

ARNIKA
— COMPANY —

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TRYCOMP
Heavy Duty

About Us



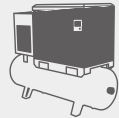
Globalization, which becomes an obligation of every people in the world to keep up, has written its own rules. Management has emerged with the desire of two people to meet on a common ground. But the increase in the number of requests and the infinite structure of technology make us to re-evaluate the dynamics of the management concept today. Because we know that by having perfect management, companies are writing their names in gold on the history pages.

As TRYCOMP, we define the principles of management with precise lines and apply them at our own work structure. Because we know that the secret of success; It is not only about working hard, also working smart. Principles of working wisely and efficiently is our philosophy as TRYCOMP.

As TRYCOMP, we are aware of our resources and our limits, and we exist with the importance of working effectively and efficiently. The management, while creating the corporate identity of our effective and productive working principles, also apply our management principles to spread it to the global boundaries. Because we know that the management is not a fact suddenly appears and disappears. Management is the brightness of the road to achieve the goals. However the key to success is to manage and to be able to manage, as TRYCOMP, we are also aware that those who evaluate the moment are ruling the world. That's exactly why, we say "the most precious moment is now"



SCREW AIR COMPRESSORS



3 KW-75 KW
BELT-PULLEY DRIVEN

**COMPACT
SERIES**

**BELT DRIVE
SERIES**

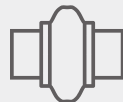
4-KW-30KW
BELT-PULLEY DRIVEN
SPIN-ON SEPERATOR
COMPACT-SMALL FOOTPRINT

15 KW-75 KW
BELT-PULLEY DRIVEN

**VARIABLE
SERIES**

**DIRECT DRIVE
SERIES**

4-KW-30KW
BELT-PULLEY DRIVEN
SPIN-ON SEPERATOR
COMPACT-SMALL FOOTPRINT



COMPACT SERIES

Efficient, Small Footprint, Long Lifetime, Quite.

TRYCOMP, with COMPACT series, offers end users the compressed air solutions that are efficient, silent, easy to service and use COMPACT series screw air compressors that have each parts manufactured and assembled according to the international quality standards, are specially designed to run continuously to meet the compressed air demand in different applications of the small and medium size enterprises.

Options

- Water-cooled (MRC 15-30) • -20°C Cold Start
- Water Separator (MRC 15-30) • Food Grade Oil
- Without air tank, with air tank and dryer equipped.
- Different mains voltages

Standard Equipment

- Efficient screw element • 380V/50Hz/3Ph, IP55 protection • P late & bar type radiator • Belt-Pulley Drive • Poly V Belt with a lifetime of 25.000 hours
- Detachable acoustic canopy and rigid chassis
- Oil carry over less than 3 mg/m³) due to special design of vessel and air/oil separator
- 3 micron Dry air filter • Electro-pneumatic load/unload controlled inlet valve
- Drive system with Star Delta connection
- PLC controller



SCREW AIR COMPRESSOR (Compact BC Series)

Model	Power		Free Air Delivery* m³/min			Tank	Connection Size R	Dimensions LxWxH mm	Weight Kg
	kW	Hp	7.5 BAR	10 BAR	13 BAR				
TRY3BC	3	4	0,45	0,35	-	300l.	1/2"	1850X800X1600	145
TRY4BC	4	5,5	0,58	0,46	0,41	300l.	1/2"	1850X800X1600	155
TRY5,5BC	5,5	7,5	0,8	0,68	0,57	300l.	3/4"	1850X800X1600	170
TRY7,5BC	7,5	10	1,2	0,92	0,72	500l.	3/4"	1960X800X1720	240
TRY11BC	11	15	1,8	1,4	1,1	500l.	3/4"	1960X800X1720	260
TRY15BC	15	20	2,25	1,9	1,6	500l.	3/4"	1960X800X1720	290
TRY16BC	15B	20	2,6	2,1	1,85	500l.	3/4"	1960X800X1720	380
TRY18,5BC	18,5	25	3,1	2,6	2,2	500l.	3/4"	1960X800X1720	400
TRY22BC	22	30	3,7	3,2	2,7	500l.	3/4"	1960X800X1720	500

* Free Air Delivery (FAD), According to ISO 1217:2009, Annex C.
 Absolute Pressure 1 bar, 0% Relative Humidity, 20 C Ambient Temperature
 ** Sound Pressure Level: According to ISO 2151 and ISO 9614/2 with tolerance + 3 db(A)
 Our company as TRYCOMP, reserves the right to make changes at anytime without any prior notice.

SCREW AIR COMPRESSOR BCFD SERIES (Compact Filter & Dreyer)

Model	Power		Free Air Delivery* m³/min			Tank	Connection Size R	Dimensions LxWxH mm	Weight Kg
	kW	Hp	7.5 BAR	10 BAR	13 BAR				
TRY3BCFD	3	4	0,45	0,35	-	300l.	1/2"	1850X800X1600	160
TRY4BCFD	4	5,5	0,58	0,46	0,41	300l.	1/2"	1850X800X1600	170
TRY5,5BCFD	5,5	7,5	0,8	0,68	0,57	300l.	3/4"	1850X800X1600	190
TRY7,5BCFD	7,5	10	1,2	0,92	0,72	500l.	3/4"	1960X800X1720	260
TRY11BCFD	11	15	1,8	1,4	1,1	500l.	3/4"	1960X800X1720	280
TRY15BCFD	15	20	2,25	1,9	1,6	500l.	3/4"	1960X800X1720	310
TRY16BCFD	15B	20	2,6	2,1	1,85	500l.	3/4"	1960X800X1720	405
TRY18,5BCFD	18,5	25	3,1	2,6	2,2	500l.	3/4"	1960X800X1720	430
TRY22BCFD	22	30	3,7	3,2	2,7	500l.	3/4"v	1960X800X1720	540

* Free Air Delivery (FAD), According to ISO 1217:2009, Annex C.
 Absolute Pressure 1 bar, 0% Relative Humidity, 20 C Ambient Temperature
 ** Sound Pressure Level: According to ISO 2151 and ISO 9614/2 with tolerance + 3 db(A)
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BELT DRIVE SERIES

SCREW AIR COMPRESSOR BELT DRIVE (B SERIES)

High Efficiency, Long Life Time, Trustworthy...

TRYCOMP BELT DRIVE SERIES has been designed to meet the compressed air demand of medium and big size enterprises.

BELT DRIVE SERIES have each parts manufactured and assembled according to the international quality standards are designed based on quality, efficiency, sturdiness, power, compactness, easy to install and to service. Its durable design allows the production continues in toughest conditions without any interruption

Options

- Water-cooled • -20°C Cold Start • Water Separator
- Food Grade Oil • Different mains voltages
- Integrated Energy Recovery System

Standard Equipment

- Efficient screw element • 380V/50Hz/3Ph, IP55 protection • Belt-Pulley Drive • Poly V Belt with a lifetime of 25.000 hours • Acoustic canopy and rigid chassis • Oil carry over less than 3 mg/m3 due to special design of vessel and air/oil separator • 3 micron Dry air filter • Electro-pneumatic load/unload controlled inlet valve • Drive system with Star Delta connection • PLC controller • Plate & bar type radiator

Model	Power		Free Air Delivery* m³/min			Tank	Connection Size R	Dimensions LxWxH mm	Weight Kg
	kW	Hp	7.5 BAR	10 BAR	13 BAR				
TRY3B	3	4	0,45	0,35	-	-	1/2"	900x1000x750	105
TRY4B	4	5.5	0,58	0,46	0,57	-	1/2"	900x1000x750	115
TRY5,5B	5.5	7.5	0,8	0,68	-	-	1/2"	900x1000x750	130
TRY7,5B	7.5	10	1,2	0,92	0,72	-	3/4"	1000x800x1080	190
TRY11B	11	15	1,8	1,4	1,1	-	3/4"	1000x800x1080	210
TRY15B	15	20	2,25	1,9	1,6	-	3/4"	1000x800x1080	260
TRY16B	15B	20	2,6	2,1	1,85	-	3/4"	1000x800x1080	490
TRY18,5B	18,5	25	3,1	2,6	2,2	-	3/4"	1100x900x1250	510
TRY22B	22	30	3,7	3,2	2,7	-	3/4"	1100x900x1250	525
TRY30B	30	40	5,2	4,4	3,75	-	1"	1400x1000x1350	600
TRY37B	37	50	6,4	5,2	4,3	-	1 1/2"	1400x1000x1350	760
TRY45B	45	60	7,2	6,3	5,6	-	1 1/2"	1750x1100x1700	900
TRY55B	55	75	9,6	8,2	6,9	-	1 1/2"	1750x1100x1700	1050
TRY75B	75	100	12,8	10,7	8,8	-	2"	1750x1400x1950	1600

* Free Air Delivery (FAD), According to ISO 1217:2009, Annex C, Absolute Pressure 1 bar, 0% Relative Humidity, 20 C Ambient Temperature
 ** Sound Pressure Level, According to ISO 2151 and ISO 9614/2 with tolerance +/- 3 db(A)
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DIRECT SERIES

SCREW AIR COMPRESSOR (D SERIES)

Powerful, High Quality, Easy to Service...

TRYCOMP DIRECT series has been designed to meet the compressed air demand of medium and big size enterprises.

DIRECT SERIES have each parts manufactured and assembled according to the international quality standards are designed based on quality, efficiency, sturdiness, power, compactness, easy to install and to service. Its durable design allows the production continues in toughest conditions without any interruption

Options

- Water-cooled • -20°C Cold Start • Water Separator • Food Grade Oil
- Different mains voltages • Integrated Energy Recovery System

Standard Equipment

- High efficient screw element • 380V/50Hz/3Ph, IP55 protection • 1:1 Direct Driven (No loss) • Drive system with Star Delta connection • Acoustic canopy and rigid chassis • Oil carry over less than 3 mg/m³ due to special design of vessel and air/oil separator • 3 micron Dry air filter • Electro-pneumatic load/unload controlled inlet valve • PLC controller • Plate & bar type radiator

Model	Power		Free Air Delivery* m ³ /min			Tank	Connection Size R	Dimensions LxWxH mm	Weight Kg
	kW	Hp	7.5 BAR	10 BAR	13 BAR				
TRY5.5D	5,5	7,5	0,8	0,68	-	-	1/2"	1200X750X1100	240
TRY7.5D	7,5	10	1,2	0,92	0,72	-	1/2"	1200X750X1100	260
TRY11D	11	15	1,8	1,4	1,1	-	1/2"	1200X750X1100	280
TRY15D	15	20	2,25	1,9	1,6	-	3/4"	1500X850X1240	590
TRY16D	15	20	2,6	2,1	1,85	-	3/4"	1500X850X1240	610
TRY18.5D	18,5	25	3,1	2,6	2,2	-	3/4"	1500X850X1240	630
TRY22D	22	30	3,9	3,4	2,8	-	3/4"	1500X850X1240	690
TRY30D	30	40	5,4	4,9	3,7	-	1"	1900X1050X1440	730
TRY37D	37	50	6,5	5,6	4,9	-	1 1/2"	1900X1050X1440	900
TRY45D	45	60	7,9	7,2	6,3	-	1 1/2"	1900X1050X1440	980
TRY55D	55	75	9,8	9,1	7,3	-	1 1/2"	2400X1350X1500	1350
TRY75D	75	100	13,2	11,8	9	-	2"	2400X1350X1770	1750
TRY90D	90	125	16,4	14,2	11,9	-	2"	2400X1350X1770	2080
TRY110D	110	150	19,5	16,1	13,1	-	2"	2850X1500X1950	2800
TRY132D	132	180	23,2	19,5	16	-	2"	3400X1650X2060	3200
TRY160D	160	220	27,5	24,2	20,7	-	3"	3400X1650X2060	3600
TRY200D	200	270	34,5	30,7	24,5	-	3"	3400X2100X2500	5100
TRY250D	250	340	44	37,5	30,6	-	3"	3400X2100X2500	6000
TRY315D	315	430	54,5	43,7	41,5	-	3"	3400X2100X2500	6800

* Free Air Delivery (FAD), According to ISO 1217:2009, Annex C.
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VARIABLE SERIES

High Efficiency, Powerful, Energy Saving...

TRYCOMP, VARIABLE series offer special solutions to companies that have variable compressed air needs.

Conventional air compressors (fixed speed) run load/unload continuously due to the variable compressed air demand. At idle, they consume 30% of their power however they do not deliver any compressed air. VARIABLE series equipped with special drive unit, determines the capacity demand and delivers the compressed air accordingly. Beside extending the lifetime, it provides a saving up to 35% of its energy.

Options

- Water-cooled • -20°C Cold Start • Water Separator • Food Grade Oil
- Different mains voltages • Integrated Energy Recovery System

Standard Equipment

- High efficient screw element • 380V/50Hz/3Ph, IP55 protection • 1:1 Direct Driven (No loss) • Drive system with Star Delta connection • Acoustic canopy and rigid chassis • Oil carry over less than 3 mg/m³ due to special design of vessel and air/oil separator • 3 micron Dry air filter • Electro-pneumatic load/unload controlled inlet valve • PLC controller • Plate & bar type radiator



SCREW AIR COMPRESSOR DIRECT VARIABLE (DVSD SERIES)

Model	Power		Free Air Delivery* m ³ /min			Tank	Connection Size R	Dimensions LxWxH mm	Weight Kg
	kW	Hp	7.5 BAR	10 BAR	13 BAR				
TRY5.5DVSD	5.5	7.5	0.8	0,68	-	-	1/2"	1200X750X1100	260
TRY7.5DVSD	7.5	10	1.2	0,92	0,72	-	1/2"	1200X750X1100	280
TRY11DVSD	11	15	1.8	1,4	1,1	-	1/2"	1200X750X1100	300
TRY15DVSD	15	20	2,25	1,9	1,6	-	3/4"	1500X850X1240	630
TRY16DVSD	15	20	2,6	2,1	1,85	-	3/4"	1500X850X1240	640
TRY18.5DVSD	18,5	25	3,1	2,6	2,2	-	3/4"	1500X850X1240	680
TRY22DVSD	22	30	3,9	3,4	2,8	-	3/4"	1500X850X1240	740
TRY30DVSD	30	40	5,4	4,9	3,7	-	1"	1900X1050X1440	780
TRY37DVSD	37	50	6,5	5,6	4,9	-	1 1/2"	1900X1050X1440	960
TRY45DVSD	45	60	7,9	7,2	6,3	-	1 1/2"	1900X1050X1440	1030
TRY55DVSD	55	75	9,8	9,1	7,3	-	1 1/2"	2400X1350X1500	1420
TRY75DVSD	75	100	13,2	11,8	9	-	2"	2400X1350X1770	1860
TRY90DVSD	90	125	16,4	14,2	11,9	-	2"	2400X1350X1770	2180
TRY110DVSD	110	150	19,5	16,1	13,1	-	2"	2850X1500X1950	2900
TRY132DVSD	132	180	23,2	19,5	16	-	2"	3400X1650X2060	3300
TRY160DVSD	160	220	27,5	24,2	20,7	-	3"	3400X1650X2060	3800
TRY200DVSD	200	270	34,5	30,7	24,5	-	3"	3400X2100X2500	5300
TRY250DVSD	250	340	44	37,5	30,6	-	3"	3400X2100X2500	6300
TRY315DVSD	315	430	54,5	43,7	41,5	-	3"	3400X2100X2500	7200

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Why TRYCOMP Variable Speed Drive Air Compressors

THE ADVANTAGES Soft Start - Stop

During the star-delta starting of the electric motor, the over current drawn in the star period and all electro-mechanical losses and risks associated with it; soft start and with the possibility of stopping. The efficient service life of the compressor and its components are extended

Constant Pressure

Standard compressors at the targeted pressure work at idle, when the pressure reaches the lower value it turns into load mode again. As a result, the pressure of the air used is changing between the upper and lower values, constantly. VARIABLE series variable speed drive air compressors stay at the targeted constant pressure by adjusting the speed of the motor.

Economical Running

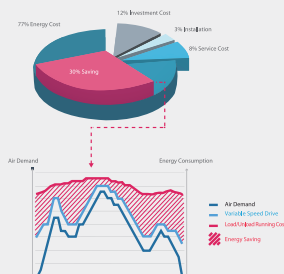
Standard compressors continue to work by consuming an average power of 35-50% comparing to working at load. The compressor does not deliver compressed air, but continue energy consumption (uses electricity, rolling bearings, oil circulating, belts working, etc) VARIABLE series do not idle in use within the capacity range. All work-related values remain in balance. The compressor produces only as demand, the energy is consumed accordingly.

In fixed speed air compressors, during load/unload conditions the circuit elements and mechanical construction of it starts wearing. In variable speed driven unit, there will not be any wear due to the balance of capacity and motor speed.

Since the pressure fluctuation is minimized, all the components you use in the pressure line (joints, fittings, tanks and devices using compressed air) it becomes long lasting.

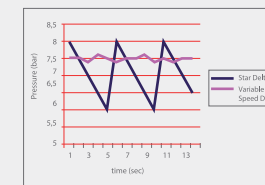
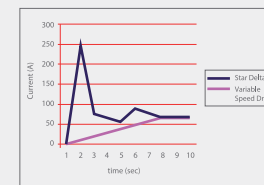
While the motors used in fixed speed air compressors compressors are running, they continue to consume resources with reactive power that needs to be compensated in addition to active power.

The inverter does not reflect the $\cos \phi$ value of the motor to your power line. $\cos \phi = 1$ Considering that 40% of the installed power in the company is used by electric motors; thanks to the variable speed drive; The reactive power cost you pay for will decrease.



The most effective way for Energy Saving; Variable Speed Drive...

The cost of electrical energy is one of the factors that directly affect the production cost. The operation cost of the compressor over a period of 5 years is 70% of the total operation of enterprises. This is why reduction in cost of the compressed air system today is an important focus. TRYCOMP offers highly efficient and energy saving solutions to provide you the lowest cost of energy. TRYCOMP VARIABLE series provide you a saving in your energy consumption up to 35%





OPTIONAL EQUIPMENTS

External Inverter Board

MODULAR INVERTER SYSTEM TO PROVIDE "ENERGY SAVING" " FOR YOUR EXISTING AIR COMPRESSORS

You can save up to 30% energy With its modular structure, we can apply to your existing fixed speed compressor With the application of the external inverter board to your existing fixed speed compressor, your compressor will be under control of the new system.

Your unit will work like a variable speed driven air compressors. Same advantages (soft start-stop constant pressure, economic operating conditions, etc.) of it will be provided.

Energy Recovery System

As a result of compression, the air in the compressor is loaded with an energy potential. This amount of energy is expanded at the point of use of compressed air and released by heat removal
You can save up to 94% of Energy Consumed

The energy generated in the compressor that can be used as heat (72% loss in cooling Oil Injected Air Compressors, 13% in compressed air, up to 9% electro drive occurs as the heat loss of the engine)
A completely closed circuit, the loss of energy in cooling can be gained back. The energy losses can be recovered up to 94% of the energy used for the total compressor as heat.

Automatic Drain System

Automatic drains are electrical systems that automatically discharge the water generated without any human assistance. Due to the condensation of the certain amount of moisture presents in air, in compressed air system and air tanks water comes out. Normally this should be drained manually everyday. Automatic drain system gains you time beside energy saving by the sensors warns and activates discharging.

Multiple Control System

By TRYCOMP multiple control system, it is possible to operate 4 compressors used in the plant with a single system. Energy saving, equal aging or sequential operation can be realized. According to the change in compressed air requirement, the compressors can run rotationally, the production breaks will be prevented and at the same time an effective energy saving will also be achieved.

Cold Start Option allows you to work at -20°C

In cold weather conditions, against freezing of the compressor oil, to prevent the screw block from possible damages at start and at the same time, heating oil circulation system for quick loading, ceramic heating system with steel body is available in TRYCOMP

CAS - Capacity Analysis System

A reliable analysis system to determine the compressed air requirement in your business; Mayercomp Flow Scope...
It is an advanced compressor monitoring software package that can be used with an automation system. The system measures air flow, temperature and pressure at the same time. It records all data continuously during 7 days in real time or with a data logger. Afterwards, a report will be provided to the customer to observe the need and consumption.

AFTER SALES SERVICES

Service and Maintenance

It is provided by our in-house service team and authorized services. Our experienced service teams are periodically subjected to theoretical and practical training. Their competencies are constantly measured and developed. Professional, quality, timely service with reasonable price policy in "After Sales Services" is one of our most important advantages. Our most important target in Service; Exceeding the expectations of our valued customers.

Genuine Spare Parts

You can contact and benefit from the original spare parts service at our company's local service center. By using original spare parts: both your air compressor and equipment are healthy and ensure its long life, also you do not experience the high cost of inefficiency of poor quality non-qualified spares.

Service Contracts

In order to ensure efficient working after the warranty period, you can gain the advantages of our option through "service contracts" This advantage that combines affordable price conditions with long-term care, will extend your air compressors lifetime. It will be in the safe hands of the manufacturer.

INSTALLATION PROPOSAL

