NRS COMPRESSOR™

BUILT TO LAST, BUILT FOR YOU.

COMPRESSED AIR SOLUTIONS.
UNCOMPROMISED PERFORMANCE



- Air Compressor
- Air Treatment Equipments
- Air Piping
- PSA Oxygen-Nitrogen Generator

www.nrscompressor.com

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ABOUT US

At NRS Equipments, we are committed to powering industries with precision, performance, and reliability.
With years of experience in the field of compressed air technology, we specialize in supplying and servicing a wide range of high-quality air compressors and accessories.



- Strategic Locations
- Customer-Centric Approach
- Flexible Solutions
- Experience and Expertise

Exclusive Design

Quickly productivate just in time strategic theme lacus mirina magna

Professional Team

Quickly productivate just in time strategic theme lacus mirina magna

Our Mission

To deliver superior compressed air solutions with unmatched precision, performance, and reliability, ensuring our clients' operations run smoothly and efficiently through innovative products, expert service, and long-term partnerships.

Our Vision

To be the most trusted and preferred partner in compressed air technology, setting industry benchmarks for quality, innovation, and customer satisfaction.



Our Values

- Innovating world-class facilities
- Preserving environmental essence
- Continuously exploring new industry horizons

Why Choose Us?

We take pride in delivering tailored solutions to meet the diverse requirements of our clients across sectors such as manufacturing, automotive, food & beverage, pharmaceuticals, and more. Backed by a team of technical experts, NRS Equipments ensures prompt service, innovative solutions, and unmatched customer support.

- **Exclusive Design**
- **Skilled Team**
- **Affordable Price**

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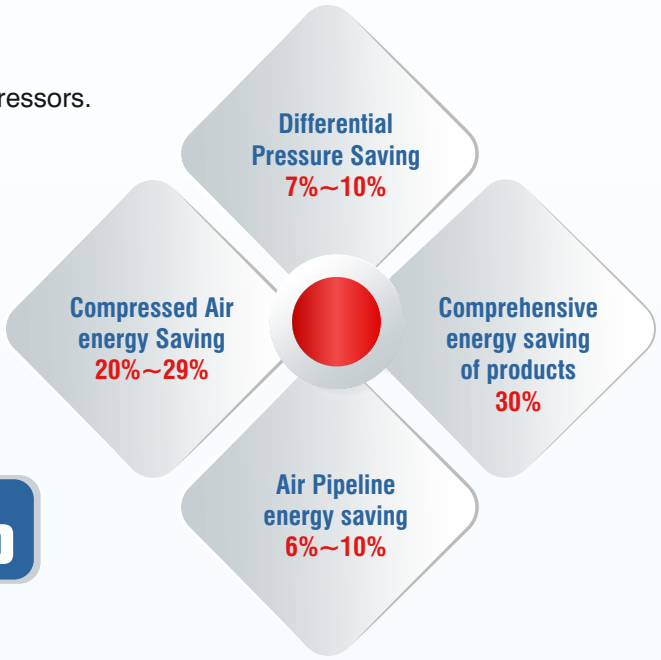
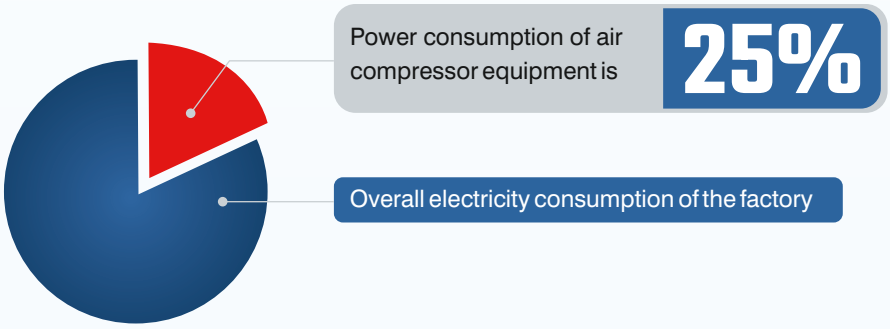
INDUSTRY PAIN POINTS

- If you're still worried about the high electricity bill.
- If you are still thinking about how to reduce life cycle cost of your air compressors.
- If your are still struggling with which air compressors to choose.



Energy Saving More than one area

Generally, air compressor equipment accounts for 25% of the total electricity of the enterprise. Therefore, the selection of energy-saving air compressor will help to reduce operating costs of your compressed air systems.



NRS Compressors Advantages

FOCUS ON THE INDUSTRY AND BE CONSISTENT

NRS Compressors focuses on continuous research and development of high quality products to meet industries requirements & expectation.

ADVANCE TECHNOLOGY AND EXCELLENT QUALITY

NRS Compressors uses state of the art manufacturing technology to ensure energy-saving, better quality, more reliable & durable Products.

SAVE ENERGY CONSUM-PTION, REDUCE COST AND INCREASE EFFICIENCY

Intelligent control system and automatic load / unload adjustment system ensure that the air compressor can be turned on according to demand, run according to requirements and achieve remarkable results in energy saving and cost reduction.

COMPACT STRUCTURE INSTALLATION AT WILL

The product has the advantages of compact structure, small size and low noise, and can be installed in any area of the factory area.

EASY & FAST INSTALLATION

The product leaves the factory full of compressor oil, installed in place to turn on the power supply, and can be put into operation; the LCD screen has its own back light to clearly show the running status of the machine.

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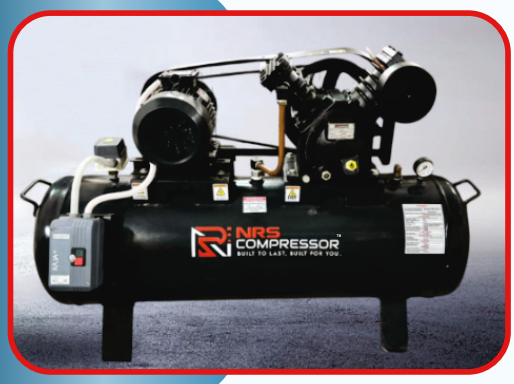
Reciprocating Air Compressors

Features :

- Our reciprocating air compressors are designed for durability, reliability, and high performance in the toughest working conditions.
- Built with precision engineering, they deliver consistent compressed air for a wide range of industrial applications.



Technical Specifications :

Sr. No	Model	Max Pr.- Bar	FAD (CFM)	Tank (LTR)	HP
1	TTR30A-12S-20E	12	8.9	200	3
2	TTR30A-12-20E	12	8.9	200	3
3	TTR50A-12-25E	12	14.8	250	5
4	TTR75A-12-30E	12	19.8	300	7.5
5	TTR75A-12-50E	12	19.8	500	7.5
6	TTR100A-12-50E	12	29.3	500	10
7	TTR150A-12-50E	12	43.6	500	15
8	TTR200A-12-50E	12	56.2	500	20

Low Duty Reciprocating Air Compressors



Technical Specifications :

Sr. No	Model	Max Pr.- Bar	FAD (CFM)	Tank (LTR)	HP
1	NRS750-40L-D	8	4.74	40	1
2	NRS750-30L	8	4.74	30	1
3	NRS750-50L	8	4.74	50	1
4	NRS1100-50L	8	7.06	50	1.5
5	NRS1500-50L	8	8.4	50	2
6	NRS750-3-70L	8	14.3	70	3
7	NRS750-3-90L	8	14.3	90	3
8	NRSV-0.12/8-90L	8	4.3	90	1.5
9	NRSV-0.12/8-120L	8	4.3	120	1.5
10	NRSV-0.17/8-90L	8	6	90	2
11	NRSV-0.17/8-120L	8	6	120	2
12	NRSV-0.17/8-150L	8	6	150	2
13	NRSV-0.25/8-150L	8	8.8	150	3
14	NRSV-0.25/8-180L	8	8.8	180	3
15	NRSV-0.25/12.5-150L	12	8.8	150	3
16	NRSV-0.25/12.5-180L	12	8.8	180	3

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Direct Drive With VFD PM Motor

Features :

Permanent magnet variable frequency screw air compressor

- Compared with ordinary three-phase asynchronous motors, high-efficiency permanent magnet motors can save about 6-7% energy, with integrated shaft structure, compact and stable, and high energy efficiency.
- The drive efficiency of the coupling free device is 100%, the pressure is stable, energy saving and quiet, and the heat dissipation is fast.



- Coaxial integrated structure has no loss, reduces vulnerable parts, 100% rotation rate, direct drive coaxial integrated design, dustproof and soundproof cotton, 65 decibels, protection level IP55, waterproof and dustproof.

Technical Specifications :

Sr. No	Model	Max Pr.- Bar	FAD (CFM)	Tank (LTR)	HP
1	NRS-PMVSC-20	8 ,/10	87/77	NA	20
2	NRS-PMVSC-30	8 ,/10	122/115	NA	30
3	NRS-PMVSC-40	8,/10	179/165	NA	40
4	NRS-PMVSC-50	8 ,/10	226/209	NA	50
5	NRS-PMVSC-60	8 ,/10	249/240	NA	60
6	NRS-PMVSC-75	8 ,/10	347/318	NA	75
7	NRS-PMVSC-100	8 ,/10	475/440	NA	100

Base Mounted Screw Compresses



Technical Specifications :

Sr. No	Model	Max Pr.- Bar	FAD (CFM)	Tank (LTR)	HP
1	NRS-SC-10	8,/10	39/36	NA	10
2	NRS-SC-15	8,/10	62/57	NA	15
3	NRS-SC-20	8,/10	87/77	NA	20
4	NRS-SC-25	8,/10	108/98	NA	25
5	NRS-SC-30	8,/10	122/115	NA	30
6	NRS-SC-40	8,/10	179/165	NA	40
7	NRS-SC-50	8,/10	226/209	NA	50
8	NRS-SC-60	8,/10	249/240	NA	60
9	NRS-SC-75	8,/10	347/318	NA	75
10	NRS-SC-100	8,/10	475/440	NA	100

Features :

- Mute energy-saving.
- Coupling free drive efficiency 100%.
- High efficiency host, stable and durable.
- High efficiency motor, fast heat dissipation
- Intelligent control, real-time control
- Stable air pressure, energy-saving and mute

Most energy-saving air compressor

Quality : fine workmanship quality, cost-effective.

Energy saving : green, efficient and energy-saving, R&D core drive.

Service : service level sales model 4S level service concept.

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Tank Mouted Full Feature

Tank mounted With dryer & Filters - Screw air compresses mounted on tank dryer & Filters

Features :

- An air compressor that never catches fire.
- No manual power connector Integrated sealing and integration of electrical appliances and frequency converters.
- Air compressor that never gets high temperature.



- Fan motor frequency conversion.
- Oil temperature regulation speed, cold and warm self-knowingNo rotating component failure.
- No rotation loss, no bearing damage, permanent magnet integrated, highly integrated motor/host.
- An air compressor that can sense your needs.
- Strong or weak adjustable.

Technical Specifications :

Sr. No	Model	Max Pr.- Bar	FAD (CFM)	Tank (LTR)	HP
1	NRS-FFSC-10	8/10	39/36	300	10
2	NRS-FFSC-15	8/10	62/57	500	15
3	NRS-FFSC-20	8/10	87/77	500	20

Tank Mounted

Tank mounted - Screw air compresses mounted on tank



Technical Specifications :

Sr. No	Model	Max Pr.- Bar	FAD (CFM)	Tank (LTR)	HP
1	NRS-TSC-10	8,/10	39/36	300	10
2	NRS-TSC-15	8,/10	62/57	500	15
3	NRS-TSC-20	8,/10	87/77	500	20

High Pressure 16 Bar

Influence of compressed air quality on laser cutting quality

The compressed air contains water mist and oil. If it is not cleaned, the high-pressure jet will be sprayed onto the protective mirror surface of the laser cutting head, which will seriously affect the transmission of the laser beam, and the focus will be scattered, leading to incomplete product cutting and waste products.



Technical Specifications :

Sr. No	Model	Max Pr.- Bar	FAD (CFM)	Tank (LTR)	HP
1	NRS-HPSC-20	16	51	NA	20
2	NRS-HPSC-30	16	72	NA	30
3	NRS-HPSC-40	16	96	NA	40

Features :

1. One screen double control, dryer/air compressor

Real-time monitoring of air quality, Internal and external double pressure display, cold coal gas pressure.

2. Three (Clean, Strength, Quiet) in one

3. Little fool type air compressor

Without any maintenance technology; The floor space is extremely small.

The appearance and structure are extremely beautiful; Power - ready, without any installation.

Air Dryer

Refrigerated air dryers work by lowering the air temperature to around 3°C or 35°F. When the air reaches this temperature (the dew point), the moisture in the air condenses and is then removed through drainage.



Technical Specifications :

Sr. No	Model	Max Pr.- Bar	FAD (CFM)
1	NRS-RD-002	12	20
2	NRS-RD-004	12	40
3	NRS-RD-006	12	60
4	NRS-RD-008	12	80
5	NRS-RD-010	12	100
6	NRS-RD-012	12	125
7	NRS-RD-015	12	150
8	NRS-RD-020	12	200
9	NRS-RD-025	12	250
10	NRS-RD-030	12	300
11	NRS-RD-035	12	350
12	NRS-RD-040	12	400
13	NRS-RD-050	12	500
14	NRS-RD-060	12	600
15	NRS-RD-070	12	700
16	NRS-RD-075	12	750
17	NRS-RD-080	12	800
18	NRS-RD-090	12	900

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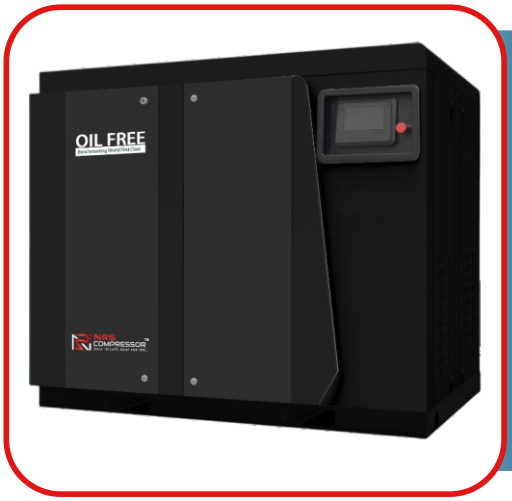
Oil-free Water Lubricated Screw Air Compressor



Performance Advantages

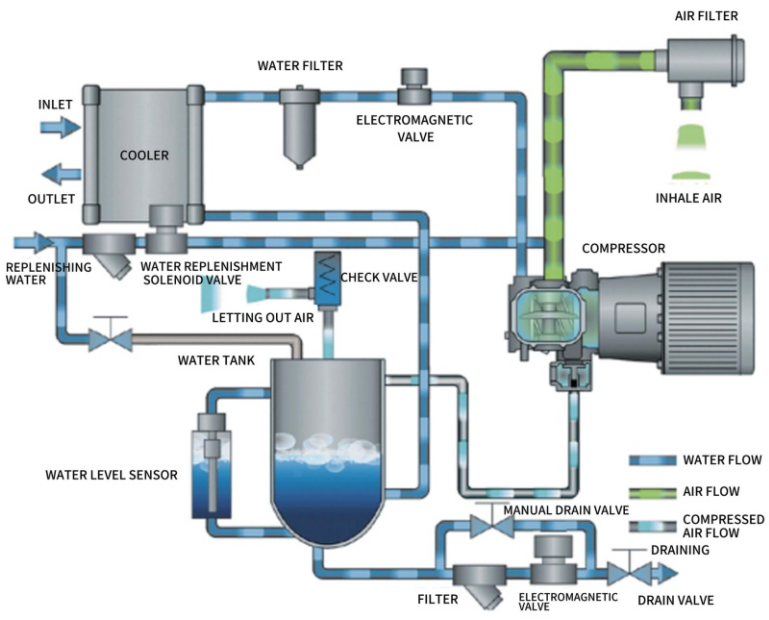
20% Energy Saving

- **Energy Saving:**
  More than 20% energy saving compared with dry oil-free machine.

100% Oil-Free

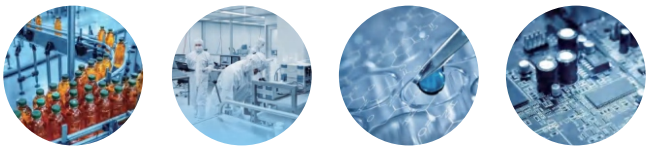
- **Environmental Protection:**
  100% oil-free, with water as the lubricating medium to avoid environmental pollution.

As the purified water participates in the sealing, cooling and lubrication in the compression process, the efficiency is greatly improved. The gas production at the same specific power is more than 20% higher than that of the dry oil-free machine, which greatly reduces the energy consumption. Oil free compressed air, pure compressed air, and compression system without pollution risk; The oil-free screw compressor uses pure water as the lubricating medium, and the host part has no lubricating oil at all. Because of the cleaning effect of pure water on the air, the compressed air produced is absolutely pure and free of any pollution.



Application

Food, Purification, Pharmaceutical cotton spinning, High precision electronics.



Product Details


Stainless Steel Host


Stainless Steel Water-Air Separator


Copper Tube Cooling System


Frequency Conversion Control System

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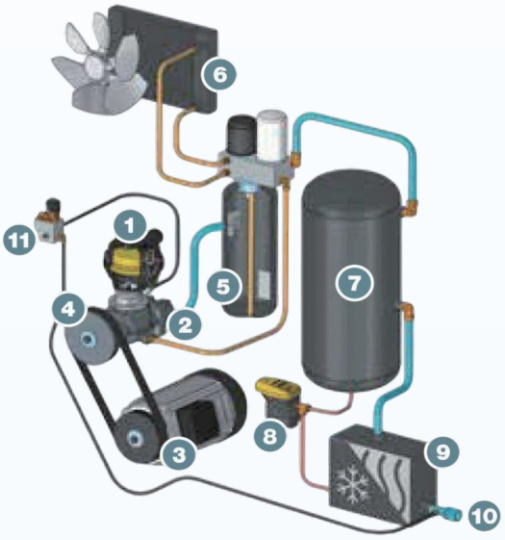
Portable Compact Air Compressor

Versatile and Compact

KC series models measure only 68cm wide and have a compact footprint of only 1.26 square metres.



How It Works



1. Air filter
2. Aired
3. IE3 drive motor
4. Automatic belt tensioning
5. Fluid separator tank
6. Cooler
7. Air receiver
8. ECO-DRAIN condensate drain
9. Refrigeration dryer
10. Compressed air outlet
11. Regulating valve

Mobile Screw Air Compressor



Using diesel engine as power to ensure high reliability of power operation long life and best fuel economy, suitable for harsh workingenvironments in the wild.
The main engine is efficient and energy-saving, stable and reliable, asy to operate, and the operation is clear at a glance.
Reasonable matching design of fan and cooler ensures the normal operation of the machine.

- Using steeples air intake control to make the whole machine highly efficient and energy-saving.
- Using high-efficiency four-stage motor, longer life and more reliable.
- Reasonable chassis design makes the fuselage stronger and more stable.

Application

NRS diesel engine has sufficient gas volume and stable pressure to meet the needs of engineering mine tunnels







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Our Gallery



Reciprocating Air Compressors



Low Duty Reciprocating Air Compressors


2 Stage Screw Air Compresses


Base Mounted


Tank Mounted


Trolley Mounted Screw Air Compresses


Tank Mouted Full Feature


Direct Drive With VFD PM Motor



Oil Free Screw Air Compresses



High Pressure 16 Bar



Air Dryer


Internal Image

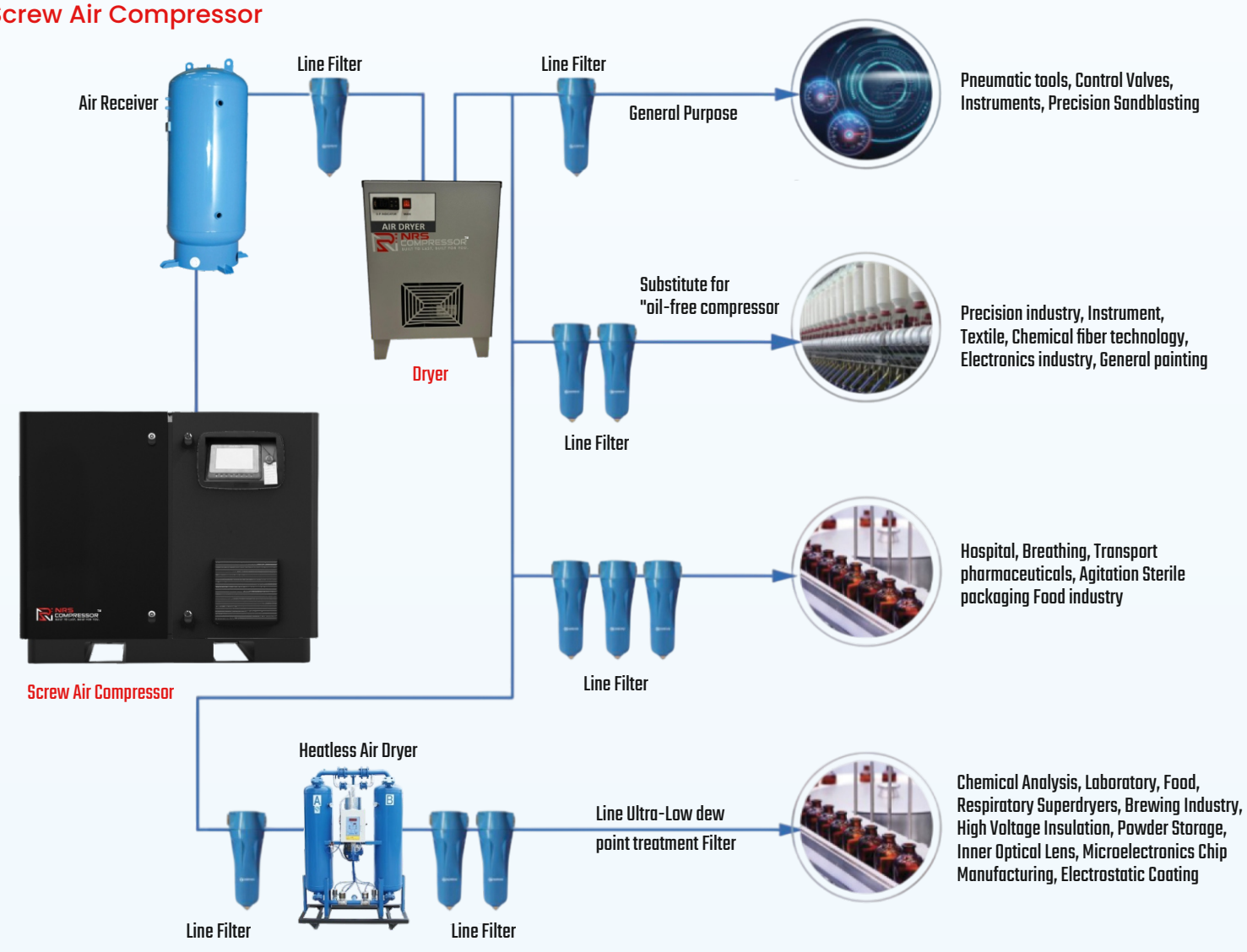
GENUINE PARTS & SERVICES

NRS Compressors Genuine spare parts & Authorised services are offered to ensure uninterrupted & healthy performance of the equipment. Usage of non genuine spare parts also ensure unexpected break-down resulting in production loss. We offer various plans of service to meet with customer requirement & expectations.



AIR COMPRESSOR PURIFICATION SYSTEM

Screw Air Compressor



INDUSTRIES SEGMENTS

- Machine Tools Industry
- Solvent Plants, Flour Mills, Food Processing, Dairy & Cattle Feed Industry
- Material Handling Industry
- Sugar, Distillery, Paper & Particle Board Industry
- Chemical & Pharmaceutical Industry
- Steel, Forging, Cement, Crsher & Mining Industry

Applications & Range Of product offering

Oil Free Air Compressors

- Pharmaceutical Industry
- Food and Beverage Processing
- Medical Environments
- Electronics Manufacturing

Oil Free Dental Air Compressors

- Dental Procedures
- Orthodontics
- Surgical Environments
- Patient Comfort

Screw Air Compressors

- Automotive Industry
- Textile Manufacturing
- Construction Sites
- Industrial Applications

VFD & PM Motor Screw Air Compressors

- Manufacturing Excellence
- Energy-Conscious Operations
- Automated Processes
- Facility Optimization

Single Stage Air Compressors

- Automotive Workshops
- Construction Sites
- Small-Scale Manufacturing
- Home Workshops
- Industrial Manufacturing
- Automotive Assembly
- Woodworking Operations
- Textile and Fabrication

Multi Stage Air Compressors

- Petrochemical Industry
- Aerospace Manufacturing
- Chemical Processing
- Power Generation

Manufacturing Plants

- Automotive Workshops
- Automotive Maintenance
- General Industrial Use
- Woodworking Workshops

Special Purpose Customize Air Compressors

- Critical Industrial Processes
- Specialized Manufacturing
- Research and Development
- Technology Integration

OUR CLIENTS

Delkart® | DACCESS Security solutions | PRG | SHIVAM InfraCon Projects | SPL INFUSION

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