

“Maximum performance in tough conditions”



**SCREW AIR
COMPRESSORS**

AYKOM COMPRESSOR

AYKOM COMPRESSOR

AYKOM COMPRESSOR is a brand of **AYDIN TRAF0**.

AYDIN TRAF0 was established in 1960 by manufacturing welding machines. We continued to grow with the production of air piston compressors in 1977, air screw compressors in 1998 and high pressure washers in 2004.

Today, our production is made in our plant located in Izmir Kemalpaşa Organized Industrial Zone on over 7.500 sqm closed 10.000 sqm open area and our plant's annual production capacity is 24.000 machines. We are in the construction process to open our new production facility which has 12.500 sqm closed area in Torbalı/Izmir by the second half of 2023.

Having been continuing its investments and adopting a management concept, Aykom realized steady growth since the day it was founded. AYKOM COMPRESSOR completed its branding process and became a reliable brand in the market.

As a result of successfully organized future plans, our company has the largest dealer and service network in domestic market and Aykom Compressor is represented in all continents in more than 25 countries with its dealer and service networks.

AYKOM COMPRESSOR was certified to DIN EN ISO 9001-2008 Quality Management System by TÜV Rheinland Germany in 2000 and CE attestation in 2004 by one of the leading notified body Bureau Veritas France. Furthermore we have GOST-R certificate for Russia.

With our customer-oriented management strategies and worldwide aftersales service points in global market, we provide maximum customer satisfaction by instant and rapid solutions.



As a leader of its sector, ALKIN COMPRESSOR was incorporated by AYDIN TRAF0 in 2012 and consolidated its place in compressor sector.

ALKIN COMPRESSOR is the first breathing and the only air high pressure compressor manufacturer in Turkey, always aims to provide innovations, high quality products and services. Consequently, it takes joining every Project as a duty.

We are always glad to serve our customers with our customer-oriented management policy and proven quality, technical knowledge and experiences in local and foreign markets.

ALKIN COMPRESSOR offers Breathing Air compressors which comply with EN 12021 air quality standards in local and foreign markets.

Alkin was established by Erol Çiprut at 1990. Our plant is located in Menderes/Izmir on 3.500 sqm closed and total 16.500 sqm area.

Today ALKIN COMPRESSOR who appeals to different sectors with its products, rapid and quality service, well-known brand, is one of the leading compressor manufacturer in Turkey and World.

Besides our local sales, we mainly export our products to countries like USA, Canada, France, Korea, Russia, Indonesia, Australia, UAE, Iran, Finland and Sweden.

Our aim is to meet our valued customer's high pressure air needs by following the developments and innovations all over the World.

We as, AYKOM COMPRESSOR and ALKIN COMPRESSOR, would be glad to serve our customers with our customer-oriented management policy and proven quality, technical knowledge and experiences in local and foreign markets.

AYKOM COMPRESSOR



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BELT DRIVEN SCREW AIR COMPRESSOR



Control Panel Specifications

- Modbus server (RS 485)
- Two programmable relay outlet
- Operating motor with Star Delta or inverter
- Error control
- 2" graphic LCD
- 5 language options
- 4 different maintenance time
- Total, on-load working time
- Easy to use and adjust
- Compatible with multiple compressor control unit
- Designed and manufactured according to the CE standards



Special Designed Canopy

Special designed canopy provides the maximum heat flow inside the air intake and outlet panels.

Sound Insulation

Special insulation sponges which are also fire-proof are used in our compressors in order to insulate the environment from the noise.

Dip Type Separator

Between our ATV-30 / ATV- 75 models, dip type separators are used. Dip type separators separate oil from the air in a perfect level by their wide surface.

Special Tensioning System

In our all belt driven models, transmission loss decreased to minimum and easy adjustments provided by the special tensioning system which was developed by our R&D team engineers.

Poly-V Belt System

Poly-V belts are used in our all models. Grooves on the puley side of the poly-V belt and the grooves on the pulley fits together and increase friction connection and minimise friction loss.

Separator Tank

Special designed impact wings and partial construction features which are inside the separator tanks designed by our engineers, the fuction of separator filter is reduced. Our tanks are manufactured in AYKOM COMPRESSOR plant and comply with CE standards.

Wide Radiator Surface

We select the suitable radiators which can operate in every temperature for our compressors. We keep the inside air temperature in optimum level by the fans with high capacity and provide long operation life of compressors.

TECHNICAL SPECIFICATIONS

MODEL	CAPACITY (m ³ /min)			MOTOR POWER (kW / hp)	VOLTAGE PHASE (volt)	AIR DISCH. DIA. (Ø")	DIMENSIONS W x L x H (mm)
	7 Bar	10 Bar	13 Bar				
ATV-3	0,44	0,35	0,25	3/4	400/3	1/2"	603x747x705
ATV-4	0,61	0,46	0,39	4/5,5	400/3	1/2"	603x747x705
ATV-5,5	0,93	0,68	0,55	5,5/7,5	400/3	3/4"	643x817x865
ATV-7,5	1,18	0,96	0,80	7,5/10	400/3	3/4"	643x817x865
ATV-11	1,76	1,45	1,20	11/15	400/3	3/4"	643x817x865
ATV-15	2,05	1,71	1,44	15/20	400/3	3/4"	643x817x865
ATV-15+	2,39	1,99	1,66	15/20	400/3	1"	820x1170x1043
ATV-18,5	2,92	2,46	2,08	18,5/25	400/3	1"	820x1170x1043
ATV-22	3,42	2,91	2,49	22/30	400/3	1"	820x1170x1043
ATV-30	5,29	4,33	3,65	30/40	400/3	1 1/4"	892x1538x1562
ATV-37	5,77	4,83	4,10	37/50	400/3	1 1/2"	892x1538x1700
ATV-45	6,86	5,82	5,00	45/60	400/3	1 1/2"	892x1538x1700
ATV-55	9,35	7,65	6,48	55/75	400/3	2"	1165x1882x1790
ATV-75	12,63	10,41	8,82	75/100	400/3	2"	1165x1882x1790

The units are measured according to the ambient inlet standart conditions ISO 1217 1 bar abs and 20°C

DIRECT COUPLED SCREW AIR COMPRESSOR

DIRECT COUPLED

Direct coupled series compressors eliminate the disadvantages of the compressors which are operating with belt/pulley system. Minimum transmission loss: Contrary to the conventional type connections, electric motor and screw block is connected to each other directly in coupled series. In coupled compressor interconnected with direct (1:1) drive, transmission loss arising from the power transmission is reduced to zero.

Minimum Failure and Service Cost

Since no interconnection is used for power transmission, it comprises less components. Moreover, our low-speed and high air efficiency provider compressors are exposed to less friction and service life of internal elements such as screw block and bearing increase 3-4 times and service & failure costs are minimised.

Minimum Speed – Maximum Efficiency

Screw block which is creating compressed air has the most important part in long service life and efficiency of a screw air compressor. If the screw block provides the required efficiency at the as lowest speed as possible, it will be exposed to less friction and all parts of screw block, both screw and screw bearings, will continue to operate without any performance loss.



ENERGY EFFICIENT AIR COMPRESSORS



DIRECT COUPLED SCREW AIR COMPRESSOR



Control Panel Specifications

- Modbus server (RS 485)
- Two programmable relay outlet
- Operating motor with Star Delta or inverter
- Error control
- 4" graphic LCD
- 20 language options
- Weekly pressure calendar
- Real time clock
- 6 different maintenance time
- Total, idle and on-load working time
- Easy to use and adjust
- Compatible with multiple compressor control unit
- Designed and manufactured according to the CE standards



TECHNICAL SPECIFICATIONS

MODEL	CAPACITY (m ³ /min)			MOTOR POWER (kW / hp)	VOLTAGE PHASE (volt)	AIR DISCH. DIA. (Ø")	DIMENSIONS W x L x H (mm)
	7 Bar	10 Bar	13 Bar				
ATV 5,5 D	0,9	0,66	0,41	5,5	400/3	3/4"	650 x 920 x 900
ATV 7,5 D	0,8	0,88	0,73	7,5	400/3	3/4"	650 x 920 x 900
ATV 11 D	1,88	1,5	0,87	11	400/3	3/4"	820 x 1170 x 1046
ATV 15 D	2,67	1,86	1,84	15	400/3	1"	810 x 1920 x 1368
ATV 18,5 D	2,92	2,61	2,05	18,5	400/3	1"	810 x 1290 x 1368
ATV-22 D	4,07	2,87	2,57	22/30	400/3	1 1/4"	850x1390x1560
ATV-30 D	4,74	3,97	3,91	30/40	400/3	1 1/2"	850x1390x1560
ATV-37 D	6,22	4,68	4,63	37/50	400/3	1 1/2"	1150x1900x1535
ATV-45 D	7,31	6,12	4,68	45/60	400/3	1 1/2"	1150x1900x1535
ATV-55 D	10,52	7,16	6,99	55/75	400/3	2"	1150x2000x1535
ATV-75 D	12,49	10,32	8,64	75/100	400/3	2"	1150x2000x1535
ATV-90 D	15,87	12,3	10,14	90/125	400/3	2"	1500x2650x2235
ATV-110 D	18,96	15,68	12,08	110/150	400/3	2"	1500x2650x2235
ATV-132 D	21,50	18,91	15,66	132/180	400/3	2"	1500x2650x2235
ATV-160 D	24,18	21,13	20,53	160/220	400/3	2 1/2"	1740x3000x2555
ATV-200 D	33,78	29,93	23,52	200/270	400/3	2 1/2"	1740x3000x2555
ATV-250 D	41,2	33,11	30,34	250/340	400/3	3"	1920x3400x2640
ATV-315 D	51	41	39,00	315/420	400/3	4"	1920x3400x2640

The units are measured according to the ambient inlet standart conditions ISO 1217 1 bar abs and 20°C

VS SCREW AIR COMPRESSORS

On VS compressors electric motor runs at optimum rpm in order to meet the plant's instant air need so energy saving and target fixed air outlet pressure will be obtained.

Direct Coupled VS Air Screw Compressors

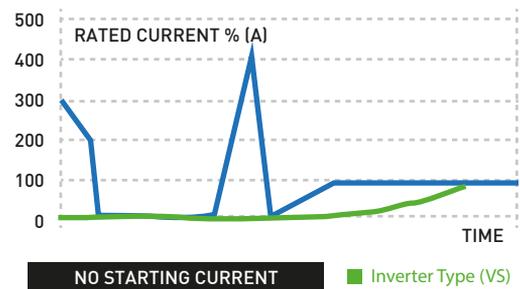
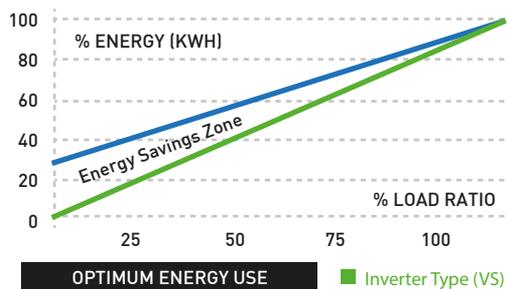
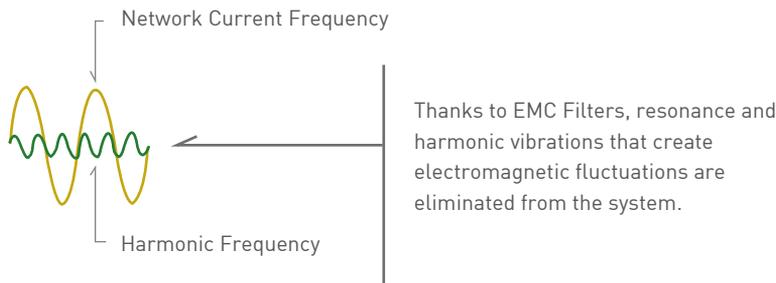
Inverter (VS – Variable Speed) compressors; provides 35% energy efficiency to the plants which have variable air capacities and increase the operating life of compressors.

Soft Start and Long Life

Excessive current drawn during the start-up of the electrical motor (starting current) and mechanical loads are eliminated due to the soft start and stop features of the inverter. As a result, operating life of the compressor increases and maintenance costs decrease.

Economical Run and Constant Output Pressure

Standard air screw compressors switch to idle when targeted pressure is achieved and switch to load when the specific low pressure is reached. When compressor switches to idle, the electric motor keeps working at its constant speed and does not produce compressed air. Thus the compressor consumes 30% power of its load run. Moreover, in standard screw compressors, mechanical load variations occur during the shifts between load and idle, and this causes the compressor equipments to fatigue and compressor construction to wear down in the long-term run.



Low Reactive Power Consume

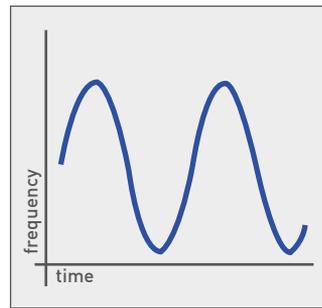
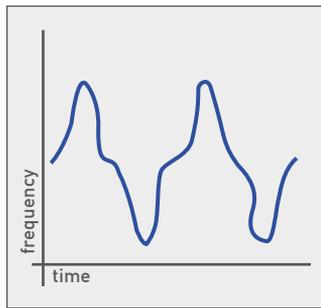
In inverter type compressors, the reactive power which has to be compensated is eliminated. The costs paid for the reactive power are reduced.

Constant Oil Temperature

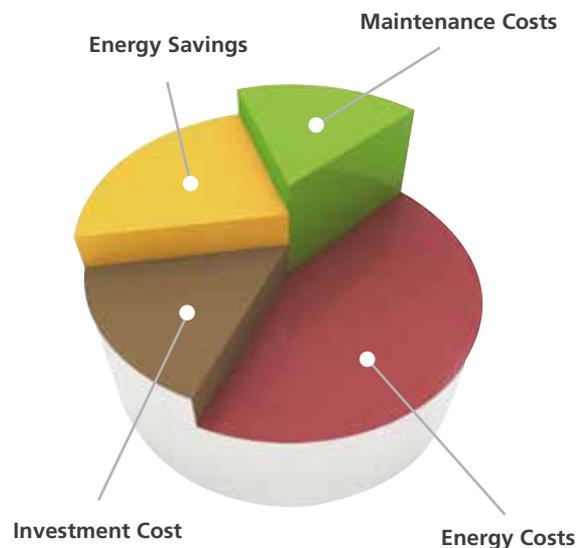
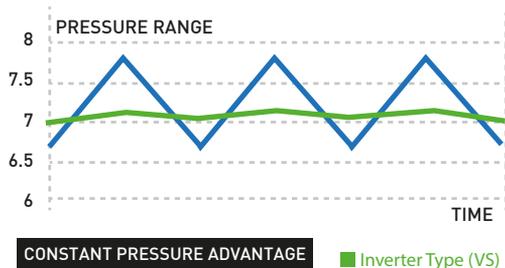
Contrariwise the standard screw compressors, oil is not exposed to sudden heating and cooling regarding to the operations between low and high pressures. This decreases the thermal dilation loads for compressor circuit elements and especially bearings.

Harmonic Filter and Choke Coil Usage

A harmonic filter and a choke coil are used in inverter compressor systems and this protects both the inverter itself and the electric motor against the possible harmonics and valtage unbalances.



VS SERIES







DIRECT COUPLED VS SCREW AIR COMPRESSORS

TECHNICAL SPECIFICATIONS

MODEL	CAPACITY (m ³ /min)			MOTOR POWER (kW / hp)	VOLTAGE PHASE (volt)	AIR DISCH. DIA. (Ø")	DIMENSIONS W x L x H (mm)
	7 Bar	10 Bar	13 Bar				
ATV-5,5 D VS	0,89	0,68	0,55	5,5 / 7,5	400/3	3/4"	650 x 920 x 900
ATV-7,5 D VS	1,33	0,97	0,76	7,5 / 10	400/3	3/4"	650 x 920 x 900
ATV-11 D VS	1,70	1,44	1,23	11 / 15	400/3	3/4"	820 x 1170 x 1046
ATV-15 D VS	2,63	2,1	1,61	15 / 20	400/3	1"	810 x 1290 x 1368
ATV-18 D VS	3,31	2,61	2,21	18,5 / 25	400/3	1"	810 x 1290 x 1368
ATV-22 D VS	3,92	3,14	2,63	22/30	400/3	1 1/4"	850x1390x1560
ATV-30 D VS	5,37	4,37	3,52	30/40	400/3	1 1/2"	850x1390x1560
ATV-37 D VS	6,35	5,37	4,53	37/50	400/3	1 1/2"	1150x1900x1535
ATV-45 D VS	7,36	6,35	5,36	45/60	400/3	1 1/2"	1150x1900x1535
ATV-55 D VS	9,19	7,74	6,47	55/75	400/3	2"	1150X2000X1535
ATV-75 D VS	12,56	10,32	8,76	75/100	400/3	2"	1150X2000X1535
ATV-90 D VS	15,60	12,92	10,49	90/125	400/3	2"	1500x2650x2235
ATV-110 D VS	17,73	15,65	12,68	110/150	400/3	2"	1500x2650x2235
ATV-132 D VS	23,43	17,80	15,19	132/180	400/3	2"	1500x2650x2235
ATV-160 D VS	26,13	23,32	19,66	160/220	400/3	2 1/2"	1740x3000x2555
ATV-200 D VS	35,00	27,53	24,07	200/270	400/3	2 1/2"	1740x3000x2555
ATV-250 D VS	41,46	35,10	30,45	250/340	400/3	3"	1920x3400x2640
ATV-315 D VS	48,07	43,39	37,03	315/420	400/3	4"	1920x3400x2640

The units are measured according to the ambient inlet standart conditions ISO 1217 1 bar abs and 20°C

BELT DRIVEN VS SCREW AIR COMPRESSORS

TECHNICAL SPECIFICATIONS

MODEL	CAPACITY (m ³ /min)			MOTOR POWER (kW / hp)	VOLTAGE PHASE (volt)	AIR DISCH. DIA. (Ø")	DIMENSIONS W x L x H (mm)
	7 Bar	10 Bar	13 Bar				
ATV 3 VS	0,44	0,35	0,25	3 / 4	400/3	1/2"	603 x 747 x 705
ATV 4 VS	0,61	0,46	0,39	4 / 5,5	400/3	1/2"	603 x 747 x 705
ATV-5.5 VS	0,93	0,68	0,55	5.5/7.5	400/3	3/4"	643 x 817 x 865
ATV-7.5 VS	1,18	0,96	0,80	7.5/10	400/3	3/4"	643 x 817 x 865
ATV-11 VS	1,76	1,45	1,20	11/15	400/3	3/4"	643 x 817 x 865
ATV-15 VS	2,05	1,71	1,44	15/20	400/3	3/4"	643 x 817 x 865
ATV-15+ VS	2,39	1,99	1,66	15/20	400/3	1"	820X1170X1043
ATV-18.5 VS	2,92	2,46	2,08	18.5/25	400/3	1"	820X1170X1043
ATV-22 VS	3,42	2,91	2,49	22/30	400/3	1"	820X1170X1043
ATV-30 VS	5,29	4,33	3,65	30/40	400/3	1 1/4"	892 x 1538 x 1562
ATV-37 VS	5,77	4,83	4,10	37/50	400/3	1 1/2"	892 x 1538 x 1700
ATV-45 VS	6,86	5,82	5,00	45/60	400/3	1 1/2"	892 x 1538x 1700
ATV-55 VS	9,35	7,65	6,48	55/75	400/3	2"	1165 x 1882 x 1790
ATV-75 VS	12,63	10,41	8,82	75/100	400/3	2"	1165 x 1882 x 1790

The units are measured according to the ambient inlet standart conditions ISO 1217 1 bar abs and 20°C



HIGH PRESSURE BREATHING AIR COMPRESSORS
MEDIUM PRESSURE AIR COMPRESSORS
BOOSTER COMPRESSORS
GAS COMPRESSORS
FILL STATIONS



SECTORS

Scuba Diving • Fire Departments • Military Applications
Submarine & Destroyer Compressors • Naval Applications
Civil Defense Applications • Fish Farms • Gas Filling Facilities
PET Bottle Blowing • Shipyards & Maritime Applications
Industrial Applications • Paintball Applications

"Maximum performance in tough conditions"



RECIPROCATING
COMPRESSORS

AYKOM COMPRESSOR

**RECIPROCATING
COMPRESSORS**

"Maximum performance in tough conditions"



TANK MOUNTED SCREW
COMPRESSORS

AYKOM COMPRESSOR

**TANK MOUNTED SCREW
COMPRESSORS**

"Maximum performance in tough conditions"



HIGH PRESSURE WASHERS

AYKOM COMPRESSOR
HIGH PRESSURE WASHER

HIGH PRESSURE WASHER

"Maximum performance in tough conditions"



AIR DRYERS

AYKOM COMPRESSOR

AIR DRYERS AND FILTRATION



AYKOM COMPRESSOR

ORIGINAL SPARE PART

AIR & GAS COMPRESSORS
COMPRESSES DE AIRE & GAS
PNEUMATIQUES



ALKIN
COMPRESSORS

**HIGH PRESSURE
COMPRESSORS**

AYDIN TRAFİO A.Ş.

Kemalpaşa OSB 500 Sokak No: 305/1 Kemalpaşa - İzmir

Phone: +90 (232) 878 1997 - +90 (232) 878 1780

www.aykom.com/home - info@aykom.com



AYKOM COMPRESSOR

A brand of **Aydın Trafo®**

TECHNICAL SPECIFICATIONS

MODEL	MOTOR POWER	PRESSURE	CAPACITY	CONNECTION	TANK VOLUME	WEIGHT	DIMENSIONS W X L X H
	kw/hp	Bar	m ³ /min	inch	Lt	kg	mm
ATV 3 TD	3/4	7	0,44	R 1/2"	300	108	603x747x705
		10	0,35			218	603x1650x1340
		13	0,25			250	603x1650x1340
ATV 4 TD	4/5,5	7	0,61	R 1/2"	300	115	603x747x705
		10	0,46			225	603x1650x1340
		13	0,39			257	603x1650x1340
ATV 5,5 TD	5,5/7,5	7	0,93	R 3/4"	300	200	643x817x865
		10	0,68			377	643x1404x1635
		13	0,58			398	643x1404x1635
ATV 7,5 TD	7,5/10	7	1,18	R 3/4"	500	205	643x817x865
		10	0,96			382	643x1530x1783
		13	0,80			407	643x1530x1783
ATV 11 TD	11/15	7	1,76	R 3/4"	500	250	643x817x865
		10	1,45			427	643x1530x1783
		13	1,20			448	643x1530x1783
ATV 15 TD	15/20	7	2,05	R 3/4"	500	264	643x817x865
		10	1,71			441	643x1530x1783
		13	1,44			473	643x1530x1783
ATV 15+TD	15/20	7	2,39	R 1"	750	425	820x1170x1043
		10	1,99			712	820x1920x1870
		13	1,66			744	820x1920x1870
ATV 18,5 TD	18,5/25	7	2,92	R 1"	750	450	820x1170x1043
		10	2,46			737	820x1930x1870
		13	2,08			769	820x1930x1870
ATV 22 TD	22/30	7	3,42	R 1"	750	475	820x1170x1043
		10	3,11			762	820x1920x1870
		13	2,41			806	820x1920x1870

Capacities are measured according to ISO 1217 Annex-C standards
Aydın Trafo Machinery Industry Trade Inc. Reserves the right to change the technical data without prior notice.

"Maximum performance in tough conditions"



TANK MOUNTED
SCREW COMPRESSOR

AYKOM COMPRESSOR



AYKOM COMPRESSOR

A brand of **Aydın Trafo**

High-performance Compact design

The compressor unit and air dryer are mounted on tank and became an end product. This brings advantage for footprint and easy installation.

Tank mounted compressors designed to operate at 100% load 24/7 with minimum operating expense and maximum efficiency. To start up, it is sufficient to make the electrical connection and connect the air outlet to the main pipeline. ATV Tank Mounted serie is the most important assistant of your business with its long maintenance intervals, wide service network, economic and accessible spare parts.

You can choose the Tank Mounted series compressors only compressors, Compressor+Tank or Compressor+Tank+Dryer depending on the needs and infrastructure of your business.



ATV FIT user-friendly control panel

- Total Working Hours, Load / Unload
- Maintenance Hours
- Rs 485 Port
- 3 Stages Encryption
- 16 Retrospective Error Records
- Yellow And Red Alarm
- Alarm Contact Output
- Industry 4.0
- Internal System Control



To work at maximum performance at tough conditions

- Premium efficiency main motor
- Long-lasting - high performance I profile poly-v-belt
- Dual stage full oil separation system with spin on type separator
- Aluminum hydraulic pipes with maximum resistance to oil leaks, breakage, cracking and explosion caused by hose.
- Non-flammable soundproof isolation
- Panel filter with 3 micron permeability
- Air filter housing
- Ergonomic cabinet design for easy access and maintenance



- High Pressure Alarm / Stop
- High Temperature Alarm / Stop
- Main Motor Thermic
- Motor Protection Relay
- Phase Protection / Sequencing Relay
- Safety Valve

All safety precautions have been taken in our compressors against both electrical problems arising from the network and problems that may arise from working conditions.

SAFETY FIRST

EMERGENCY STOP

“Maximum performance in tough conditions”



**DOUBLE STAGE
SCREW COMPRESSOR**

AYKOM COMPRESSOR

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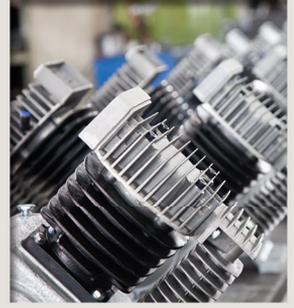
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Besides our local sales, we mainly export our products to countries like USA, Canada, France, Korea, Russia, Indonesia, Australia, UAE, Iran, Finland and Sweden.

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We as, AYKOM COMPRESSOR and ALKIN COMPRESSOR, would be glad to serve our customers with our customer-oriented management policy and proven quality, technical knowledge and experiences in local and foreign markets.

AYKOM COMPRESSOR



DOUBLE STAGE SCREW COMPRESSORS

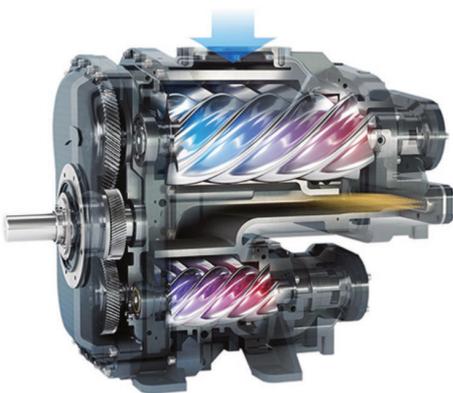
The most important feature that distinguishes DS series Double Stage Screw Air Compressors from single stage screw air compressors is their efficiency. DS series Double Stage Screw Air Compressors are up to 15% more efficient than conventional single stage screw air compressors.

Compressors consume a significant portion of the electrical energy in many businesses, and compressed air is one of the leading energy sources that can be costly and save.



In double stage airends, the main load is gradually divided between the two screws. In this way, the screw operates under lower load, at lower temperature, with less loss between rotors and at the closest point to isothermal compression. The airend, which is driven directly coupled with a high efficiency electric motor, thus reaches maximum efficiency. The specific power value of 6 kWh/m³, which is accepted as the optimum efficiency in screw air compressors today, drops to 5.15 kWh/m³ thanks to the DS Series Double stage screw air compressors, which is equal to the specific power values of the turbo compressor, which is considered the most efficient compressor today.

DS SERIES



A 250 kW single stage compressor producing 44 m³/min of air consumes 268.5 kWh of energy at full load, including the fan. The monthly energy consumption of a business operating 30 days/24 hours will be approximately 199,320 kWh. It is possible to obtain the same capacity air with DS series double stage compressors with 164.250 kWh energy and **saves 35.070 kwh energy**. This is equivalent to the accepted turbo compressor specific power ratings.

DOUBLE STAGE SCREW COMPRESSORS

VS Controlled Fan Motor

In all models, 1500 rpm motors with IE3 efficiency, IP 55 protection class and F Class insulation are used as cooling fan motors. These motors are driven by the Frequency Inverter that makes PID with the signals it receives from the temperature sensor, ensuring that the compressor operates at the ideal temperature in all conditions, and provides maximum energy savings.

IE3 High Efficiency Main Engine

Main Motors with IE3 efficiency, IP 55 protection class and F Class isolation, 1500 rpm, full closed, compatible with automatic grease pump and frequency inverter are used to drive the airend.

Internal Water Separator

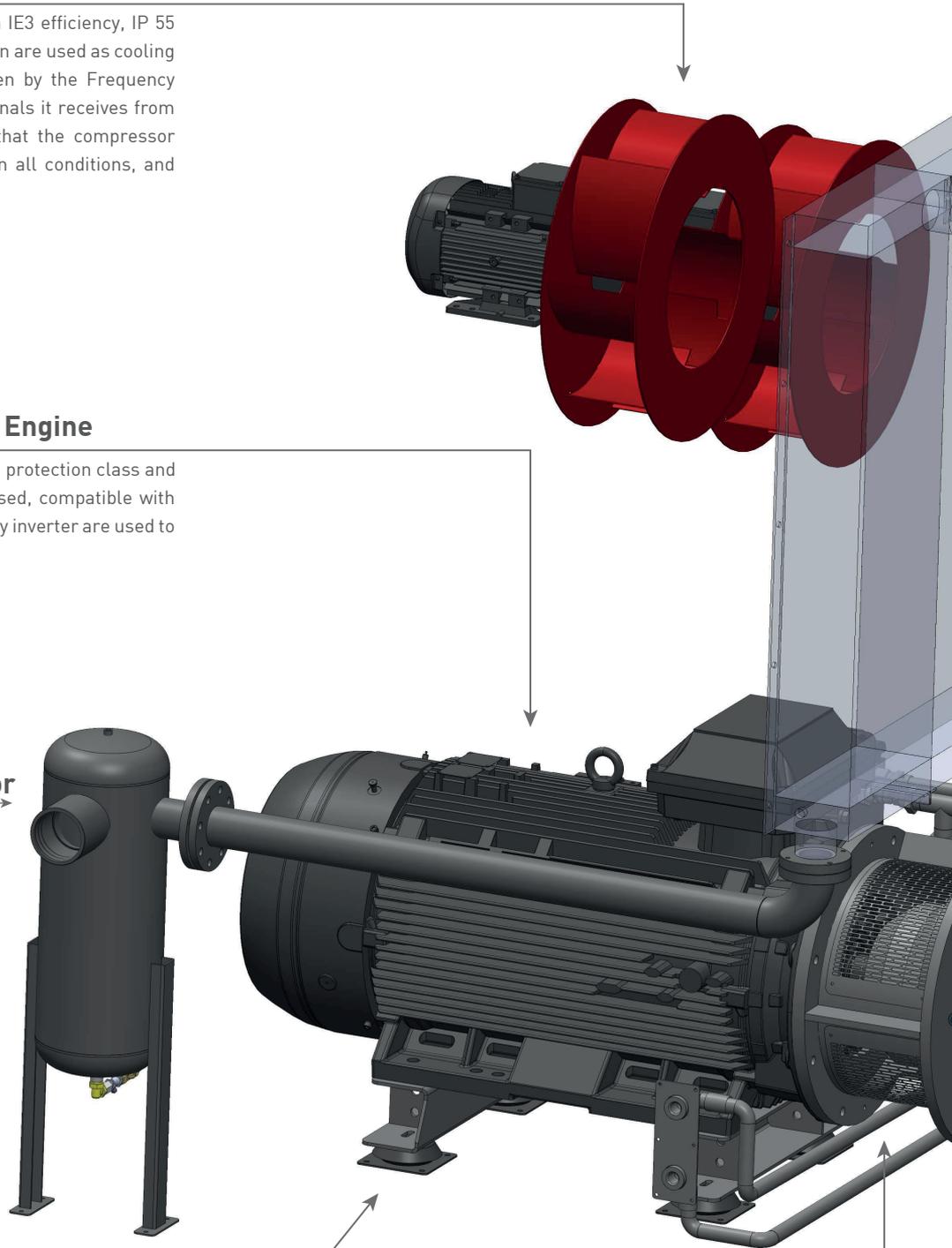
An internal water separator with automatic discharge is used on the compressed air outlet line. The internal water separator helps the dryer to work more efficiently, especially in tropical regions where humidity and temperature are high, by taking 40% of the moisture in the compressed air.

Vibration Wedges

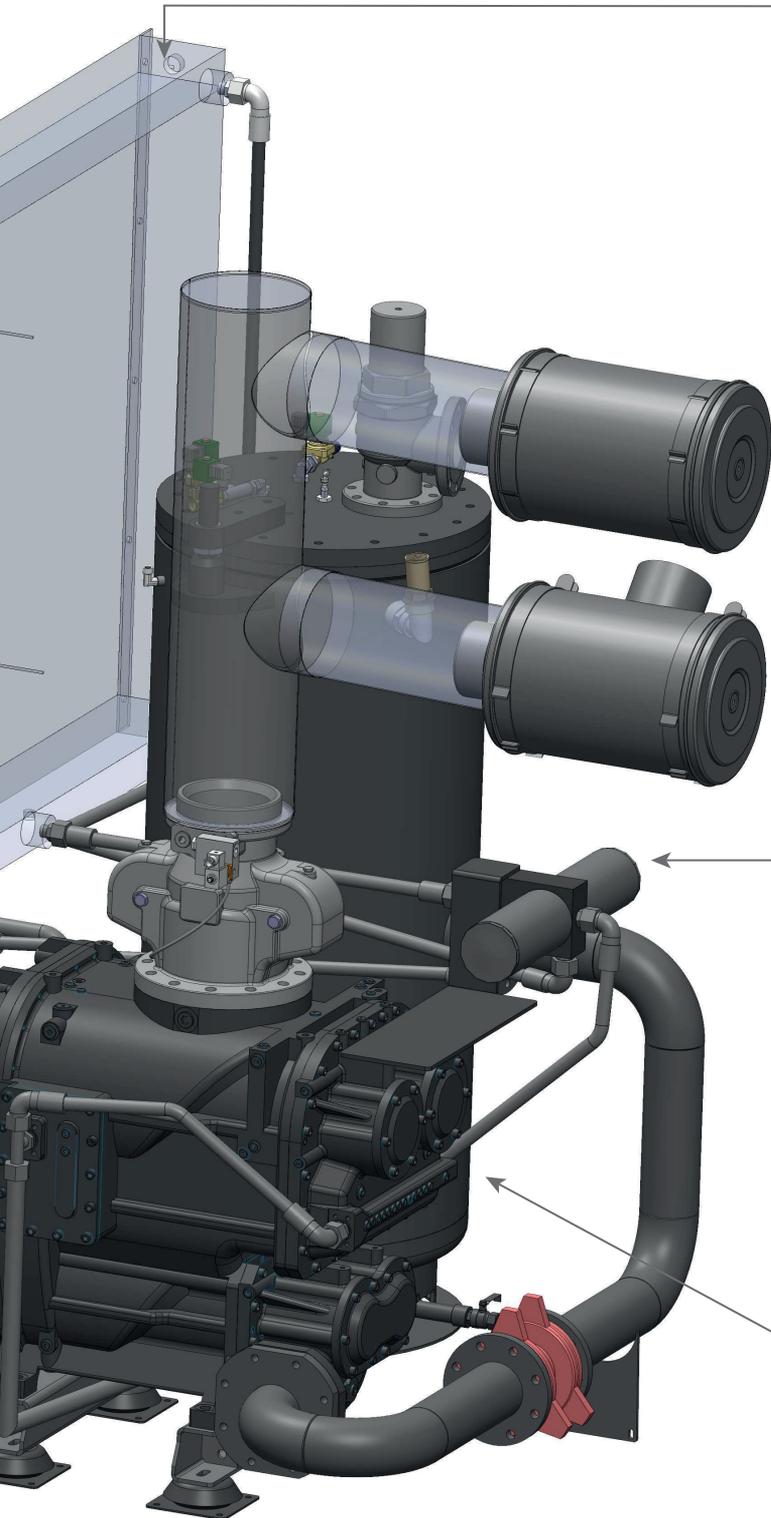
Thanks to the bowl type vibration wedges used in the assembly of the two main moving equipment, the main motor and the airend, the vibration is damped in the cabinet and its export is prevented, and it ensures that all mechanical/electrical connections work as well as the first day.

Direct Drive with Elastic Coupling

Thanks to Dodge Raptor couplings, which are produced with flexible design winglock technology, optimized with the finite element method, which reduces transmission losses to 0, a significant increase in bearing life is achieved. Thanks to its easy connection, it increases the continuity by minimizing the planned revision times.



DOUBLE STAGE SCREW COMPRESSORS



Exceptional Cooling System

Large-area aluminum bar/plate type radiator selected to operate at +60 °c ambient temperature is equipped with a high-flow radial fan. In this way, even in extremely hot environments, thanks to the vs controlled fan motor and radial fan, the compressor continues to work uninterruptedly and at the ideal temperature.

*Operation settings are made according to +50°c ambient temperature.

Heavy Duty Air Filter

In TS 932 standards, AA grade cyclone type air filter cleans the air at the rate of 99.9% and enables the airend to work safely in the most dusty environment. In this way, the oil and separator maintenance intervals of the compressor as well as the airend revision life are extended. Special air filter design ensures that the flow loss at the air inlet is reduced to zero.

Thermostatic Valve and Oil Filter

Thanks to the thermostatic valve integrated in the oil filter head and used to keep the oil temperature at the desired level, water formation in the oil is prevented. The oil filter, which consists of compressed cellulose discs, holds all particules up to 5 ppm, prevents them from going to the airend and ensures problem-free operation in two maintenance intervals.

Double Stage Airend

DS Series airends produced by mounting two separate screw groups on the same block provide maximum performance at low speed. Thanks to the distribution of the basic load on two screws and a low speed of 1500 rpm, the airend revision life is up to 40,000 working hours. In TS 932 standards, AA grade cyclone type air filter cleans the air at the rate of 99.9% and enables the airend to work safely in the most dusty environment. In this way, the oil and separator maintenance intervals of the compressor as well as the airend revision life are extended.

OPTIONS



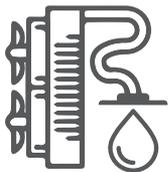
Multi Control System

The Multi Control System, which is designed to produce the air needed by the business with optimum energy consumption by communicating with each other in enterprises with more than one compressor, enables up to 8 compressors to work by communicating with each other and ensuring the multi control system. It also allows you to control your consumption by measuring and recording the energy consumed by the compressed air system.



Remote Access

It allows you to connect to the compressor from anywhere with Internet via fixed IP to control or monitor. In this way, you can access information such as instantaneous operating values of the compressor, maintenance times, error records, and send an alarm or information message. You can also connect your compressor to SCADA etc. data based control and monitoring systems.



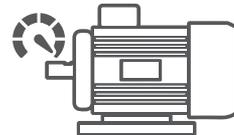
Water Cooled Compressor

Water-cooled compressors designed for extremely hot or dusty environments also provide optimum energy savings in businesses with water cooling infrastructure. Marine type seawater cooled compressors designed for operation on ships or by the sea are also offered as an option.



Heat Recovery System

Approximately 15% of the total energy drawn by the compressors from the network turns into compressed air. 85% of it turns into heat with motor losses. 75% of the total energy drawn from the grid is recoverable energy. Thanks to the heat recovery systems, the water heated up to +30°C is used in office/ambient heating, process water preheating, kitchens and bathrooms, providing maximum energy savings.



IE5 Premium Efficient Engine

Saving energy has now become as important as energy costs in our businesses. Electric motors with IE5 efficiency, which will maximize this saving, are optionally offered in Aykom DS series compressors.

ATV DS SERIES DOUBLE STAGE SCREW AIR COMPRESSORS

TECHNICAL SPECIFICATIONS							
MODEL	PRESSURE	FLOW	SPEED	MOTOR POWER	SHAFT POWER	TOTAL INPUT POWER	SPECIFIC POWER
	Bar	m ³ /dk	rpm	[kW / hp]	[kw]	[kw]	kwh/m ³ prmin
ATV 75 DS	7	14,91	1485	75/100	76,7	84,57	5,67
	8	11,81	1485	75/100	63,6	70,81	6
	10	11,62	1485	75/100	70,4	77,95	6,71
	13	8,9	1485	75/100	63,8	71,02	7,98
ATV 90 DS	7	17,59	1485	90/125	91,6	100,02	5,69
	8	15,53	1485	90/125	84,7	92,78	5,97
	10	14,64	1485	90/125	89,6	97,92	6,69
	13	11,48	1485	90/125	82,3	90,27	7,86
ATV 110 DS	7	21,1	1490	110/150	108,1	117,31	5,56
	8	19,03	1490	110/150	106	115,11	6,05
	10	17,66	1490	110/150	108	117,21	6,64
	13	15,04	1490	110/150	109,5	118,78	7,9
ATV 132 DS	7	26,42	1490	132/175	133	142,83	5,41
	8	26,28	1490	132/175	140,7	150,87	5,74
	10	21,48	1490	132/175	131,5	141,27	6,58
	13	16,95	1490	132/175	124,7	134,17	7,92
ATV 160 DS	7	32,74	1490	160/220	166,9	181,85	5,55
	8	27,88	1490	160/220	149,9	164,15	5,89
	10	27,6	1490	160/220	166,4	181,33	6,57
	13	21,5	1490	160/220	157,5	172,06	8
ATV 200 DS	7	36,54	1485	200/270	186,7	202,48	5,54
	8	36,36	1485	200/270	197,6	213,83	5,88
	10	32,62	1485	200/270	196,6	212,79	6,52
	13	25,5	1485	200/270	180,4	195,92	7,68
ATV 250 DS	7	50,27	1490	250/340	255,8	276,9	5,51
	8	45,43	1490	250/340	243,1	263,7	5,8
	10	39,63	1490	250/340	234,7	254,97	6,43
	13	35,49	1490	250/340	252,3	273,27	7,7
ATV 250+ DS	7	54,44	1490	315/430	280,3	302,07	5,55
	8	51,31	1490	315/430	278,7	300,41	5,85
	10	44,98	1490	315/430	269,9	291,27	6,48
	13	39,04	1490	315/430	269,9	291,27	7,46
ATV 315 DS	7	58,63	1490	315/430	305,4	328,13	5,6
	8	56,71	1490	315/430	312,4	335,4	5,91
	10	50,79	1490	315/430	309,4	332,29	6,54
	13	44,3	1490	315/430	310,4	333,33	7,52
ATV 355 DS	7	66,53	1490	355/485	356,5	380,81	5,72
	8	61,34	1490	355/485	343	366,81	5,98
	10	57,76	1490	355/485	358,8	383,2	6,63
	13	50,03	1490	355/485	355,8	380,09	7,6

The units are measured according to the ambient inlet standart conditions ISO 1217 1 bar abs and 20°C

DS SERIES

ATV DS VS SERIES DOUBLE STAGE SCREW AIR COMPRESSORS

TECHNICAL SPECIFICATIONS

MODEL	PRESSURE	FLOW	SPEED	MOTOR POWER [kW / hp]	SHAFT POWER [kw]	TOTAL INPUT POWER [kw]	SPECIFIC POWER kwh/m3pmin
	Bar	m3/dk	rpm				
ATV 75 DS VS	7	14,61	1485	75/100	76,7	84,57	5,67
	8	13,89	1485	75/100	63,6	70,81	6
	10	12,36	1485	75/100	70,4	77,95	6,71
	13	10,49	1485	75/100	63,8	71,02	7,98
ATV 90 DS VS	7	17,31	1485	90/125	91,6	100,02	5,69
	8	16,44	1485	90/125	84,7	92,78	5,97
	10	14,7	1485	90/125	89,6	97,92	6,69
	13	12,54	1485	90/125	82,3	90,27	7,86
ATV 110 DS VS	7	20,83	1490	110/150	108,1	117,31	5,56
	8	19,68	1490	110/150	106	115,11	6,05
	10	17,67	1490	110/150	108	117,21	6,64
	13	15,11	1490	110/150	109,5	118,78	7,9
ATV 132 DS VS	7	25,44	1490	132/175	133	142,83	5,41
	8	24,04	1490	132/175	140,7	150,87	5,74
	10	20,9	1490	132/175	131,5	141,27	6,58
	13	17,86	1490	132/175	124,7	134,17	7,92
ATV 160 DS VS	7	31,63	1490	160/220	166,9	181,85	5,55
	8	29,86	1490	160/220	149,9	164,15	5,89
	10	26,76	1490	160/220	166,4	181,33	6,57
	13	22,31	1490	160/220	157,5	172,06	8
ATV 200 DS VS	7	38,54	1485	200/270	186,7	202,48	5,54
	8	36,43	1485	200/270	197,6	213,83	5,88
	10	32,83	1485	200/270	196,6	212,79	6,52
	13	28,25	1485	200/270	180,4	195,92	7,68
ATV 250 DS VS	7	49,28	1490	250/340	255,8	276,9	5,51
	8	46,61	1490	250/340	243,1	263,7	5,8
	10	40,2	1490	250/340	234,7	254,97	6,43
	13	35,2	1490	250/340	252,3	273,27	7,7
ATV 250+ DS VS	7	55,26	1490	315/430	280,3	302,07	5,55
	8	52,31	1490	315/430	278,7	300,41	5,85
	10	47,29	1490	315/430	269,9	291,27	6,48
	13	41,01	1490	315/430	269,9	291,27	7,46
ATV 315 DS VS	7	60,17	1490	315/430	305,4	328,13	5,6
	8	57,08	1490	315/430	312,4	335,4	5,91
	10	51,61	1490	315/430	309,4	332,29	6,54
	13	43,41	1490	315/430	310,4	333,33	7,52
ATV 355 DS VS	7	66,33	1490	355/485	356,5	380,81	5,72
	8	63,12	1490	355/485	343	366,81	5,98
	10	57,3	1490	355/485	358,8	383,2	6,63
	13	49,94	1490	355/485	355,8	380,09	7,6

The units are measured according to the ambient inlet standart conditions ISO 1217 1 bar abs and 20°C

DS VS SERIES



HIGH PRESSURE BREATHING AIR COMPRESSORS
MEDIUM PRESSURE AIR COMPRESSORS
BOOSTER COMPRESSORS
GAS COMPRESSORS
FILL STATIONS



SECTORS

Scuba Diving • Fire Departments • Military Applications
Submarine & Destroyer Compressors • Naval Applications
Civil Defense Applications • Fish Farms • Gas Filling Facilities
PET Bottle Blowing • Shipyards & Maritime Applications
Industrial Applications • Paintball Applications

"Maximum performance in tough conditions"



SCREW COMPRESSOR

AYKOM COMPRESSOR

SCREW COMPRESSOR

"Maximum performance in tough conditions"



TANK MOUNTED SCREW COMPRESSORS

AYKOM COMPRESSOR

TANK MOUNTED SCREW COMPRESSOR

"Maximum performance in tough conditions"



RECIPROCATING COMPRESSORS

AYKOM COMPRESSOR

RECIPROCATING COMPRESSORS

"Maximum performance in tough conditions"



AIR DRYERS AND FILTRATION

AYKOM COMPRESSOR

AIR DRYERS AND FILTRATION



AYKOM COMPRESSOR

ORIGINAL SPARE PART

AIR & GAS COMPRESSORS
COMPRESORES DE AIRE Y GAS
HAVA & GAZ KOMPRESORLERI



HIGH PRESSURE COMPRESSORS

AYDIN TRAFİO A.Ş.

Kemalpaşa OSB 500 Sokak No: 305/1 Kemalpaşa - İzmir
Phone: +90 (232) 878 1997 - +90 (232) 878 1780
www.aykom.com / info@aykom.com



AYKOM COMPRESSOR

A brand of **Aydın Trafo**

“Maximum performance in tough conditions”



**RECIPROCATING
COMPRESSOR**

AYKOM COMPRESSOR

AIR PUMP



Motor power: 1 hp
Capacity : 110 lt/min
Motor Speed: 980 rpm
Pressure : 8 bar

ATK 11-50



Motor power: 2 hp
Capacity : 200 lt/min
Motor Speed: 980 rpm
Pressure : 12 bar

ATK 22-220



Motor power: 1,5 hp	2 hp
Capacity : 210 lt/min	260 lt/min
Motor Speed: 980 rpm	1250 rpm
Pressure : 8 bar	

ATK 21-100



Motor power: 5,5 hp	7,5 hp
Capacity : 630 lt/min	800 lt/min
Motor Speed: 950 rpm	1200 rpm
Pressure : 12 bar	

ATK 22-300



Motor power: 3 hp	4 hp
Capacity : 400 lt/min	500 lt/min
Motor Speed: 980 rpm	1150 rpm
Pressure : 8 bar	

ATK 21-220



Motor power : 10 hp
Capacity : 1225lt/min
Motor Speed : 1250 rpm
Pressure : 12 bar

ATK 22-530-10



Motor power: 5,5 hp	7,5 hp
Capacity : 780 lt/min	920 lt/min
Motor Speed: 950 rpm	1120 lt/min
Pressure : 8 bar	

ATK 21-300



Motor power: 15 hp
Capacity : 1730 lt/min
Motor Speed: 1075 rpm
Pressure : 12 bar

ATK 22-1000-15 hp



Motor power: 10 hp
Capacity : 1370 lt/min
Motor Speed: 900 rpm
Pressure : 8 bar

ATK 21-530-10

BASE PLATE COMPRESSOR



Motor power: 1,5 hp	2 hp
Capacity : 210 lt/min	260 lt/min
Motor Speed: 980 rpm	1250 rpm
Pressure : 8 bar	

ATS 21-100



Motor power: 2 hp	
Capacity : 200 lt/min	
Motor Speed: 980 rpm	
Pressure : 12 bar	

ATS 22-220



Motor power: 3 hp	4 hp
Capacity : 400 lt/min	500 lt/min
Motor Speed: 980 rpm	1150 rpm
Pressure : 8 bar	

ATS 21-220



Motor power: 5,5 hp	7,5 hp
Capacity : 630 lt/min	800 lt/min
Motor Speed: 950 rpm	1200 rpm
Pressure : 12 bar	

ATS 22-300



Motor power: 5,5 hp	7,5 hp
Capacity : 780 lt/min	920 lt/min
Motor Speed: 950 rpm	1120 rpm
Pressure : 8 bar	

ATS 21-300



Motor power: 10 hp	
Capacity : 1225 lt/min	
Motor Speed: 1250 rpm	
Pressure : 12 bar	

ATS 22-530 10



Motor power: 10 hp	
Capacity : 1370 lt/min	
Motor Speed: 900 rpm	
Pressure : 8 bar	

ATS 21-530 -10



Motor power: 15 hp	
Capacity : 1730 lt/min	
Motor Speed: 1075 rpm	
Pressure : 12 bar	

ATS 22-1000-15 hp

SINGLE STAGE RECIPROCATING COMPRESSOR



1 Belt Guard

We maximize the physical safety by the structure embracing the belt-pulley mechanism by means of its unique wire design in compliance with CE Standards

2 Pressure Switch

Pressure switches used to adjust the operating pressure range of the compressors also relieve the internal pressure at the time of starting, ensuring trouble-free operation for many years.

3 Motor Safety Switch

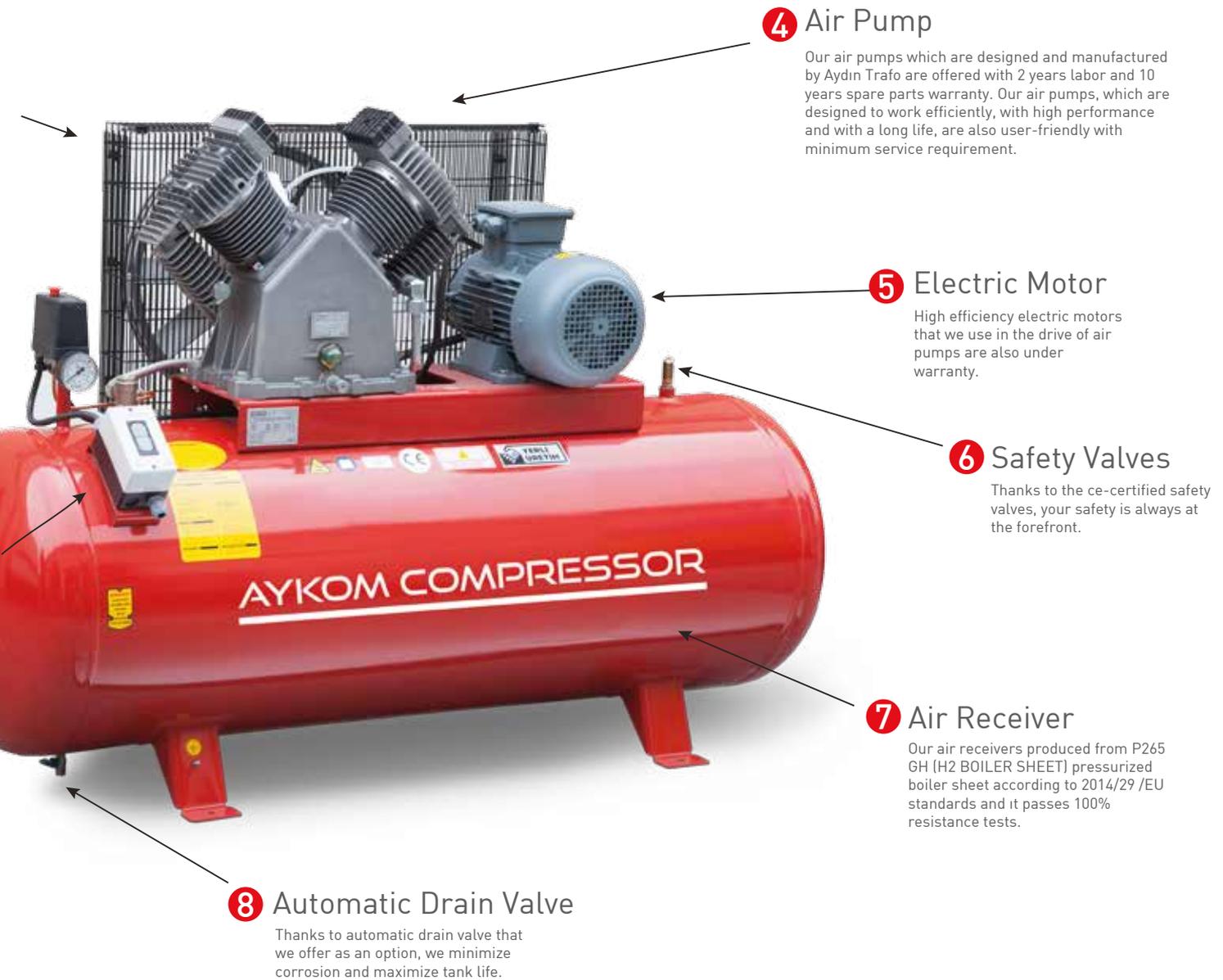
Thanks to motor safety switch installed on the machine as standard in 300 l and above models, we achieve full safety in our compressors.

TECHNICAL SPECIFICATIONS

MODEL	WORKING PRESSURE (bar)	AIR RECEIVER (lt)	ENGINE POWER (kW / hp)	AIR DISPLACEMENT (lt / min)	VOLTAGE PHASE (volt)	CYLINDER	PUMP SPEED (Rpm)	DIMENSIONS (Width x Length x Height) (mm)	WEIGHT (kg)
11-50	8	50	0.75/1	110	400/3	1	980	500x880x830	60
11-50M	8	50	0.75/1	110	230/1	1	980	500x880x830	63
21-100	8	100	1.1/1.5	210	400/3	2	980	600x1150x1000	80
21-100M	8	100	1.1/1.5	210	230/1	2	980	600x1150x1000	80
21-130	8	130	1.5/2	275	400/3	2	1300	600x1300x910	94
21-130M	8	130	1.5/2	260	230/1	2	1250	600x1300x910	94
21-220	8	200	2.2/3	400	400/3	2	980	620x1500x1000	130
21-220M	8	200	2.2/3	380	230/1	2	900	620x1500x1000	134
21-300	8	300	3/4	500	400/3	2	1200	650x1700x1200	175
21-300/5,5	8	300	4/5.5	780	400/3	2	950	650x1700x1200	190
21-530/5,5	8	530	4/5.5	780	400/3	2	950	770x1920x1340	260
21-530/7,5	8	530	5.5/7.5	900	400/3	2	1120	770x1920x1340	267
21-530/10	8	530	7.5/10	1370	400/3	2	900	770x1920x1380	384
21-1000/10 S	8	-	7.5/10	1370	400/3	2	900	700x1320x880	247
11-300/5.5 A D	8	300	4/5.5	760	400/3	1	1425	790X840X1770	192
11-530/5.5 A	8	530	4/5.5	760	400/3	1	1425	770X1940X1370	258

*Tank size and weight are not included in the over-frame compressors. Also 500 lt and 1000 lt options are available. **A:** Direct drive **D:** Vertical Tank **S:** Base Plate

DOUBLE STAGE RECIPROCATING COMPRESSOR



TECHNICAL SPECIFICATIONS

MODEL	WORKING PRESSURE (bar)	AIR RECEIVER (lt)	ENGINE POWER (kW / hp)	AIR DISPLACEMENT (lt / min)	VOLTAGE PHASE (volt)	CYLINDER	PUMP SPEED (Rpm)	DIMENSIONS (Width x Length x Height) (mm)	WEIGHT (kg)
22-220	12	200	1.5 / 2	200	400/3	2	980	600x1500x1000	129
22-220 M	12	200	1.5 / 2	200	230/1	2	980	600x1500x1000	130
22-300 / 5.5	12	300	4 / 5.5	630	400/3	2	950	650x1700x1200	195
22-530 / 5.5	12	530	4 / 5.5	630	400/3	2	950	770x1920x1340	303
22-530 / 7.5	12	530	5.5 / 7.5	800	400/3	2	1200	770x1920x1340	307
22-530 / 10	12	530	7.5 / 10	1225	400/3	2	1250	770x1920x1380	350
22-1000 / 15-S	12	-	11 / 15	1730	400/3	2	1075	700x1320x880	290
22-300/7.5 A D	12	300	5.5/7.5	760	400/3	2	1425	790X800X1770	225
22-530/7.5 A	12	530	5.5/7.5	760	400/3	2	1425	770X1940X1370	293

*Tank size and weight are not included in the over-frame compressors. Also 500 lt and 1000 lt options are available. **A:** Direct drive **D:** Vertical Tank **S:** Base Plate

GASOLINE ENGINE RECIPROCATING COMPRESSOR



TECHNICAL SPECIFICATIONS

MODEL	PRESSURE BAR	AIR RECEIVER (lt)	ENGINE POWER	ENGINE TYPE	AIR DISPL. (lt/min)	CYLINDER	DIMENSIONS (cm)
22-220 BS	12	200	5.5	Rope	200	2	62x150x100
22-220 H	12	200	4	Rope	200	2	62x150x100
22-300 BS	12	300	13	Starter/Rope	630	2	65x170x120
22-300 H	12	300	13	Starter/Rope	630	2	65x170x120

Compressed air is always with you with Gasoline Engine Reciprocating Compressors in areas where electrical energy cannot be reached.

- High performance air pump which designed manufactured completely by Aydın Trafo
- CE Certified Air Receiver manufactured by Aydın Trafo
- Long lasting and high-quality gasoline engine
- Rope/Starter engine option
- Internal battery in starter motors
- Internal charging generator for battery recharging
- Automatic start stop option on starter models
- 3-stage safety system against tough conditions.
- Vibration-free and safe operation with the 6-point supported vibration pads.

RECIPROCATING COMPRESSOR WITH ALTERNATOR



TECHNICAL SPECIFICATIONS

MODEL	PRESSURE (bar)	AIR RECEIVER (lt)	ENGINE POWER	ENGINE TYPE	AIR DISPL. (lt/min)	CYLINDER	ELECTRICITY OUTLET	DIMENSIONS (cm)
22-300 ALT BS	12	300	14	Starter	630	2	400V/3Ph/50 Hz - 8,5 kVA	650x1700x1200
22-300 ALTH	12	300	13	Starter	630	2	220V/1Ph/50 Hz - 4 kVA	650x1700x1200

Compressed air and electrical energy are always with you with reciprocating compressors with alternator in areas where electrical energy cannot be reached.

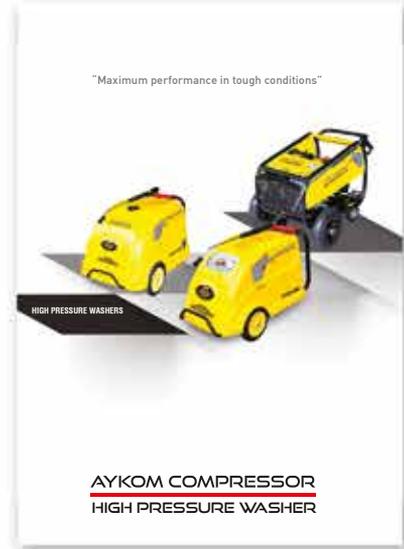
- High performance air pump which designed and manufactured completely by Aydın Trafo
- CE Certified Air Receiver manufactured by Aydın Trafo
- Long-lasting and high-quality alternator
- Long-lasting and high-quality starter engine with 14 hp gasoline engine
- Internal battery
- Internal charging generator for battery charging
- 3-stage safety system for the most difficult conditions
- Vibration-free and safe operation with the 8-point supported vibration pads.



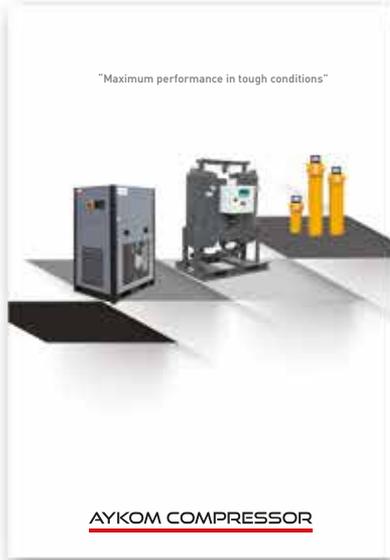
**SCREW
COMPRESSOR**



**TANK MOUNTED SCREW
COMPRESSOR**



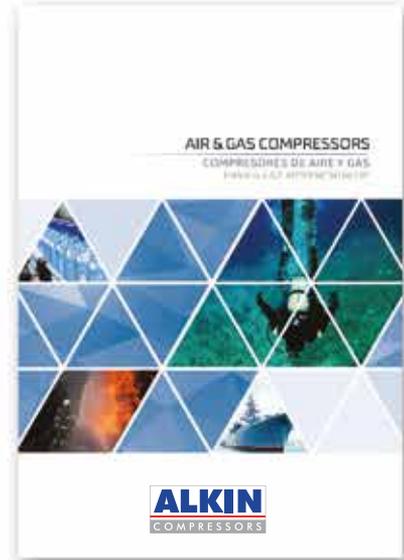
HIGH PRESSURE WASHER



AIR DRYERS AND FILTRATION



ORIGINAL SPARE PART



**HIGH PRESSURE
COMPRESSORS**

AYDIN TRAFİO A.Ş.

Kemalpaşa OSB 500 Sokak No: 305/1 Kemalpaşa - İzmir
Phone: +90 (232) 878 1997 - +90 (232) 878 1780
www.aykom.com / info@aykom.com



AYKOM COMPRESSOR

A brand of **Aydın Trafo**



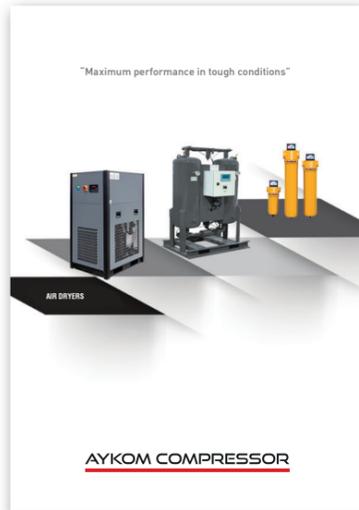
SCREW
COMPRESSORS



TANK MOUNTED SCREW
COMPRESSORS



RECIPROCATING
COMPRESSORS



AIR DRYERS AND FILTRATION



ORIGINAL SPARE PART



HIGH PRESSURE
COMPRESSORS

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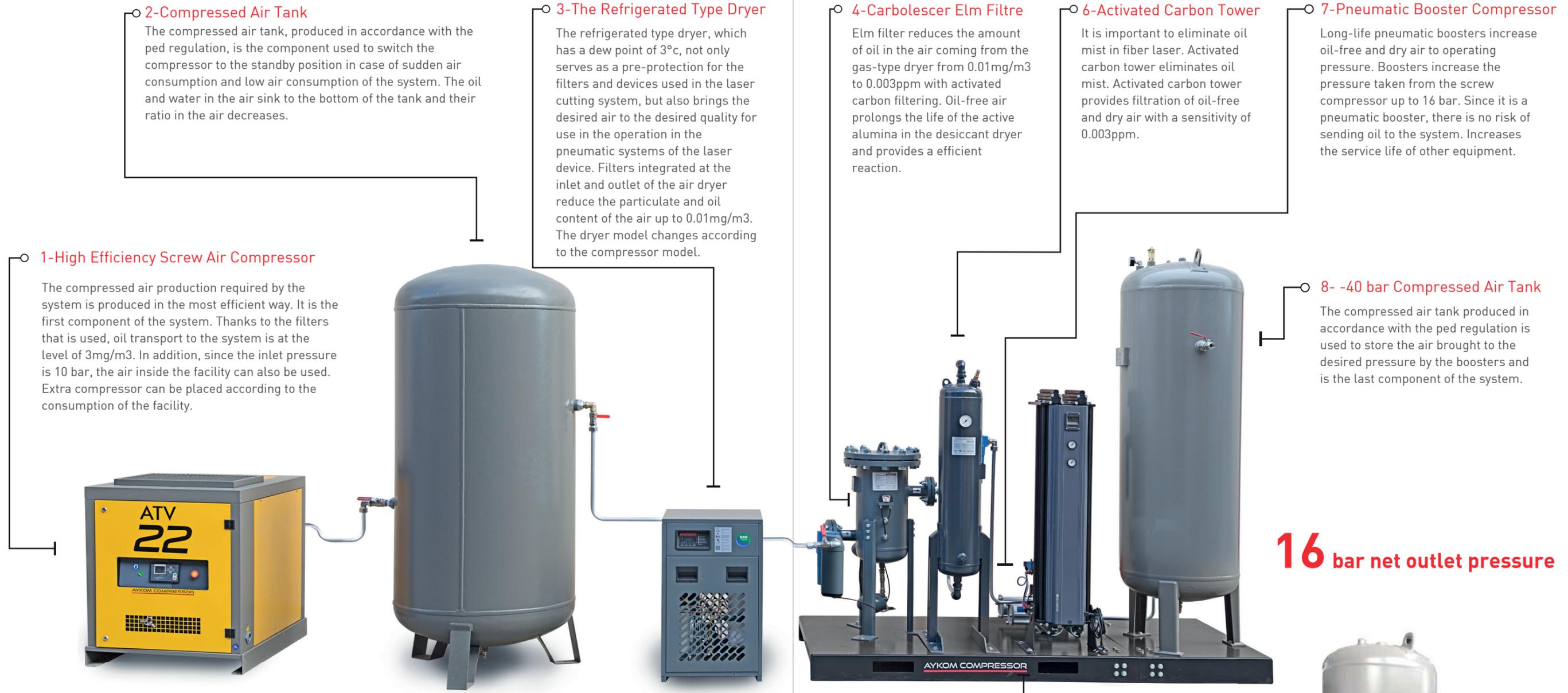
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Compressed Air Cutting



AYKOM COMPRESSOR

Air cutting technologies



2-Compressed Air Tank
The compressed air tank, produced in accordance with the regulation, is the component used to switch the compressor to the standby position in case of sudden air consumption and low air consumption of the system. The oil and water in the air sink to the bottom of the tank and their ratio in the air decreases.

3-The Refrigerated Type Dryer
The refrigerated type dryer, which has a dew point of 3°C, not only serves as a pre-protection for the filters and devices used in the laser cutting system, but also brings the desired air to the desired quality for use in the operation in the pneumatic systems of the laser device. Filters integrated at the inlet and outlet of the air dryer reduce the particulate and oil content of the air up to 0.01mg/m³. The dryer model changes according to the compressor model.

1-High Efficiency Screw Air Compressor

The compressed air production required by the system is produced in the most efficient way. It is the first component of the system. Thanks to the filters that is used, oil transport to the system is at the level of 3mg/m³. In addition, since the inlet pressure is 10 bar, the air inside the facility can also be used. Extra compressor can be placed according to the consumption of the facility.



In today's conditions, where the Operational Energy and Gas Costs have an important place, the use of compressed air instead of nitrogen and oxygen in laser cutting benches has increased tremendously. Businesses that cut with compressed air provide gas cost advantage of up to 90%.

Compressed air is easily used for cutting carbon, aluminum and stainless steel sheets in laser cutting benches.

AVERAGE CUTTING THICKNESSES

MATERIAL	PRESSURE	
	13 bar	16 bar
CARBON STEEL PLATE	3 mm	5 mm
ALUMINIUM SHEET METAL	3 mm	5 mm
STAINLESS SHEET METAL	3 mm	5 mm

4-Carbolescer Elm Filtre
Elm filter reduces the amount of oil in the air coming from the gas-type dryer from 0.01mg/m³ to 0.003ppm with activated carbon filtering. Oil-free air prolongs the life of the active alumina in the desiccant dryer and provides an efficient reaction.

6-Activated Carbon Tower
It is important to eliminate oil mist in fiber laser. Activated carbon tower eliminates oil mist. Activated carbon tower provides filtration of oil-free and dry air with a sensitivity of 0.003ppm.

7-Pneumatic Booster Compressor
Long-life pneumatic boosters increase oil-free and dry air to operating pressure. Boosters increase the pressure taken from the screw compressor up to 16 bar. Since it is a pneumatic booster, there is no risk of sending oil to the system. Increases the service life of other equipment.

5- -40 Desiccant Dryer

The humidity in the air entering the chemical dryer at 3°C is removed from the air by reaching the dew point of -40°C and dry air is supplied to the system. Filters integrated into the dryer outlet prevent the transport of active alumina particles into the system. The desiccant dryer must be selected according to the region where the laser cutting system is used.

8- -40 bar Compressed Air Tank
The compressed air tank produced in accordance with the regulation is used to store the air brought to the desired pressure by the boosters and is the last component of the system.

16 bar net outlet pressure



“Maximum performance in tough conditions”



**HIGH PRESSURE
WASHER**

AYKOM COMPRESSOR

HIGH PRESSURE WASHER

AYKOM COMPRESSOR

HIGH PRESSURE WASHER

AYKOM COMPRESSOR is a brand of **AYDIN TRAF0**.

AYDIN TRAF0 was established in 1960 by manufacturing welding machines. We continued to grow with the production of air piston compressors in 1977, air screw compressors in 1998 and high pressure washers in 2004.

Today, our production is made in our plant located in Izmir Kemalpaşa Organized Industrial Zone on over 7.500 sqm closed 10.000 sqm open area and our plant's annual production capacity is 24.000 machines. We are in the construction process to open our new production facility which has 12.500 sqm closed area in Torbalı/İzmir by the second half of 2023.

Having been continuing its investments and adopting a management concept, Aykom realized steady growth since the day it was founded. AYKOM COMPRESSOR completed its branding process and became a reliable brand in the market.

As a result of successfully organized future plans, our company has the largest dealer and service network in domestic market and Aykom Compressor is represented in all continents in more than 25 countries with its dealer and service networks.

AYKOM COMPRESSOR was certified to DIN EN ISO 9001-2008 Quality Management System by TÜV Rheinland Germany in 2000 and CE attestation in 2004 by one of the leading notified body Bureau Veritas France. Furthermore we have GOST-R certificate for Russia.

With our customer-oriented management strategies and worldwide aftersales service points in global market, we provide maximum customer satisfaction by instant and rapid solutions.

““ VISION

Our vision is to be one of the leaders in pressure washing machine industry with the other global brands.

““ MISSION

Our mission is to continue our high technology-oriented production by applying innovator, high quality and efficient solutions regarding to the developments.

““ TARGET

Our target is to make more efficient and reliable products which has a wide range and meet all requirements with low cost and high quality.

We aim to shape the future of our partners and employees with our products and services.

““ QUALITY POLICY

Our company continues to being a global company which is sensitive to environment, customer-oriented and aim to constant development and quality.

Our quality policy is to create a quality management system to manage all customer feedbacks efficiently and manufacture products which are comply with standards, reliable, esthetics, and according to our customer needs and expectations.



FILTERED WATER



Pump with ceramic pistons



**TOTAL STOP
OPTION**

AT SC HOT & COLD TYPE HIGH PRESSURE WASHERS



TECHNICAL SPECIFICATIONS	WITH BURNER			ELECTRIC
	AT SC-150/4 M	AT SC-200/7.5	AT SC-250/7.5	AT SE-180/5.5
Working pressure (bar)	150	200	250	180
Flow Rate (lt/min.)	12	15	15	12
Motor Power (kW/hp)	3/4	5.5/7.5	5.5/7.5	4/5,5
Voltage / Phase (volt)	230/1	400/3	400/3	400/3
Fuel/Energy Type	Diesel	Diesel	Diesel	Electric
Water Temperature (°C)	30-120 °C	30-120 °C	30-120 °C	30-80 °C
Hose Length	10 m	10 m	15 m	10 m
Weight (kg)	162	176	179	185
Dimensions (mm)	820 x 1220 x 850	820 x 1220 x 850	820 x 1220 x 850	820 x 1220 x 850

TOTAL STOP is optional for each model.

Date and characteristics are guidance only and can be changed anytime

AT SK COLD TYPE HIGH PRESSURE WASHERS



TECHNICAL SPECIFICATIONS	AT SK-150/4 M	AT SK-200/7.5	AT SK-200/10	AT SK-250/7.5
Working pressure (bar)	150	200	200	250
Flow Rate (lt/min.)	12	15	21	15
Motor Power (kW/hp)	3/4	5,5/7,5	7,5/10	5,5/7,5
Voltage / Phase (volt)	230/1	400/3	400/3	400/3
Hose Length	10 m	10 m	10 m	15 m
Weight (kg)	82	97	113	100
Dimensions (mm)	620 x 1120 x 760	620 x 1120 x 760	620 x 1120 x 760	620 x 1120 x 760

TOTAL STOP is optional for each model.

Data and characteristics are guidance only and can be changed anytime

AT SC & AT SK TYPE HIGH PRESSURE WASHERS TECHNICAL SPECIFICATIONS



- Pump with ceramic pistons
- Dual leak-proof seal system
- By-pass regulator system with safety limiter
- Direct coupled pump and motor
- Service friendly thanks to its coupling and housing connection
- Energy efficient electric motor
- Residual current relay and emergency stop button
- Easy to clean water filters
- Lockable wheel system
- High resistance polyester cabinet
- Easy to move and use due to its ergonomic design

OPTIONAL EQUIPMENTS



1. Sand blastic nozzle: Provides sand blasting by spraying the sand and water at the same time
2. Rotojet/Rotopower: Take the rough dirt out by rotary movement of the water.
3. Foam sprayer kit: Detergent dose and outlet angles can be adjusted.
4. Canalizing system: Helps to open congested pipes
5. Total stop: Enables start and stop from the gun

SPECIAL PURPOSE HIGH PRESSURE WASHERS

PETROL AND DIESEL ENGINE COLD HIGH PRESSURE WASHERS

Due to special design of direct coupled axial pump, higher efficiency can be obtained with our petrol and diesel engine driven cold high pressure washers. These machines are equipped with high quality pumps. High quality Honda petrol engine and Lombardini diesel engine are used in our models in order to have maximum performance.



HIGH PRESSURE WASHERS FOR SPECIAL PURPOSES AND HEAVY DUTY APPLICATIONS

AYKOM water jet high pressure washers are used for heavy duty applications. According to customer request, cleaning solutions can be provided from 350-600 bar pressure and 18-38 lt/min flow rate

Data and characteristics are guidance only and can be changed anytime

"Maximum performance in tough conditions"



RECIPROCATING
COMPRESSORS

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TANK MOUNTED SCREW
COMPRESSORS

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**TANK MOUNTED SCREW
COMPRESSOR**

"Maximum performance in tough conditions"



SCREW
COMPRESSORS

AYKOM COMPRESSOR

**SCREW
COMPRESSOR**

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AIR DRYERS

AYKOM COMPRESSOR

AIR DRYERS AND FILTRATION



AYKOM COMPRESSOR

ORIGINAL SPARE PART

AIR & GAS COMPRESSORS
COMPRESORES DE AIRE Y GAS
HAUTE PRESION



ALKIN
COMPRESSORS

**HIGH PRESSURE
COMPRESSORS**

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