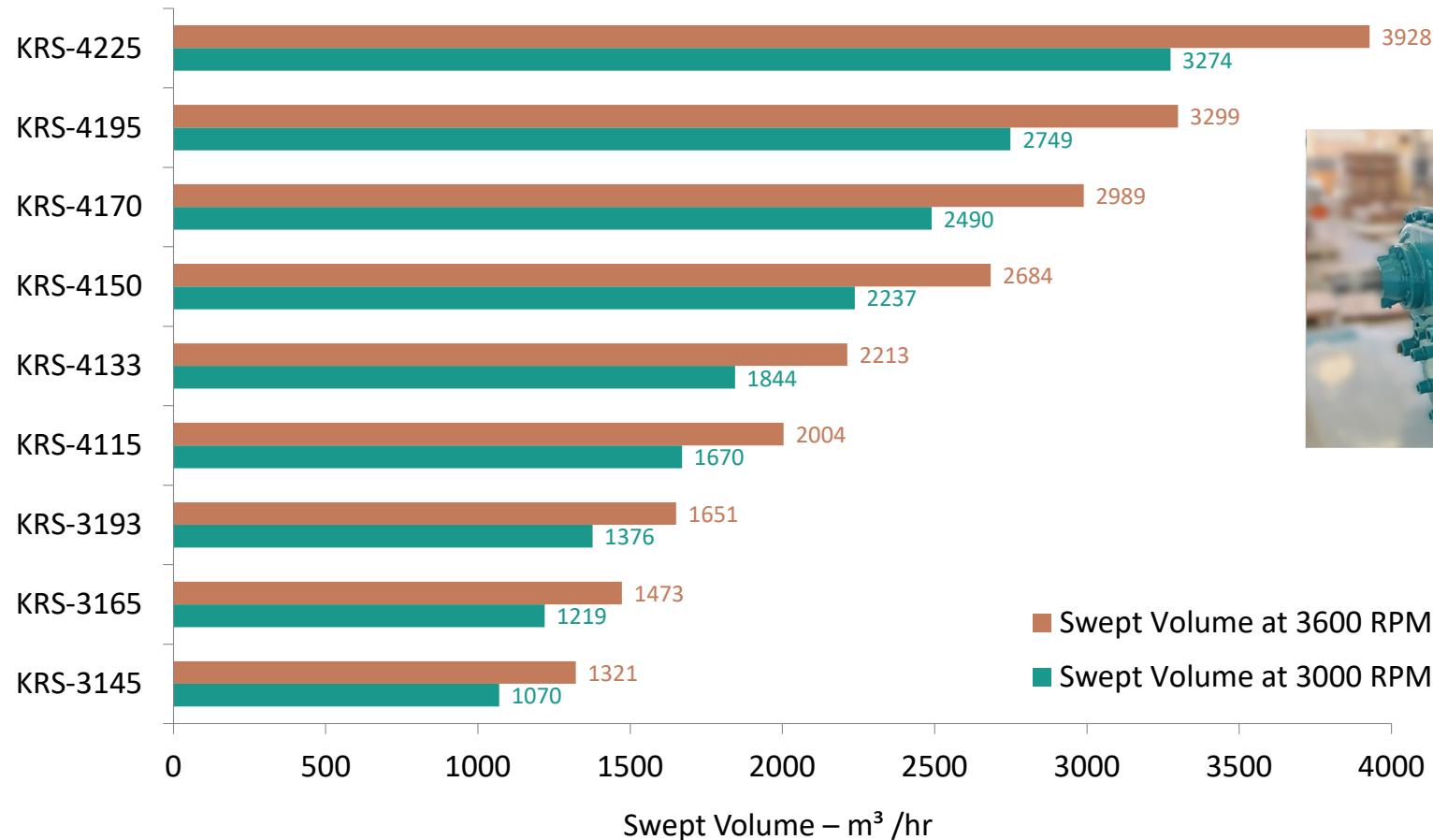


+5 To (-) 45°C
Evaporating
Temperature Range



'K' Profile rotors

KHIONE RANGE – Swept Volumes m³ /hr

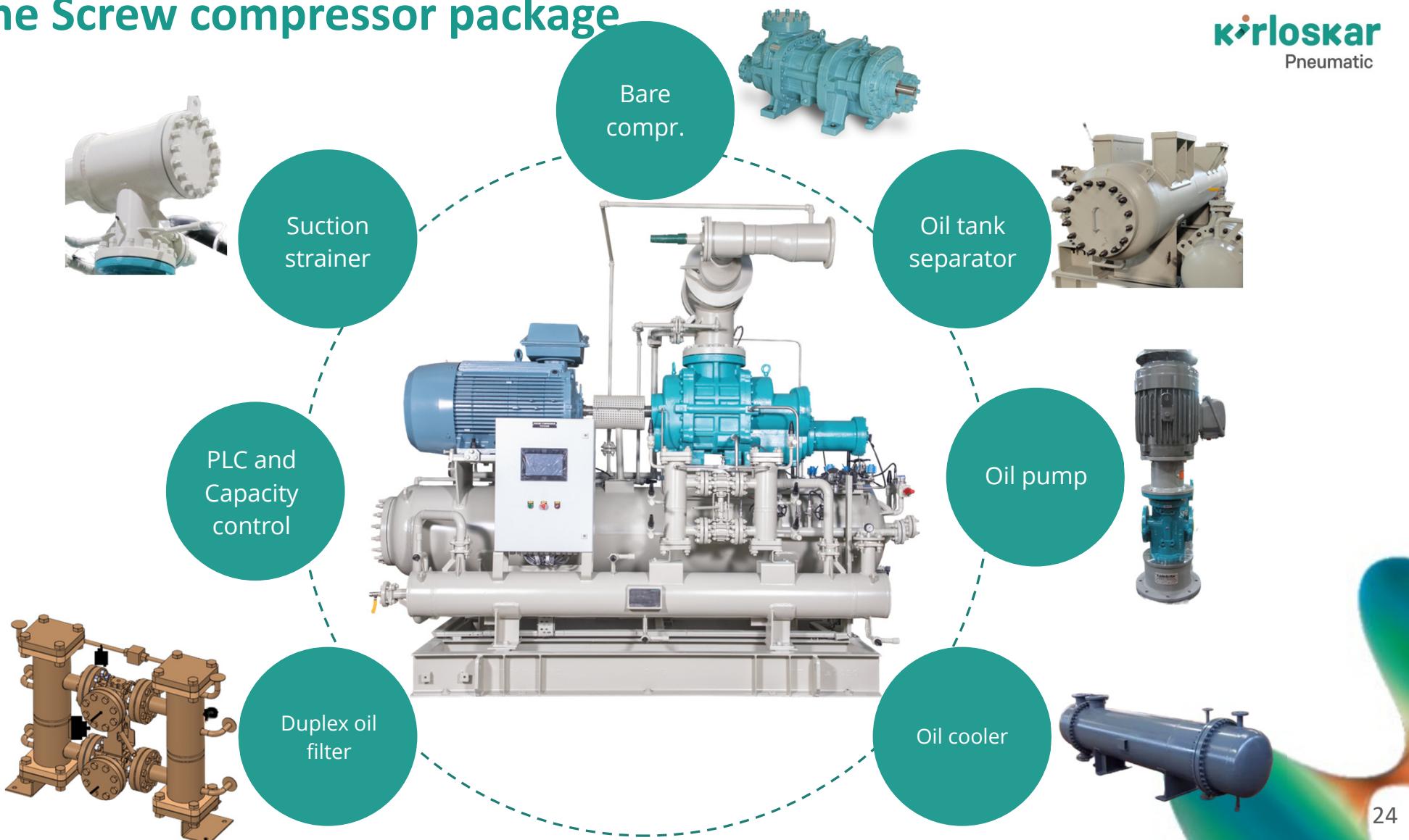


■ Swept Volume at 3600 RPM

■ Swept Volume at 3000 RPM

Khione Screw compressor package

kirloskar
Pneumatic



Khione Test Bed

kirloskar
Pneumatic



- **Mechanical Air Run Test –**
Checking of all rotating parts
Checking of undue noise
Vibrations.
- **Performance Testing**
Plus 5 to Minus 40 Deg C Suction temp.
Plus 40 Deg C Condensing temp.
Refrigerant- Ammonia
*Testing on variable temperatures
VFD available for testing
- **Loading and Unloading**
- **Tested at 2950 rpm.**

A Few Snapshots of our Installations

kirloskar
Pneumatic



Dairy



Food & Beverages



Sea Food



Dairy

A Few Snapshots of our Installations

kirloskar
Pneumatic



CO2 Liquification



Beverages



Chemical

A Few Snapshots of our Installations

kirloskar
Pneumatic



Beverages



Breweries

Q & A



Contact



HEAD OFFICE:

Kirloskar Pneumatic Company Limited
Hadapsar Industrial Estate, Hadapsar, Pune – 411 013,
Maharashtra

Mr. Harshad Vaidya - GM (ACR)
Email: harshad.vaidya@kirloskar.com

Factory: Saswad

Address: Kirloskar Pneumatic Company Limited
Saswad Industrial Estate, Near Waghire College,
Taluka - Purandhar, Dist-Pune, Saswad-412 301,
Maharashtra, India

Regional Office (South): Chennai

Address: Kirloskar Pneumatic Company Limited
5th Floor, B-Wing, KGN Towers, No. 62, Ethiraj
Salai, Egmore, Chennai, Tamil Nadu – 600 008

P. Meenatchi Sundharam – DGM (ACR)
pm.sundharam@kirloskar.com

Thank You

Presented by: Team ACR

<https://kirloskarpneumatic.com/>

