



**UTILITY ENGINEERS**

"Since 1996 Your Trusted Partner in "Utility Air Solutions"

| COMPRESSOR | SPARES | ACCESSORIES

## For All your Compressed Air Needs-Before, During, After Installation

Since 1996 We are providing service excellence in the field of Industrial Air Compressor sales, spares, Service. [Working as a heart of any Industry.]

We at Utility Engineers are committed to meet customers' needs and expectations by providing wide network of sales Industrial Reciprocating as well as Rotary Screw Air Compressor & services and has highly experienced and qualified engineers spread across different regions of the country by delivering competitive services and solutions through continuous improvement by providing the widest range of superior quality products.

We are dealing in all types of spares suitable for Indigenous as well as Imported Air/Gas & Refrigeration Compressors & Reciprocating/Rotary Screw air compressor Semi and Fully Synthetic oil namely:

### Low to Medium pressure Recip Air compressor replacement spares for

M/s. Atlas Copco India Limited [Chicago Pneumatic, Crepelle], Ingersoll Rand [India] Ltd, Bharat Pumps and Compressor Ltd., Kirloskar Pneumatic Co. Ltd. [K.G.Khosla] Etc Equipment to name a few.

### High Pressure PET Air Compressor replacement spares for

M/s. Atlas Copco Crepelle, ABC Crepelle, Chicago Pneumatics Crepelle Thome Crepelle, Bellis and Morcom Comp-air Broom wade, Comp-air-Reavell, Joseph Mehrer, Mikuni, SIAD, Worthington, to name a few.

### Refrigeration Compressor Replacement Spares for

M/s. Accel Sabroe, Bitzer, Carrier-Voltas, Copland, Daikin-Batlilbol, Gram, Kirloskar Pneumatic-Grasso-Bock, Mycom, Stal, Thane, Vitler, York to name a few.

We can offer you all critical spares of OEM quality and standards. We stand for its Unconditional guarantee for material manufacturing defects and performance which will be at Par with OEM supplies. ***"Experience and efficiency to save costs."***

We have an extensive Compressor product line-up to satisfy various needs, ranging from the large centrifugal compressors for process use that form the heart of petrochemical plants, chemical plants, and natural gas plants, as well as general-purpose compressors used in automotive applications, electronics, IT, food processing, steel, and other plant lines.

Other than Compressor, Spares Utility Engineers provide service of solutions to customer's problems by using abundant experience, knowledge and recent technologies. Our solutions make it possible for customers to do an optimum economical operation, extend the life cycle of machines, modernize, upgrade and renew aging machines.

***"We are here whenever and wherever you need us."***

***Specialist In: Reciprocating Air Compressor/Screw Air Compressor Air Audits & Consulting Turnkey piping & ducting, Energy Saving Systems, Preventive & Major overhauling of Compressor, AMC & CMC, O&M, Reciprocating BOP Compressor Suction/Discharge Valve Reconditioning.***

We have Extensive Compressor product line-up

Reciprocating Compressor



We serve in compressed Air/Gas/ACR Industries by providing superior products & service delivery

Rotary Screw Compressor



We make use of our abundant experience, knowledge and recent technologies

Gas Compressor



We provide service of solutions to customer's problems

ACR Gas Compressor



## Our Vision

To be One of the Leading & Most Recalled service provider in Compressed Air Industries in India

## Our Mission

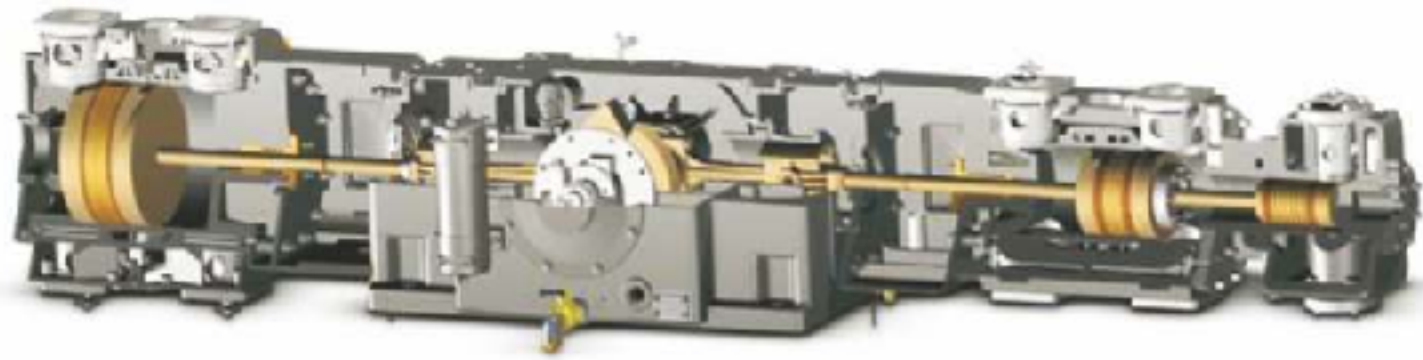
1. To cater customer demand 100% of time, every time and in full.
2. To deliver delightful customer experience by providing differentiated Value Proportion to drive QCD targets.
3. To be a responsible corporate entity and take utmost care of the environment that we operate in.
4. To continuously provide suggestions to drive improvement in the products & services in Principle Brand we cater to.

## Our Core Purpose

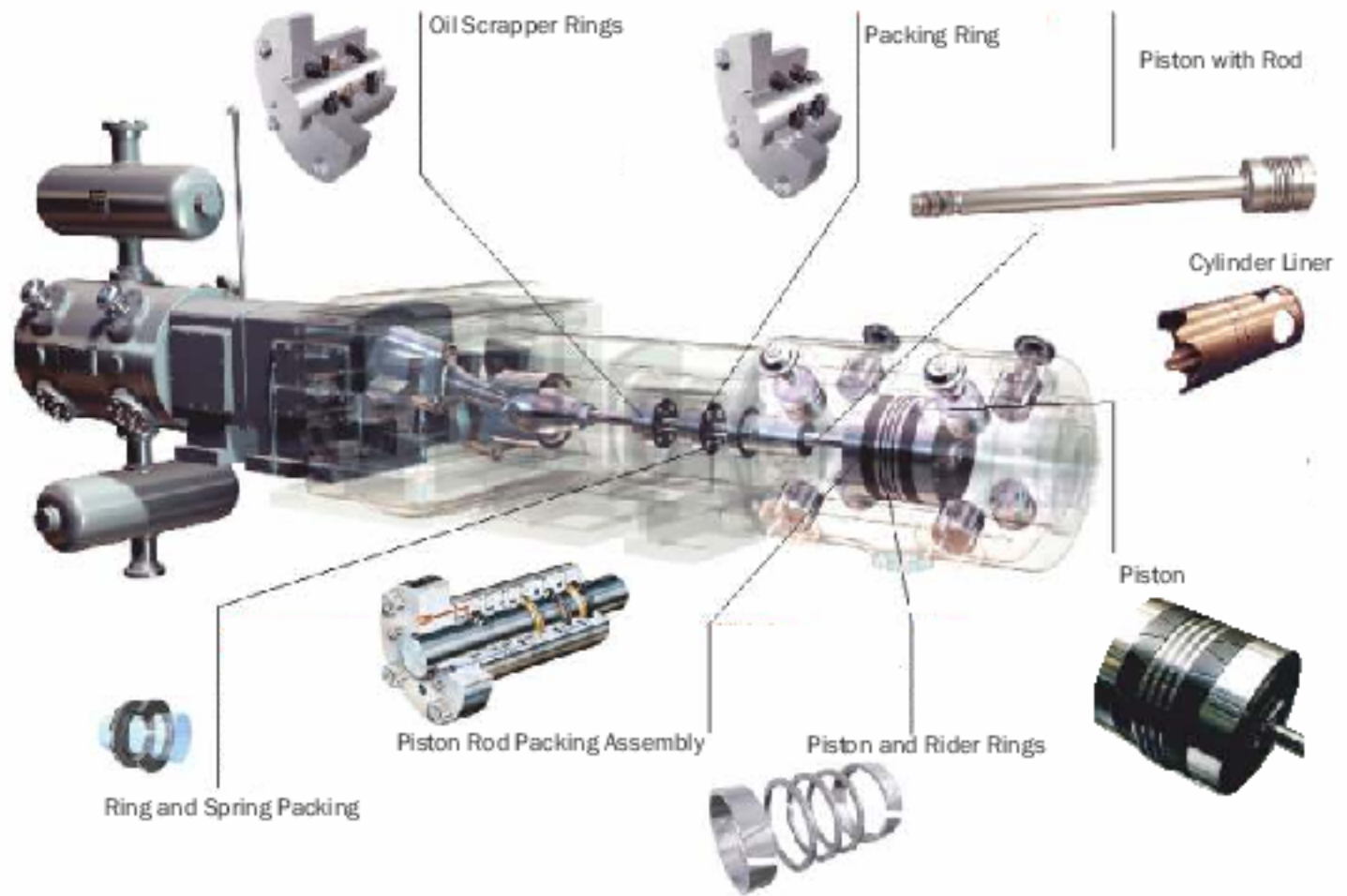
To Provide Delightful Customer Experience to all the customers we serve in Air Compressor Industries by providing superior products & Service delivery.

## Our Core Values

- Integrity
- Customer centricity
- Continuous Improvement mindset
- Corporate Responsibility
- Quality



**Enhanced Component reliability and Best Life Cycle costs**  
*[for Reliable compressor Performance]*





Crank Shaft



Connecting Rod



One Piece Bearing



Oil Pump



Cross Slide



Cross Head



Cylinder



Piston Assembly



Light Weight Piston



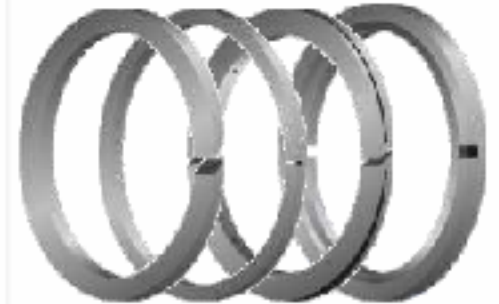
Piston Sleeve



Rider Rings



Piston Rings



Piston Nut



Compressor Valves



O-Ring



Lubricator Pump Element



Inter - After Cooler



Check Valve



## HEAT EXCHANGER

There are variety of heat exchangers such as oil coolers, radiators, charge oil cooler, cooling package, transformer oil cooler

### SPARES

Spares are available for all popular models for compressors, earth moving & construction equipments, diesel engines & others.



### PRODUCT RANGE

- **All Aluminium Vacuum Brazed Heat Exchangers in Bar and Plate Design**
- **All Aluminium Tube-Fin Type Compact Heat Exchangers**  
the Aluminium Compact Heat Exchangers are primarily used for air to oil and air to air applications.

## REPLACEMENT COMPRESSOR PARTS

### OEM QUALITY REPLACEMENT PARTS



#### GRASSO

RC 11, RC 12, RC 9, K 110, KA 85, AC 70, AC 80, AC 80R

#### SABROE SMC 100 SERIES

SMC 4-100, 6-100, 104 S, 106 S, 112 S, 116 S,  
104 L, 106 L, 108 L, 112L, 116 L, 104 E, 106 E,  
108 E, 112 E, 116 E

#### SMC 65 Series

SMC 2-65, 3-65, 4-65, 6-65, 8-65

#### CMO Series

14, 16, 18, 24, 26, 28

#### Mycom

Mycom A, B, WA, WB Series

#### Bitzer

4G/6G, 2N/4N, 2T/4T, 4H/6H  
Open/Semihermetic, Octagon Series



#### BPCK

F3, F4, F5, FK 14, Fk16

#### Other Models

Gram, Frick, Kirloskar, York, Copeland &  
Other Refrigeration Compressors  
Screw compressor parts in development





## REPLACEMENT COMPRESSOR PARTS



### PART

**Connecting Rods** : Material SG Iron, Forged Steel, Aluminium alloys duly heat treated.

**Cylinder Liner** : Centrifugal Casting, Shell moulded with Internal Honing having prescribed hardness

**Crank Shafts** : Ductile or forged steel perfect grinding and geometry with dynamic balancing

**Oil Pumps** : Perfectly engineering and individually tested for proper working pressure and flow

**Piston Assembly** : Piston, Rings, G.Pin as per OEM standards and metallurgy

**Bearing and Bushes** : Whitemetal, Phosphur Bronze Bushes, Main Bearings CR Bearings in STD and undersize available ex stock

**Valve Plates & Assembly** : Precision engineered unmatched quality & reliability. Internal parts and valve assembly available

**Shaft Seals** : Carbon Type, Metal Bellow, Crane packing design

**Filters** : Oil Filter, Suction filters, Suction and Oil Strainers, Cuno filter and variety for Individual Compressors

**Gasket & O Ring Kits** : O Rings, Packing rings, Sealing Rings in Kits and loose as per kit and part nos of compressors available



## INDUSTRIAL REFRIGERATION VALVES & CONTROLS



### PRODUCTS RANGE

- | Stop Valves
- | Strainers
- | Check Valves (NRV)
- | Quick Drain Valves
- | Glass Valves
- | Reflex Guage
- | Float Control Valve
- | Regulating Valves
- | Constant Float Valve(CFV)
- | Pressure Modulating Valves
- | Over Flow Valves (OFV)
- | Solenoid Valve
- | Safety Valves

**CASTLE**

*Danfoss*

## TEMPERATURE INDICATOR & CONTROLLERS



### AVAILABLE PRODUCTS

- | General Purpose Controllers with power switch
- | Freezer / Cold Room Controllers
- | Chiller Controllers
- | Antifreeze Controllers
- | Controls with alarm output
- | Package AC Controller
- | Two Compressor Controller

## REFRIGERATION PRESSURE GAUGES



### GAUGES FOR SABROE COMPRESSOR

#### SMC 100 Series Gauges (4" Dial)

- a) Suction and Oil Gauge (Differential Gauge)
- b) Discharge Gauge
- c) Duplex Gauge (Discharge Gauge for 2 stage compressor)

#### CMO Series Gauges (3" Dial)

- a) Suction and Oil Gauge (Different Gauge)
- b) Discharge Gauge
- c) Duplex Gauge (Discharge Gauge for 2 stage compressor)

Standard Ranges : 1x12 bar, -1x25 bar

Refrigerant : R717 (Ammonia) or freon R12 / 22 / 134a / 404a

Suction Gauge : 1 to 12 bar Or -1 to 15 bar

Oil Gauge : -1 to 9 bar or 12 bar

Discharge Gauge : 1 to 25 bar or -1 to 30 bar



**Dixell™ ADARSH**





Part of your business

## Edmac Europe

Your supplier for air compressor, filtration and vacuum pump spare parts. Covering all major international manufacture brands in the market, Edmac offers both OEM original and Edmac spare parts.

Let us become part of your business.





## Key Features & Benefits



### Good oxidation stability

*gives our oils excellent viscosity control so that we can guarantee a lower oil consumption*



### Less downtimes

*due to low-oil alarms or failure to start because of the foaming protection our oil provides*



### Improve efficiency

*our high-quality lubricants increase compressor stability, reducing unscheduled stops*



### Fast clear air release

*lowers the risk of cavitation, protecting the bearings with minimal oil residue*



### Enhanced base oil

*with antioxidants, corrosion inhibitors, anti-foam agents, demulsifying agents and additives to equal OEM performance*



### Controlled energy costs

*because our superior performance will extend oil drain intervals and reduce oil consumption*



### Prolong equipment life

*because long-lasting, our non-foaming, quality oil will help combat the effects of high temperatures, moisture and contaminants*

## Naming

### Torque Elect+ 400 ISO 46

Viscosity grade  
(46, 68, 100, 150)

Typical running hours X 10

#### Product classification

**Elect+:** Mineral with high level additives mix

**Excellent:** Synthetic lubricants

**Foodgrade:** NSF certified for food applications

**Oil-free Select:** Gearbox oil for oil-free compressors

**Coolant:** Polyglycol based lubricant

**Gold:** Centrifugal oil

#### Compressor Technology

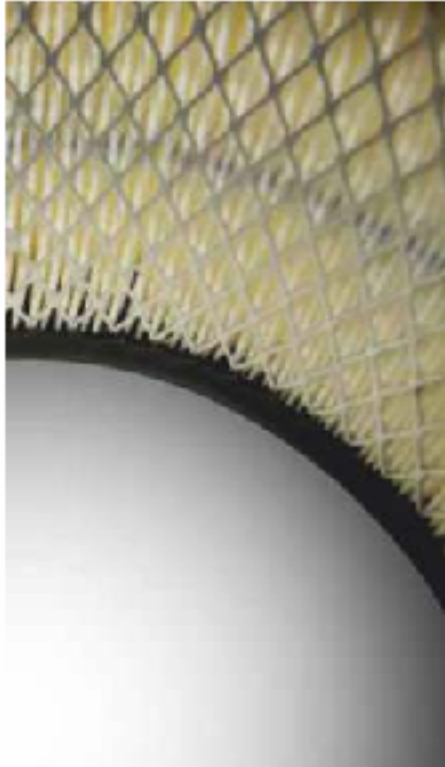
**Torque:** Screw compressor

**Dynamo:** Vane & Piston compressor

**Blade:** Centrifugal compressor







### Whatever you need

- | Consumables
- | Coolers
- | Couplings
- | Valves
- | Service Kits
- | Desiccant
- | Silencers
- | In-Line Filters and Elements
- | Oil



Part of your business

# Compressors - Air Treatment - Vacuum

### Reliable under Pressure

Global Specialist lubrication solution for air compressor, Klüber Summit is having best solution for those compressors running with High Aired Temperature. KLUBER VARNASOLV is the best synthetic Conditioner which can clean up your compressed air system without dismantling anything or without making your air compressor down.



### HOW TO USE THIS VARANSOLV

Note down the full load working temperature of your air compressor

- Remove 10% oil from your existing compressor
- Add same amount of (10%) VARNASOLV in this compressor
- Run Compressor on Load / Unload for at least 75-100 hours, just record the temperature at every 25 hours during this flushing period if possible
- Stop the compressor and let the compressed air blow out from the system, once internal system shows no air just remove that hot oil immediately
- Remove Oil Filter / Separator Element and drain complete oil
- Charge the system with new oil + Oil Filter + Separator Element



## BENEFIT YOUR APPLICATION

**KLÜBER**  
LUBRICATION

- Low maintenance and operating costs due to extended oil change intervals up to 10,000 operating hours in oil-injected screw-type compressors
- Easy compressor oil conversion due to neutral behaviour of oils towards seals
- Low tendency to evaporation and thus low impact of the oil vapour on the compressed air
- Longer service life of the oil filters activated carbon filters and oil separators
- Low formation of oxidation residues in the oil circuit, reduced operating costs due to extended oil filter and separator life





## Benefits of Klüber Summit Compressor Oils



### Main tasks of lubricants in compressor

Reduce friction

Gearbox, bearings, rotors and seals in screw compressor; pistons and crankshaft in reciprocating compressor

Cooling

Cool components which generate heat during running to increase the efficiency

Protection from corrosion

Protect components from corrosion when compressors stand still or are in operation

Sealing

Prevent leakage of air and oil of seals and rotors in screw compressors and piston compressors

### EFFECTS OF OXIDATION IN A ROTARY SCREW AIR COMPRESSOR



Petroleum lubricant used beyond the recommended oil drain interval (ODI)

### DEPOSIT FREE OPERATION



Sullair air compressor after 10.000 hrs. using Klüber Summit SH<sup>®</sup>-46 without an oil change

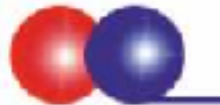
**SOME OF OUR ESTEEM CLIENTS**



Sulphur mills limited



AURANGABAD CARBON PRODUCT PVT LTD  
Gases, Solutions & More...



PUNJAB CARBONIC  
PRIVATE LIMITED



LAXMI ORGANIC INDUSTRIES LTD



Bisleri



B.K. BIRLA GROUP OF COMPANIES



PEARL POLYMERS LIMITED



murugappa  
SOUTHERN ENERGY  
DEVELOPMENT CORPORATION  
LIMITED



RAIN CEMENTS LIMITED



MAHARASHTRA  
SEAMLESS LIMITED

AA Energy Ltd.







## UTILITY ENGINEERS

"Since 1996 Your Trusted Partner in "Utility Air Solutions"

Hitesh Dashi, Founder & CEO

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An ISO 9001:2015 Certified Company  
Since 1996 Your Trusted Partner in "Utility Air Solutions"

\*Vision : To be One of the Leading & Most Recalled Service Providers in Compressed Air Industries in India.