

A black and white photograph of an industrial facility, likely a power plant or refinery. In the background, several large, vertical air compressors are visible, each with a platform and a large circular access door. The number '2' is visible on the rightmost compressor, and '4' and '5' are visible on the others. In the foreground, there is a complex network of pipes, valves, and structural steel. The overall scene is industrial and complex.

**Wherever You Need
Compressed Air**

ESCOMP



Wherever You Need Compressed Air



Environment-friendly since its inception



ESCOMP

We need to be more technological, insightful, sophisticated, modern and more innovative compared to the past, in order to maintain a fair commercial stance at the stage where our world stands through the internet revolution subsequent to industrialisation.

In this course being followed with the working discipline, morality and broad vision handed down, we always worked by carrying our goals a step forward since 1983. We always endeavoured to manage producing and developing better, economical and more robust products. Today, it honours and makes us proud having happy customers and products representing us all over the world.

We will proceed on getting over in line with our principles, without losing our faithfulness and respect to the nature and with the faith in the superior power of labour; reaching a lot more points with a higher quality service ever and without sacrificing the quality of our products; and with this point of view being the greeter of the future instead of being the expecter..



ROTARY SCREW COMPRESSORS

SMART Series

- 4kW – 30kW
- Belt Driven
- Spin On Separator
- Compact Screw Compressors

STRONG Series

- 22kW – 250kW
- Belt Driven Screw Compressors

GREENLINE Series

- 22kW - 250kW
- Direct Driven Screw Compressors

SAVE Series

- 7.5kW – 250kW
- Variable Speed
- Direct Driven Screw Compressors

SMART Series



High Efficient, Compact, Durable, Silent...

ESCOMP offers an efficient, silent, user friendly, easy-to-use compressed air solutions to its customers with SMART Series compressors.

Each parts of SMART Series screw compressors are being produced and assembled within international quality standards, and which have been designed to meet compressed air needs of small and medium sized enterprises and in a manner to have nonstop operation characteristics in different application areas.

Standard Features

- High efficient screw block • 380-400V/50Hz/3Ph, IP55 , IE2 main motor • Plate & Bar type combi cooler • Belt - pulley drive system • PolyV belt with 25.000 hours operating lifetime • Demountable acoustic canopy and rigid base frame • $\leq 3\text{mg/m}^3$ oil density with three-stage air/oil separator and tank • Dry-type air intake filter at 3 micron resolution • Electropneumatic load-unload controlled suction valve • Motor drive system with star-delta connection • PLC control panel • Factory filled oil with 4000 working hours lifecycle

Optional Features

- Water cooling system (ESC S15 - S30) • -40°C cold start option • Water Separator (ESC S15 - S30) • Food grade oil • IE3 energy class main motor • Versions with air receiver only and air-receiver-air dryer (Combi) (ESC S4-S15) • Power grid options other than 380V/3 phase/50Hz



Screw Compressors - Belt/Pulley Drive System (4kW - 30kW)

Model	Max. Pressure Bar	Capacity* m³/min	Motor Power kW-Hp	Connection R	Dimensions L x W x H	Weight Kg	Sound Press. Level ** dB(A)
ESC S4	7.5 - 10 - 13	0,59 - 0,49 - 0,42	4 - 5,5	½"	850 x 550 x 785	145	72
ESC S5	7.5 - 10 - 13	0,82 - 0,67 - 0,56	5,5 - 7,5	½"	850 x 550 x 785	152	72
ESC S7	7.5 - 10 - 13	1,10 - 0,95 - 0,75	7,5 - 10	½"	1040 x 800 x 950	245	72
ESC S11	7.5 - 10 - 13	1,70 - 1,35 - 1,10	11 - 15	¾"	1040 x 800 x 950	255	72
ESC S15	7.5 - 10 - 13	2,60 - 2,20 - 1,90	15 - 20	¾"	1040 x 800 x 950	300	72
ESC S18	7.5 - 10 - 13	3,10 - 2,70 - 2,30	18,5 - 25	1"	1100 x 900 x 1200	400	72
ESC S22	7.5 - 10 - 13	3,80 - 3,20 - 2,90	22 - 30	1"	1100 x 900 x 1200	440	74
ESC S30	7.5 - 10 - 13	5,20 - 4,40 - 4,10	30 - 40	1"	1100 x 900 x 1200	550	74



Tank Mounted Compressors "R" / Combi Compressors "RD"

Model	Dimensions L x W x H mm	Weight R - RD Kg	Tank Volume lt
ESC 4 R / RD ESC 5 R / RD	1765 X 550 X 1286	270 - 310 280 - 330	300
ESC 7 R / RD ESC 11 R / RD ESC 15 R / RD	1970 X 800 X 1624	400 - 460 415 - 475 455 - 520	500

* Refers free air delivery measured according to ISO1217:2009, Annex.C

Values are recorded in reference conditions which are 1 bar absolute pressure, 0% relative humidity, 20°C air inlet temperature and 71°C thermostatic valve set temperature.

**Refers to sound pressure level measured according to ISO2151:2004 and ISO 9614/2 with ±3 dB(A) tolerance. ESCOMP reserves its rights to make changes in its products and specifications without prior notice.

STRONG Series



High Efficient, Durable, Reliable...

ESCOMP Strong series screw compressors are designed for meeting compressed air needs of medium and large scale enterprises.

Strong, compact, easy-to-install, maintenance friendly, highly efficient Strong series compressors designed base on quality and robustness. Each parts of Strong series compressors are being produced and assembled within international quality standards, and its provide smooth operation to the enterprises' processes even under the hardest working conditions, in virtue of its robust design.

Standard Features

- High efficient screw block • 380-400V/50Hz/3Ph, IP55 , IE2 main motor • Belt - pulley drive system
- PolyV belt with 25.000 hours operating lifetime • Monoblock acoustic canopy and rigid base frame
- $\leq 3\text{mg/m}^3$ oil density with three-stage air/oil separator and tank • Dry-type air intake filter at 3 micron resolution • Electropneumatic load-unload controlled suction valve • Motor drive system with star-delta connection • PLC control panel • Plate & Bar type combi cooler • Factory filled oil with 4000 working hours lifecycle

Optional Features

- Water cooling system • -40°C cold start option • Water Separator • Food Grade oil • IE3 energy class main motor • Power grid options other than 380V/3 phase/50Hz • Heat recovery with air+ water cooling system



Screw Compressors - Belt/Pulley Drive System (22kW - 250kW)

Model	Max. Pressure Bar	Capacity* m³/min	Motor Power kW-Hp	Connection R	Dimensions W x L x H	Weight Kg	Sound Press. Level** dB(A)
ESC 22	7.5 - 10 - 13	3,80 - 3,20 - 2,90	22 - 30	1"	900 x 1200 x 1480	525	74
ESC 30	7.5 - 10 - 13	5,20 - 4,40 - 4,10	30 - 40	1"	900 x 1200 x 1480	680	74
ESC 37	7.5 - 10 - 13	6,30 - 5,60 - 5,20	37 - 50	1 1/4"	1100 x 1300 x 1720	765	74
ESC 45	7.5 - 10 - 13	7,20 - 6,40 - 5,90	45 - 60	1 1/2"	1100 x 1300 x 1720	900	74
ESC 45B	7.5 - 10 - 13	8,10 - 7,10 - 6,40	45 - 60	1 1/2"	1100 x 1300 x 1720	950	74
ESC 55	7.5 - 10 - 13	9,80 - 8,60 - 8,00	55 - 75	1 1/2"	1100 x 1550 x 1720	1200	75
ESC 75	7.5 - 10 - 13	12,60 - 11,20 - 9,40	75 - 100	2"	1400 x 1700 x 1950	1750	76
ESC 75B	7.5 - 10 - 13	13,80 - 12,10 - 10,80	75 - 100	2"	1400 x 1700 x 1950	2100	76
ESC 90	7.5 - 10 - 13	15,80 - 13,10 - 12,00	90 - 125	2"	1400 x 1700 x 1950	2150	76
ESC 110	7.5 - 10 - 13	18,70 - 16,40 - 14,50	110 - 150	2"	1500 x 2100 x 1950	2450	77
ESC 110B	7.5 - 10 - 13	19,50 - 16,80 - 14,70	110 - 150	2"	1500 x 2100 x 1950	2650	77
ESC 132	7.5 - 10 - 13	23,10 - 20,50 - 16,20	132 - 180	2 1/2"	1900 x 2500 x 1950	3500	78
ESC 160	7.5 - 10 - 13	27,80 - 23,60 - 19,70	160 - 220	2 1/2"	1900 x 2500 x 1950	3550	78
ESC 200	7.5 - 10 - 13	35,50 - 29,40 - 23,60	200 - 270	2 1/2"	2400 x 3050 x 2500	5150	79
ESC 250	7.5 - 10 - 13	43,80 - 36,50 - 28,20	250 - 340	2 1/2"	2400 x 3050 x 2500	5800	80



* Refers free air delivery measured according to ISO1217:2009, Annex.C

Values are recorded in reference conditions which are 1 bar absolute pressure, 0% relative humidity, 20°C air inlet temperature and 71°C thermostatic valve set temperature.

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GREENLINE Series



Strong, High Efficient, User-Friendly...

ESCOMP GreenLine series screw compressors are designed for meeting compressed air needs of medium and large scale enterprises.

Strong, compact, easy-to-install, maintenance friendly, highly efficient GreenLine Series compressors designed base on quality and robustness. Each parts of GreenLine Series compressors are being produced and assembled within international quality standards, and its provide smooth operation to the enterprises' processes even under the hardest working conditions, in virtue of their robust designs.

Standard Features

- High efficient screw block • 380-400V/50Hz/3Ph, IP55, IE2 main motor • Direct coupling drive system
- Motor drive system with star-delta connection • Monoblock acoustic canopy and rigid base frame
- $\leq 3\text{mg/m}^3$ oil density with three-stage air/oil separator and tank • Dry-type air intake filter at 3 micron resolution • Electropneumatic load-unload controlled suction valve • PLC controller • Plate & bar type combi cooler • Factory-filled oil with 4000 hours working lifecycle

Optional Features

- Water cooling system • -40°C cold start option • Water Separator • Food Grade oil • IE3 energy class main motor • Power grid options other than 380V/3 phase/50Hz • Heat recovery with air+water cooling system



Screw Compressors - Direct Drive System (22kW - 250kW)

Model	Pressure Bar	Capacity* m³/min	Motor Power kW-Hp	Connection R	Dimensions L x W x H - mm	Weight Kg	Sound Press. Level ** dB(A)
ESC 22D	7.5 - 10	3,80 - 3,20	22 - 30	1"	1500 x 850 x 1240	630	74
ESC 30D	7.5 - 10	5,20 - 4,40	30 - 40	1"	1500 x 850 x 1240	780	74
ESC 37D	7.5 - 10	6,30 - 5,60	37 - 50	1 1/4"	1900 x 1050 x 1440	910	74
ESC 45D	7.5 - 10	7,20 - 6,40	45 - 60	1 1/2"	1900 x 1050 x 1440	1080	74
ESC 45B D	7.5 - 10	8,10 - 7,10	45 - 60	1 1/2"	1900 x 1050 x 1440	1110	74
ESC 55D	7.5 - 10	9,80 - 8,60	55 - 75	1 1/2"	2400 x 1300 x 1500	1680	75
ESC 75D	7.5 - 10	12,60 - 11,20	75 - 100	2"	2400 x 1300 x 1770	1780	76
ESC 75B D	7.5 - 10	13,80 - 12,10	75 - 100	2"	2400 x 1300 x 1770	1800	76
ESC 90 D	7.5 - 10	15,80 - 13,10	90 - 125	2"	2400 x 1300 x 1770	2080	76
ESC 110 D	7.5 - 10	18,70 - 16,40	110 - 150	2"	2850 x 1500 x 1950	2880	77
ESC 110B D	7.5 - 10	19,50 - 16,80	110 - 150	2"	2850 x 1500 x 1950	2930	77
ESC 132 D	7.5 - 10	23,10 - 20,50	132 - 180	2 1/2"	3400 x 1650 x 2060	3680	78
ESC 160 D	7.5 - 10	27,80 - 23,60	160 - 220	2 1/2"	3400 x 1650 x 2060	3880	78
ESC 200 D	7.5 - 10	35,50 - 29,40	200 - 270	2 1/2"	4000 x 2100 x 2460	5670	79
ESC 250 D	7.5 - 10	43,80 - 36,50	250 - 340	2 1/2"	4000 x 2100 x 2460	6070	80



* Refers free air delivery measured according to ISO1217:2009, Annex.C

Values are recorded in reference conditions which are 1 bar absolute pressure, 0% relative humidity, 20°C air inlet temperature and 71°C thermostatic valve set temperature.

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SAVE Series



High Efficient, Durable, Energy Saving...

ESCOMP Save Series screw compressors offer special solutions to enterprises whose compressed air needs are variable.

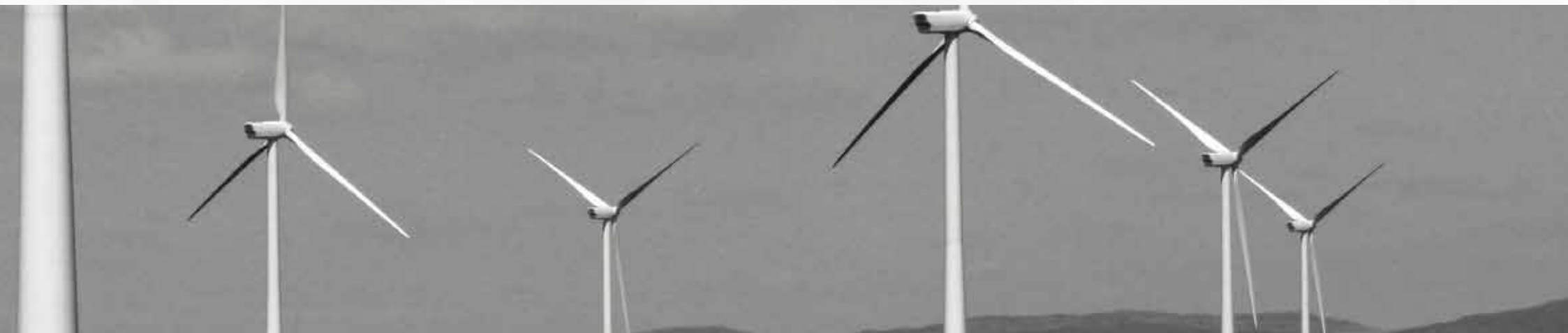
Variable compressed air need causes nonstop load-unload operation of the standard (fix-speed) compressors. Although the standard compressors do not generate air during unload position, they consume energy up to 30% of the full power. By means of the frequency inverter inside, the Save Series capacity controlled screw air compressors enable generating air as much as the enterprise needs, and beside acting a part in prolonging operating life of the compressor they provide energy saving up to 35%.

Standard Features

- High efficient screw block • 380-400V/50Hz/3Ph, IP55, IE2 main motor suitable for inverter application
- Heavy duty inverter • 1:1 Direct drive system • Monoblock acoustic canopy and rigid base frame
- $\leq 3\text{mg/m}^3$ oil density with three-stage air/oil separator and tank • Dry-type air intake filter at 3 micron resolution • Electropneumatic load-unload controlled suction valve • PLC controller • Plate & bar type combi cooler • Factory-filled oil with 4000 hours working lifecycle

Optional Features

- Water cooling system • -40°C cold start option • Water Separator • Food grade oil • IE3 energy class main motor • Power grid options other than 380V/3 phase/50Hz • Heat recovery with air+water cooling system



Variable Speed Screw Compressors - Direct Drive System (7.5kW - 250kW)

Model	Max. Pressure Bar	Capacity* m ³ / min	Motor Power kW - Hp	Connection R	Dimensions W x L x H- mm	Weight Kg	Sound Press. Level dB(A)
ESC 7 VSD***	7.5 - 10 - 13	1,10 - 0,95 - 0,75	7,5 - 10	1/2"	1150 x 800 x 950	270	74
ESC 11 VSD***	7.5 - 10 - 13	1,70 - 1,35 - 1,10	11 - 15	3/4"	1150 x 800 x 950	280	74
ESC 15 VSD	7.5 - 10 - 13	2,60 - 2,20 - 1,90	15 - 20	3/4"	1150 x 800 x 950	500	74
ESC 18 VSD	7.5 - 10 - 13	3,10 - 2,70 - 2,30	18,5 - 25	1"	1500 x 850 x 1240	610	74
ESC 22 VSD	7.5 - 10 - 13	3,80 - 3,20 - 2,90	22 - 30	1"	1500 x 850 x 1240	650	74
ESC 30 VSD	7.5 - 10 - 13	5,20 - 4,40 - 4,10	30 - 40	1"	1500 x 850 x 1240	800	75
ESC 37 VSD	7.5 - 10 - 13	6,30 - 5,60 / - 5,20	37 - 50	1 1/4"	1900 x 1050 x 1440	930	76
ESC 45 VSD	7.5 - 10 - 13	7,20 - 6,40 - 5,90	45 - 60	1 1/2"	1900 x 1050 x 1440	1100	78
ESC 45B VSD	7.5 - 10 - 13	8,10 - 7,10 - 6,40	45 - 60	1 1/2"	1900 x 1050 x 1440	1130	77
ESC 55 VSD	7.5 - 10 - 13	9,80 - 8,60 - 8,00	55 - 75	1 1/2"	2400 x 1300 x 1500	1700	78
ESC 75 VSD	7.5 - 10 - 13	12,60 - 11,20 - 9,40	75 - 100	2"	2400 x 1300 x 1770	1800	79
ESC 75B VSD	7.5 - 10 - 13	13,80 - 12,10 - 10,80	75 - 100	2"	2400 x 1300 x 1770	1830	78
ESC 90 VSD	7.5 - 10 - 13	15,80 - 13,10 - 12,00	90 - 125	2"	2400 x 1300 x 1770	2100	79
ESC 110 VSD	7.5 - 10 - 13	18,70 - 16,40 - 14,50	110 - 150	2"	2850 x 1500 x 1950	2900	79
ESC 110B VSD	7.5 - 10 - 13	19,50 - 16,80 - 14,70	110 - 150	2"	2850 x 1500 x 1950	2950	78
ESC 132 VSD	7.5 - 10 - 13	23,10 - 20,50 - 16,20	132 - 180	2 1/2"	3400 x 1650 x 2060	3700	78
ESC 160 VSD	7.5 - 10 - 13	27,80 - 23,60 - 19,70	160 - 220	2 1/2"	3400 x 1650 x 2060	3900	79
ESC 200 VSD	7.5 - 10 - 13	35,50 - 29,40 - 23,60	200 - 270	2 1/2"	4000 x 2100 x 2460	5700	78
ESC 250 VSD	7.5 - 10 - 13	43,30 - 36,50 - 28,20	250 - 340	2 1/2"	4000 x 2100 x 2460	6100	79



* Refers free air delivery measured according to ISO1217:2009, Annex.C
Values are recorded in reference conditions which are 1 bar absolute pressure, 0% relative humidity, 20°C air inlet temperature and 71°C thermostatic valve set temperature.

**Refers to sound pressure level measured according to ISO2151:2004 and ISO 9614/2 with ± 3 dB(A) tolerance.

*** ESC S7 VSD & ESC S11 VSD can be produced as belt driven only..

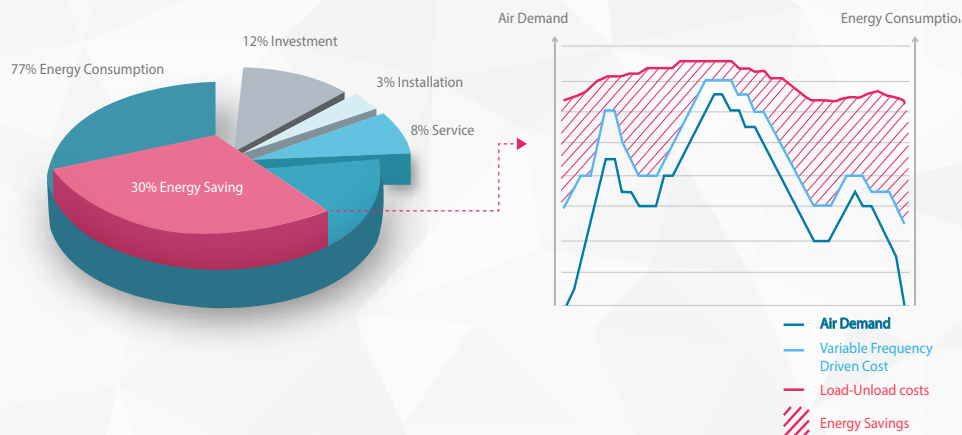
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Why **ESCOMP** Variable Speed Compressors ?

Variable speed: the most efficient way ...

The cost of electrical energy has a direct impact on the profitability of your operation and represents about 70% of the total operating cost of your compressor over a 5 year period. That is why reducing the operating cost of a compressed air solution is a major focus.

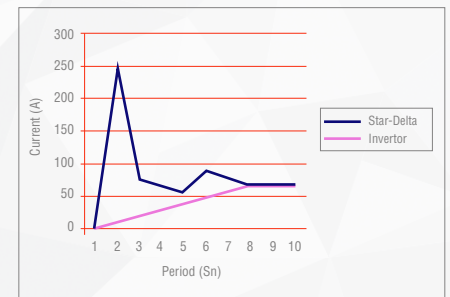
To provide you the lowest energy cost we have developed high efficiency solutions. The Save Series variable speed compressors can cut the energy bill of your compressor by up to 30%. These savings can be as much as 30% and can result in a return on investment of less than 2 years.



Advantages of the Variable Speed Compressors

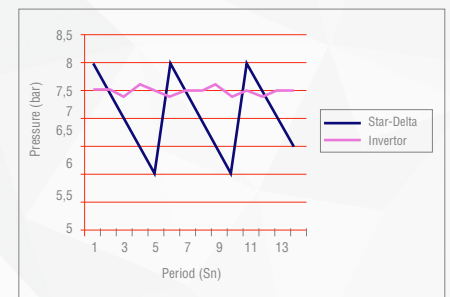
Soft Start - Stop

Electro-mechanical losses, risks and overcurrent drawn during the star-delta of the electrical motor are eliminated with the soft start-stop feature of inverter. As a result the lifetime of the compressor is extended.



Constant Pressure

Standard compressors switch to idle operation when it reaches the max set pressure and switch to load position when it reaches the min set pressure. Consequently pressure of the compressed air varies between upper and lower values. Save Series inverter driven compressors provide constant pressure by adjusting speed of the motor according to compressed air demand.





Economical Working Advantages

Although the standard compressors do not generate air during the idling position, they continue to consume energy up to 30% to 50%.

Save Series capacity controlled compressors do not switch to idling position during the usage of the capacity range. All the values related to operation remains balanced. The Save Series compressors produce air according to compressed air demand of the system and use energy as only according to its compressed air production.

Load - unload transitions cause wear to circuit elements and mechanical construction of the standard compressors. Save Series VSD compressors minimize this problem, inverter act smoothly while adjusting the engine speed according to capacity.

Lifetime of all the components used in compressed air line are extended by minimizing pressure fluctuations with Save Series VSD compressors.

Standard compressor's motors consume resources that should be compensated reactive power as well as active power. Inverter does not reflect the $\cos\phi$ value to the electric line. Save Series compressors eliminate the cost paid for reactive power.

Accurate and environmentally friendly solutions for attack, efficient and high-energy companies.



High efficient, heavy-duty, IE2 energy class, IP55 motor provides trouble-free and high efficiency power transmission



Electric panel, where world class quality product offering brands are preferred in its design, and equipped with all kind of safety system



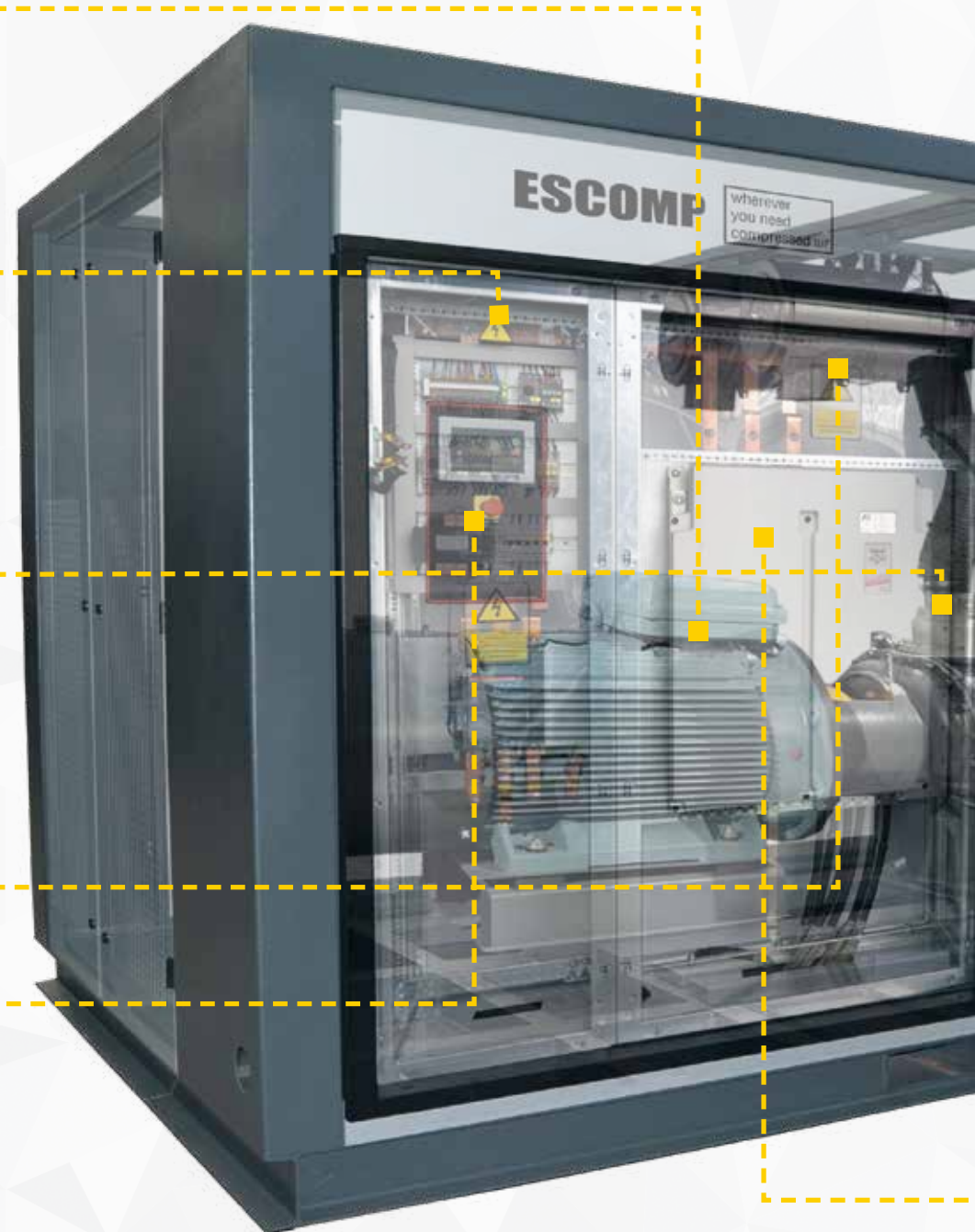
Electropneumatic load-unload controlled suction valve promising low pressure drop and high performance; offering safe operation performance up to 8000 hours; and providing maintainability with its lean design

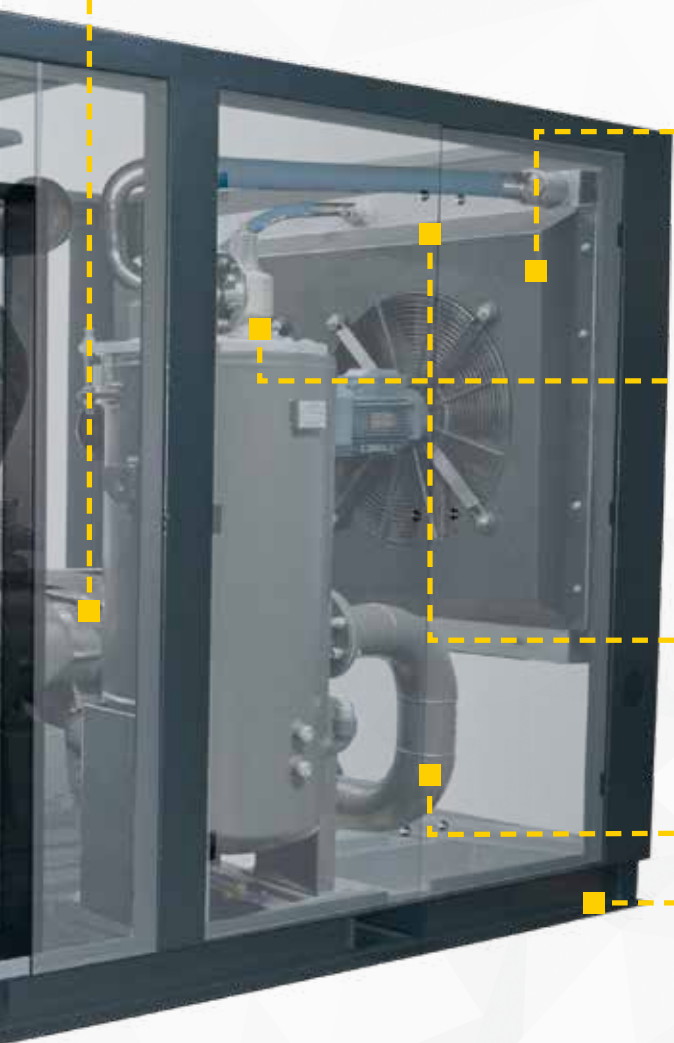


Dry-type air intake filter at 3 micron resolution



LCD control panel indicating operational and service functions in the way that users from every level of experience can easily understand





New generation rotary screw blocks, designed with latest technological tools and manufactured using high-end manufacturing techniques, provide high efficiency, durability and low energy consumption with new rotor profile and lobe combination.



Plate/Bar type aluminium combi cooler with axial fan system, providing effective cooling and smooth operation under any working condition



Three-stage air/oil separator and tank providing effective separation in lower volume through its deep-bedded interlocked separation levels, and offering oil density less than 3mg/m^3 (after separation)



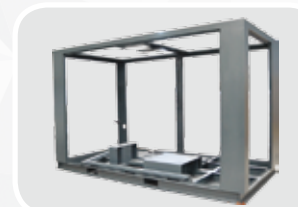
Smooth and high-flow air-oil circulation through hoses resistant to high pressure and temperature and specially designed for compressed air applications



Non-flammable canopy coating minimising sound level



Monoblock acoustic canopy and rigid base plate eliminate vibration and its consequences. Ease of service with the demountable service covers offering easy access to each point of the compressor.



Heavy-duty inverter





PISTON COMPRESSORS

Single Stage Piston Compressors

- 1,5kW – 7,5kW
- Max. Working Pressure 9 Bar

Booster Compressors

- 15kW - 22kW
- Max Working Pressure 40 Bar

Single Stage Piston Compressors



ESCOMP Piston compressors are designed to offer economical solutions to compressed air needs of the small and medium-sized enterprises .

ESCOMP Piston Compressors are designed to operate successfully at different application fields and its provide high performance operation for any applicatio.



Motor and Safety System

- IP 55, F class electric motor
- Pressure switch
- Non-return valve
- Belt-wheel guard
- Safety valve
- Manometer
- Ready to operate electrical device

Compressor Block

- Aluminium injection cylinder head
- Special alloy aluminium pistons
- Special alloy aluminium piston rod
- Specially designed valve system
- Air intake filters
- Splash type lubrication system
- Air intake filters
- Oil level indicator
- Factory filled oil

Air Tank

- Designed in accordance with CE guidelines
- P235GH / P265GH steel material
- Manual drain valve
- Air discharge valve
- Electrostatic powder coating



Single Stage Piston Compressors

Model	Tank Volume Liter	Capacity* l/min	Motor Power kW-Hp	Max Working Pressure Bar	Number Of Cylinder	Dimensions (mm) L x W x H - mm	Weight kg
EPC 2 / 100	100	262	1.5 / 2	9	2	1100 x 480 x 860	69
EPC 2 / 100M	100	262	1.5 / 2	9	2	1100 x 480 x 860	69
EPC 2 / 150	150	270	1.5 / 2	9	2	1300 x 480 x 900	73
EPC 2 / 150M	150	270	1.5 / 2	9	2	1300 x 480 x 900	73
EPC 3 / 200	200	373	2.2 / 3	9	2	1300 x 580 x 960	105
EPC 2 / 200M	200	336	1.5 / 2	9	2	1300 x 580 x 960	105
EPC 4 / 300	300	485	3 / 4	9	2	1600 x 500 x 1000	170
EPC 4 / 300M*	300	485	3 / 4	9	2	1600 x 500 x 1000	170
EPC 5,5 / 300*	300	500	4 / 5.5	9	2	1600 x 500 x 1000	175
EPC 2*4 / 400*	400	970	2x3 / 2x4	9	4	1600 x 670 x 1300	225
EPC 2*4 / 500*	500	970	2x3 / 2x4	9	4	2000 x 700 x 1350	265
EPC 2*4 / 500M*	500	970	2x3 / 2x4	9	4	2000 x 700 x 1350	265



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Booster Compressors



Through Booster air compressors, ESCOMP offers efficient and economical solutions, with 7.5 Bar, 10 Bar and 13 Bar inlet pressure options and 40 Bar air outlet pressure. Provides uninterrupted air to the other sectors as well as plastic bottle and food industry, under most difficult conditions, with continuous operation by the combination connection.

Sectors

- PET Bottle Filling Sector
- Industrial Applications
- Gas Filling Facilities
- Test Equipments
- High Voltage Circuit Breakers



Standard Features

- Single stage, 7,5/10/13 Bar inlet pressure options
- 40 Bar outlet pressure
- V-belt-pulley drive system
- Tensioning system providing easy pulley tension adjustment
- Low operation cycles
- Solid cast block, cylinder and crank shaft made of EN GJS 600-3 sphero materials/nodular cast iron
- Effective cooling and lubrication system
- Ball valves (with actuators) controlling air flow at air inlet and outlet, and blow-off/discharge valve for off-load
- Needle bearing hinge-crank bedding
- F isolated, IP55 protected, IE2 rank asynchronous electric motor
- Electric panel complying with CE directive and standards
- Microprocessor control unit and emergency stop button
- LCD display, displaying on-position/operating condition, pressure and temperature, maintenance periods of the compressor as well as the faults

- High pressure safety valve
 - Low pressure switch
 - Mini valve, integrated to the block/body, providing easy discharge of the compressor lubricant
 - Lubricant sight glass integrated to the compressor head
 - Microprocessor control unit
- Relief valve protecting the system against overpressure, where compressor operating pressure is regulated at +1 bar
- Cabinet designed according to the optimum operating conditions
 - Rubber insulators which minimise vibration or any problem which may arise from vibration
 - Non-flammable foam rubber coating providing sound insulation
 - Maintainability with cabin covers furnished with an on/off push button locking system
 - Valves with Pneumatic actuators positioned at the entrance and exit of the compressor air flow system (including air conditioner)
 - Temperature sensor

Model	Intake Pressure bar(g)	Capacity * m³ / min	Max. Pressure bar(g)	Connection inch	Motor Power kW Hp		Compressor Speed rpm	Dimensions (mm) L x W x H	Weight kg
Booster 15	7,5	2,55	40	1/2"	15	20	650	1500 x 900 x 900	590
	10	3,30							
	13	4,20							
Booster 22	7,5	3,82	40	1/2"	22	30	650	1500 x 900 x 900	630
	10	4,95							
	13	6,30							



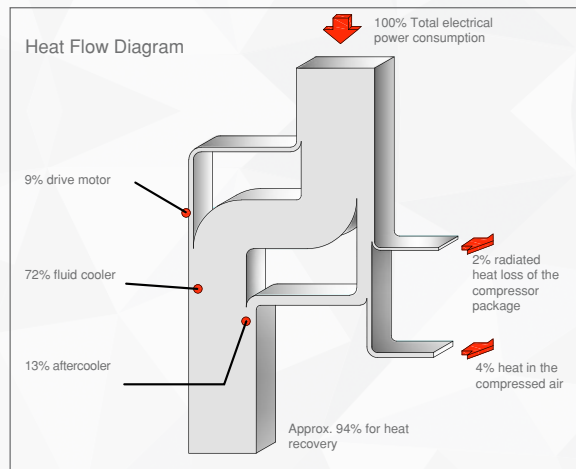
Optional Equipments

External Invertor Module

MODULER INVERTOR SYSTEM FOR ENERGY SAVING FROM THE EXISTING COMPRESSOR SYSTEM

The external inverter module would be applied to your existing compressor and it provides energy saving up to 30%.

The system will have same advantages with variable speed compressors such as ; soft start-stop, constant pressure, economic working conditions etc.



Heat Recovery System

When the air is compressed, heat is formed. The excess heat can be captured with an energy recovery option and channelled to other applications allowing you to save energy and cut costs.

Energy is created by the compressor in the form of heat. This energy can be recuperated in different ways usable for industrial applications, such as: space heating, pre-heating feed water for steam boilers, etc.

Heating with warm air ;

The warmed compressor cooling air can be used to heat up your premises: with a simple ducting, the warm air can be directed to where it is needed (workshops, warehouses, etc.). This solution allows to recover up to 95% of the energy input of the compressor.

Heat exchanger system;

The energy recovery option integrates a built-in heat exchanger on the oil circuit, which heats up the continuously pressurized water flow. The system is thermostatically controlled and the performance of the compressor is not influenced at any time. The energy recovery option is a simple and very compact mechanical system that requires no maintenance or electricity consumption, but offers you significant reductions in your energy costs



| Automatic Drain System

Air compressors regularly produce water, due to the compression process. Proper removal of this moisture, prior to entering the plant air system, is essential in preventing costly damage to dryers, air tools, gauges and other critical components.

ESCOMP automatic condensate drains are designed to ensure that manufacturing processes and products do not become contaminated by ensuring that liquid oil and water condensations are discharged from the compressed air stream. Automatic condensate drains can eliminate daily man-hours that are required to walk the factory and manually drain air lines and equipment. They can also prevent the receiver tank from filling up with condensate and causing the compressor to short cycle.

| -40°C Cold Start Option

In winter time and in cold environments compressor oil has a higher viscosity and therefore cannot produce adequate levels of lubrication during start up. Because of this, screws can wear and fail easily. To overcome this situation ESCOMP offers heating system for the air compressors. This is not a heater only for oil tank. It is also including heating of all oil circulations system and heating screw block of the compressor. This keeps the oil at a temperature that makes start ups during cold periods effective, without any failure or risk of damage to the screws. The cold start option is available for all models.

| Multi-Controller System

It is possible to control 4 compressors with a single microprocessor depending on the compressed air needs of the facility. Energy savings or equal aging can be carried out. With the compressor entering into operation alternately according to the compressed air needs of the facility, just as production stoppages are presented, effective energy savings are also made.

| Capacity Analysis System

The VPFlowScope measures mass flow, temperature and pressure simultaneously. It's the ultimate compressed air audit tool, used by leading auditors worldwide. The bright blue LCD display provides real-time information and with the built-in data logger, you can make recordings for a certain period of time. VPStudio software can be used for real-time measurements to process data and to print reports.

Compressed Air Equipments



Refrigerated Dryers

Max. 16 Bar
23 m³/h - 12500 m³/h



High Pressure Compressed Air Dryers

Max. 40 Bar
33 m³/h - 2932 m³/h



Desiccant Dryers
130 m³/h - 10800 m³/h



Moduler Desiccant Dryers
5 m³/h - 400 m³/h



Compressed Air Filters
25 m³/h - 30.000 m³/h

After-Sales Services



General Maintenance and Services

General maintenance and services are accomplished by our service technicians and authorized distributors. Our experienced service team is periodically train in theory and practice to meet high standards. Providing best service with high-quality and professional service team are one of our key advantages. We continuously develop our service capabilities to reach and go beyond our customer's expectations.

Maintenance Agreement

We invite to use "Maintenance Agreement option" to continue to make your compressed air system works efficiently after the warranty period of compressors and equipments.

Genuine Spare Parts

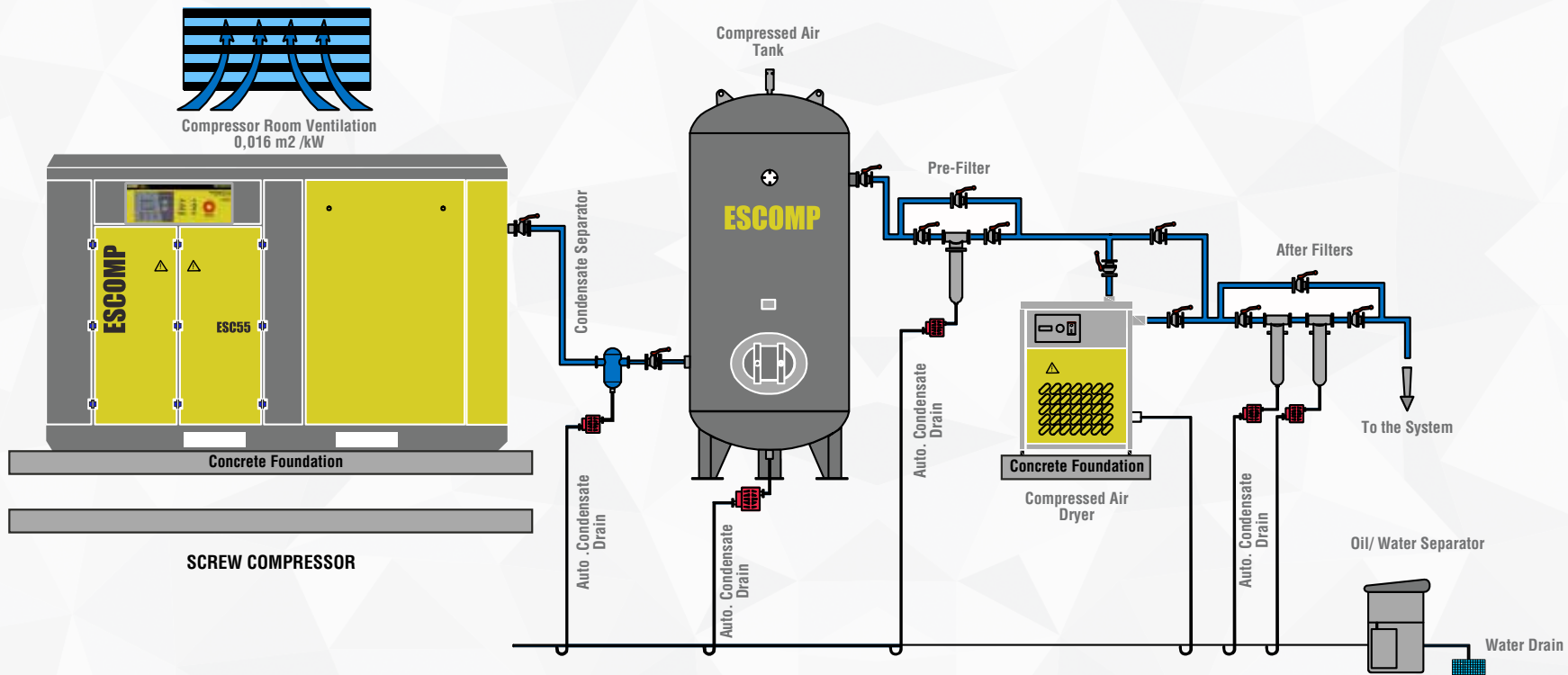
Keep your compressor and equipments free of trouble by using ESCOMP genuine spare parts. This will keep you away from low performance and high hidden costs.



After-Sales Service



Sample Compressed Air Installation Scheme



ESCOMP

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