



AIR CENTER[®]

COMPRESSOR

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COMPRESSOR

ATLAS COPCO

IngerSoll Rand - Kaeser

Private Service

Original and OEM Spare Part

Oil-injected screw, Oil-free screw and Turbo compressors

DALGAKIRAN®

kompresör

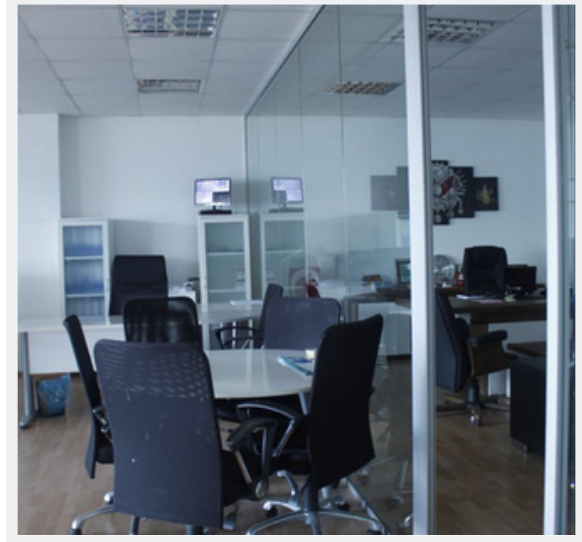
TÜRKİYE'DE İLK

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GARANTİ

Yetkili Servis

Centre



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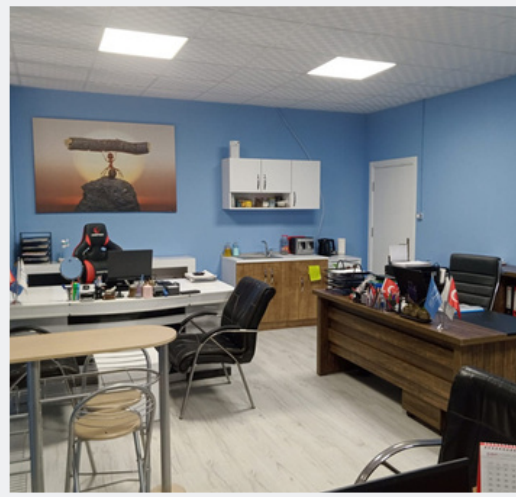
DALGA KIRAN®

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Yetkili Servis

Branch



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ABOUT US

Air Center Compressor San. ve Tic. A.Ş. is a domestic and international business established in 2012 under the leadership of Yusuf YILDIRIM, who had 25 years of experience in the manufacturing and service department of Atlas Copco. Yusuf YILDIRIM, the owner of the business, began his career in 1982 at Atlas Copco, where he worked in manufacturing for 9 years before transitioning to the service department in 1991. With extensive expertise in oil and oil-free compressors, Yusuf YILDIRIM left Atlas Copco in 2007. He subsequently worked at Yıldırım Soğutma A.Ş. for 5 years before co- founding Air Center Compressor San. ve Tic. A.Ş. in 2012. In 2016, he acquired all the shares of Air Center Compressor, becoming the sole partner and bringing 27 years of experience to the compressor industry. Air Center Compressor San. ve Tic. A.Ş. provides periodic maintenance and servicing, spare parts supply, as well as compressor sales and rental services for both domestic and foreign brand compressors to its valued customers. Having demonstrated leadership in the sector, our company aims for continuous expansion, leveraging the expertise of our experienced staff. We aspire to extend our presence to cover countries in the nearby region.



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OUR MISSION

Our mission is to enhance our products through the utilization of technological advancements, ensuring they meet customer expectations. We aim to become a brand known for providing technical services that adhere to international standards. By meticulously following technical documentation both before and after sales, we strive to deliver trouble-free service to our customers. Our goal is to uphold the principles of quality products and quality staff, while continually seeking improvement and development.





OUR PRODUCTS

OUR SERVICES

COMPRESSOR

SPARE PART

- separator
- Air filter
- Compressor Oils
- valve groups
- Sensors (Temperature/Pressure)

LINE FILTERS

- Pressure indicator
- Filter Internal Elements
- Automatic Water Drains

DRYERS

- Compressed Air Dryers
- Gas Dryers
- Chemical Dryers

SECOND HAND SALES & RENTAL

COMPRESSOR MAINTENANCE

ENGINEERING SERVICES

- Flow Measurement
- Air Leak Detections
- Energy Measurement
- Inverter Maintenance

SERVICE & MAINTENANCE

PROJECT

- Compressed Air Installation
- Plumbing
- Fire Installation
- Compressor Rooms Arrangement

UNEXPECTED FAILURE

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Screw Compressor

Screw air compressors are designed to serve their customers without any problems for many years. The manufacturing and assembly of each part of these compressors, for which state-of-the-art engineering software is used in their design and analysis, is carried out within the framework of international quality standards.



Tank top compact model, Screw Compressor

TIDY series screw air compressors have engine powers between 2.2 kW and 15kW and can deliver a flow rate of 250 Lt/min. Air tank, dryer and line filters are compact models integrated into the compressor.



Piston Compressor

It promises its customers trouble-free and high-performance operation in all types of applications with its single and double-stage piston air compressors. Cast iron crankcase and cylinders, pistons operated at low speed, corrosion and heat resistant stainless steel valves, cylinders and top heads with cooling fins ensure long life of piston air compressors.



Diesel, Portable Compressor

With their high flow capacities, PORTAIR series portable compressors PA34 and PA50 allow the connection and operation of two pneumatic breakers, PA64 three, and PA 100 four pneumatic breakers simultaneously.



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Gas Cooled Dryer

3°C pressurized dew point. Very low pressure losses. Design suitable for tropical climate conditions. Ability to operate at nominal capacities at maximum 60°C inlet temperature and 55°C ambient temperatures, thanks to R-134a refrigerant and large designed condenser. Compact design. Standard digital controller that offers energy saving features and can provide warning and fault notifications. Aluminum plate heat exchanger in cylindrical form



Chemical Dryer

High quality compressed air supply to wherever needed -40 °C to -70 °C pressurized dew points offering flow from 5m³/hour to 400m³/hour Possibility of use in critical applications (paint shop, pharmaceutical industry, laser cutting, food industry, etc.) Compact Design Modular design Easy to use with simple PLC unit Easy to mount on the floor, countertop and wall Rust-resistant aluminum structure



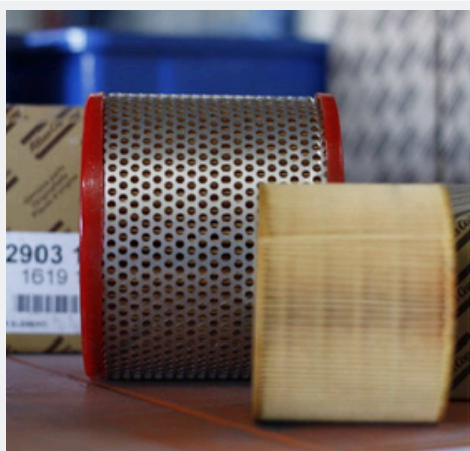
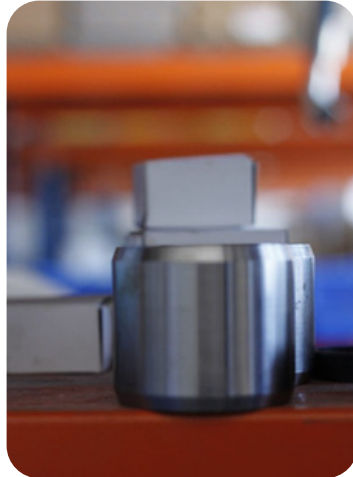
Adsorption Compressed Air Dryers

- DryAir series Adsorption dryers provide a constant -40°C pressurized dew point.
- The DryAir series is designed to provide clean and extremely dry compressed air in critical applications.
- Dew point monitoring and control
- Computer controlled structure
- Showing operating status, alarm and pressure information
- Remote start and stop function
- Low pressure alarm system with minimum pressure valve
- High pressure switch and alarms
- Ability to operate as a combined heat or heatless dryer offered with one unit
- The highly reliable designed electronic controller guarantees perfect operation of the dryer throughout its entire service life.



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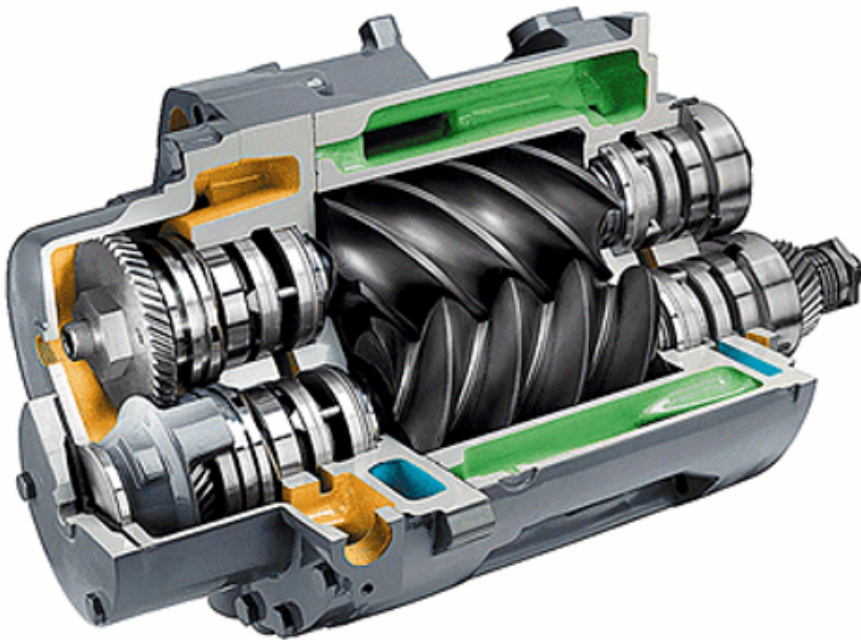
We offer round-the-clock rapid service, maintenance, and repair assistance for all brands with our skilled service team.

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Turbo compressor rotor



Oil-free screw compressor Component

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C O M P R E S S O R

The Importance of Periodic Maintenance in Compressors

Air Filter

Air enters the compressor by passing through the air filter. A dirty and clogged air filter can cause the compressor to draw high current.

Suction Valve

The suction valve allows air to enter the element. A malfunction in this valve can lead to load/idle problems or oil entering the air filter.

Oil Separator

The compressed air/oil mixture in the screw group goes to the separator tank. Here, oil is separated from the air. If the separator fails to perform its function, the compressor draws high current or oil enters the system.

Minimum Pressure Valve

When there is sufficient pressure in the separator tank, the minimum pressure valve opens and allows pressurized air to enter the system.

Oil Stop Valve

The oil circulating in the system returns to the screw group by passing through the oil stop valve. While the compressor releases internal pressure, the oil stop valve prevents oil from returning to the air filter. If this valve malfunctions, the element may be left without oil.

Oil Filter

It performs the function of cleaning the oil circulating in the compressor from harmful particles. If the oil filter is clogged or unable to perform its function, it can significantly increase the operating temperature of the compressor or cause harmful particles to damage the screw group.

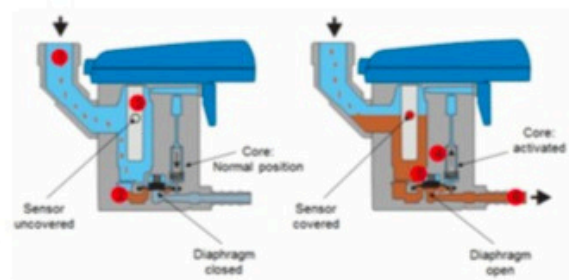


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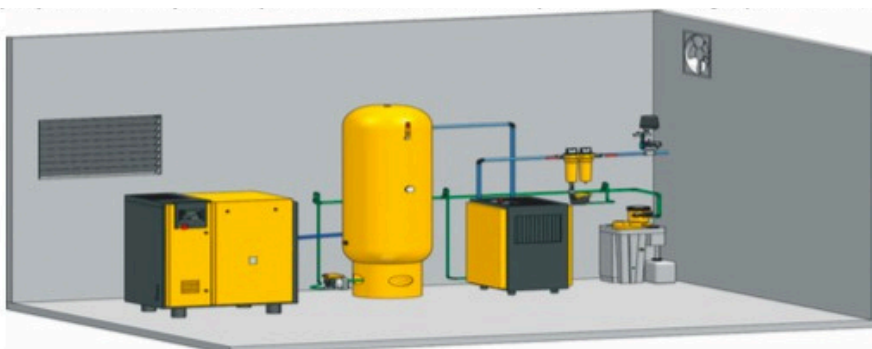
Automatic Drain Device (EWD)

- Absolute solution to water problems
- Automatic water drainage without air loss
- Usability in air installations, air tanks, compressors, dryers
- Low cost, high efficiency
- Capacitive sensor technology, not time or float-adjusted
- Easy installation
- Filtering dirt accumulated under air installations or air tanks (integrated dirt trap - capacity options from 2.5 m³/min to 1400 m³/min)
- Absolute solution in sectors such as food, chemical, pharmaceutical, automotive, etc.



Compressed Air Piping Design

- Design of compressed air piping system
- Implementation of the most efficient method, which is the ring system
- Galvanized and plastic piping systems
- You can achieve energy savings with a correctly designed compressed air piping system.
- Compressor Room Design



Compressor Room Design

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REFERENCES

- PERFETTİ VAN MELLE
- ABB ELEKTRİK(Tüm Tesisleri)
- ADANA ÇİMENTO
- ADOÇİM
- ANADOLU İPLİK
- A RAYMOND
- ARÇELİK-BEKO
- ASİSTAL ALİMÜNYUM
- ASSAN HANIL
- AUTOLİV
- AYGAZ
- AYDIN END.
- AYCAN TEKSTİL
- KURUKAHVECİ MEHMET EFENDİ
- BAYDEMİRLER TEKSTİL
- BEKAERT ÇELİK KORD
- BEST TRANSFORMER
- BOLÇİ ÇİKOLATA
- BOLU ÇİMENTO
- DURAK FINDIK
- EMİN TARIM
- FERSAN TEKSTİL
- FIRAT BORU PLASTİK
- FİLİDEA TEKSTİL
- HİDROJEN PROKSİT
- HONDA
- PULVER KİMYA
- FARBA OTO.
- ARKOZ MADENCİLİK (AĞRI)
- MSC COLOR
- TOGG
- HOWON OTOMOTİV
- ISUZU TÜRKİYE
- İPRAGAZ(Tüm Türkiye Tesisleri -37 Tesis)
- KLÖCKNAR PENTAPLAST
- KOLSAN KOCAELİ LASTİK
- MİLANGAZ (Tüm Türkiye Tesisleri)
- MOB MOBİLYA
- NOVARTİS İLAÇ (Sandoz)
- OYKA KAĞIT (Oyak Grubu)
- PEHLİVANOĞLU KAĞIT
- PİMSA OTOMOTİV
- PROYEM (Tüm Türkiye Tesisleri)
- SANOVEL İLAÇ
- SARITAŞ ÇELİK
- SERENOVA SERAMİK
- SERANİT SERAMİK
- SEZGİNLER BOYA
- SİEMENS
- TEZCAN GALVANİZ
- TRAKYA KALE GRUBU
- TOYOTA-BOSHOKU
- TÜBAŞ TEKSTİL
- YAZAKİ OTOMOTİV
- YURTBAY SERAMİK
- KALE GRUBU
- AKIM METAL
- OBA MAKARNA
- CANAN KOZMETİK (LOREAL PARİS)

AIR CENTER®

C O M P R E S S O R

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