

# AIRPOWERPRO

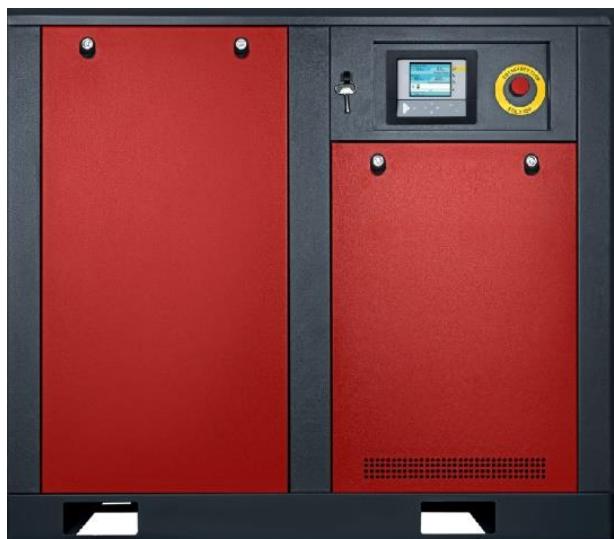
Driven by Technology,  
Designed by Experience

COMPRESSED AIR TECHNOLOGIES



## Complete Compressed Air Solutions

- ✓ High Performance
- ✓ Energy Efficiency
- ✓ Cost Control



**AIRPOWERPRO**

[www.airpowerpro.com](http://www.airpowerpro.com)

**AIRPOWERPRO** a compressor manufacturer has been in the industry since 1990s.

We have been focusing on developing products beside strengthening our teams of experts within the organization. Our dedicated approach on products and focus on 100% customer satisfaction are the key of our success.

We are existing within 12 countries and growing fast.

Today, Airpowerpro has reinforced the distributor network around the world.



**Driven by technology  
Designed by experience**

Discover what happens when a passion for technology is fused with hands-on industrial experience.

Designs evolve towards more practical installation and maintenance, giving you the freedom to focus on your job.

Product ranges include the exact machine you need, with the right options for your performance needs.

Return on investment is ensured, while your carbon footprint shrinks. And, because we stay close to our customers, we're one step ahead when your needs change.

[www.airpowerpro.com](http://www.airpowerpro.com)

## Components - World Known Brands



**SIEMENS**

**GAMAK**



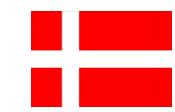
**AERZEN**

**ROTORCOMP®**  
VERDICHTER

**Jäcklin**  
Gebr. Jäcklin GmbH



**HOERBIGER**



**SIEMENS**



**Schneider**  
Electric



## Advantages of Airpowerpro

- ✓ Available at Stock
- ✓ Long Lifetime
- ✓ Efficient
- ✓ Affordable Price
- ✓ Low Operating Cost
- ✓ Easy Maintenance - Easy to Run
- ✓ Support After Sales
- ✓ Spare Part Availability

## Types of Screw Air Compressors

### Fixed Speed Drive (FS)

Fixed speed compressors run either full throttle or are off. These are ideal in applications where there is a constant compressed air demand 24/7. The machine will run at a constant RPM unless turned off. The inlet valve will flutter based on when air is needed or not needed instead of ramping the engine up and down.

#### Benefits of Fixed Speed Drive;

Lower Capital Cost, Increased Parts availability, Lower maintenance cost and efficient in consistent of air demand

### Variable Speed Drive (VSD)

Variable Speed Drive compressors maintain a constant air pressure and will adjust the motor speed to meet your plant's air demand. VSD units can run on 100% flow or can fluctuate to less flow to conserve energy and align with the current air demand.

#### Benefits of Variable Speed Drive;

Reduced energy consumption, no waving in plant pressure, increased lifetime of components, no inrush current, qualify for energy incentives

# SCREW AIR COMPRESSOR

## EAGLE SERIES

AIRPOWERPRO



**GAMAK**



**AERZEN**



**Atlas Copco**



**Schneider Electric**



**HOERBIGER**



**Atlas Copco**



MODEL	FREE AIR DELIVERY m³/min.			MOTOR POWER	OUTLET	SOUND LEVEL	DIMENSIONS	WEIGHT
	7,5 Bar	8 Bar	10 Bar					
EAGLE SBH 7,5	1.2	0.9	0.8	7.5/10	3/4"	72	1100 X 800 X 970	245
EAGLE SBH 11	1.70	1.4	1.2	11/15	3/4"	72	1100 X 800 X 970	255
EAGLE SBH 15	2.3	1.9	1.3	15/20	3/4"	72	1100 X 800 X 970	400
EAGLE SBH 22	3.8	3.2	2.5	22/30	3/4"	74	1380 X 850 X 1160	440
EAGLE SBH 37	5.6	4.8	4.1	37/50	1 1/4"	74	1500 X 1000 X 1330	765
EAGLE SBH 45	6.5	5.8	5	45/60	1 1/2"	74	1500 X 1000 X 1330	900
EAGLE SBH 55	8.9	7.7	6.5	55/75	1 1/2"	75	1900 X 1250 X 1600	1150
EAGLE SBH 75	11.7	10.2	8.8	75/100	2"	76	2000 X 1250 X 1670	1750
EAGLE SBH 90	-	-	10.9	90/125	2"	76	2400 X 1350 X 1770	2080
EAGLE SBH 110	17.8	-	-	110/150	2"	77	2850 X 1500 X 1950	2880
EAGLE SBH 132	22.4	18.4	-	132/180	3"	78	3400 X 1650 X 2060	3680
EAGLE SBH 160	-	22.2	-	160/220	3"	78	3400 X 1650 X 2060	3880
EAGLE SBH 250	44.2	43.8	-	250/340	3"	80	4000X 2100X 2400	5250

Free Air Delivery Acc. to ISO 1217:2009, Sound Level Acc. to ISO 2151 and 9614

AIRPOWERPRO

# SCREW AIR COMPRESSOR

## EAGLE SERIES



VARIABLE  
SPEED  
DRIVE



MODEL	FREE AIR DELIVERY m <sup>3</sup> /min.			MOTOR POWER	OUTLET	SOUND LEVEL	DIMENSIONS	WEIGHT
	7,5 Bar	8 Bar	10 Bar					
EAGLE SBH 7,5 VSD	1.2	0.9	0.8	7.5/10	3/4"	74	1100 X 800 X 970	275
EAGLE SBH 11 VSD	1.7	1.4	1.2	11/15	3/4"	74	1100 X 800 X 970	285
EAGLE SBH 15 VSD	2.3	1.9	1.3	15/20	3/4"	74	1500 X 850 X 1240	430
EAGLE SBH 22 VSD	3.8	3.2	2.5	22/30	3/4"	74	1500 X 850 X 1240	650
EAGLE SBH 37 VSD	5.6	4.8	4.1	37/50	1 1/4"	76	1900 X 1050 X 1440	930
EAGLE SBH 45 VSD	6.5	5.8	5.0	45/60	1 1/2"	77	1900 X 1050 X 1440	1100
EAGLE SBH 55 VSD	8.9	7.7	6.5	55/75	1 1/2"	78	2400 X 1300 X 1500	1300
EAGLE SBH 75 VSD	11.7	10.2	8.8	75/100	2"	79	2400 X 1300 X 1770	1850
EAGLE SBH 90 VSD	14.8	13.2	11.5	90/125	2"	79	2000 X 1250 X 1670	2190
EAGLE SBH 110 VSD	17.6	15.6	13.6	110/150	2"	79	2850 X 1500 X 1950	2990
EAGLE SBH 132 VSD	20.9	18.4	15.8	132/180	3"	78	3400 X 1650 X 2060	3800
EAGLE SBH 160 VSD	24.8	21.9	19.1	160/220	3"	79	3400 X 1650 X 2060	4090
EAGLE SBH 200 VSD	35.5	30.5	24.8	200/270	3"	79	3400 X 2100 X 2500	5700
EAGLE SBH 250 VSD	43.8	37.9	31.6	250/340	3"	79	3400 X 2100 X 2500	6470
EAGLE SBH 315 VSD	47.5	39.8	33.5	315/430	3"	80	3400 X 2100 X 2500	7100

Free Air Delivery Acc. to ISO 1217:2009, Sound Level Acc. to ISO 2151 and 9614

## SCREW AIR COMPRESSOR

## HAWK SERIES



FIXED  
SPEED



SIEMENS



HOERBIGER



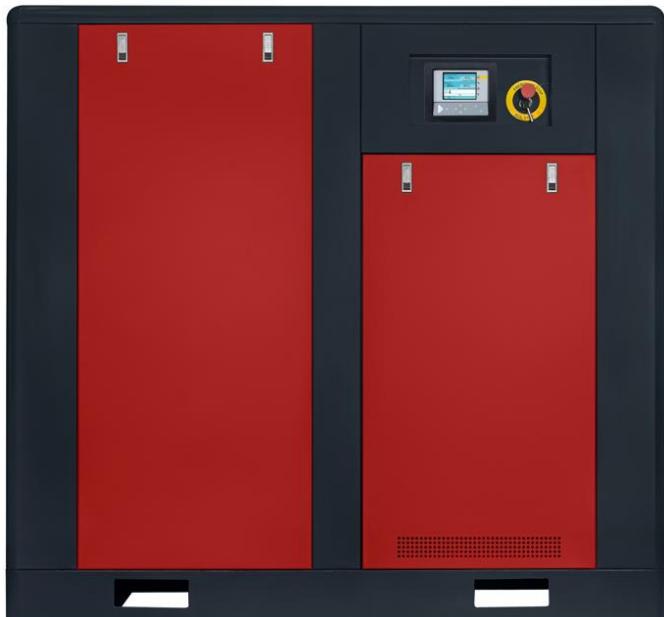
MODEL	FREE AIR DELIVERY m³/min.			MOTOR POWER kW/HP	OUTLET inch	SOUND LEVEL dB(A)	DIMENSIONS L x W x H (mm)	WEIGHT (Kg)
	7,5 Bar	8 Bar	10 Bar					
HAWK 7.5 D	1.2	1.1	-	7.5/10	3/4"	65	1000 X 700 X 830	210
HAWK 11 D	1.80	1.7	-	11/15	3/4"	65	1050 X 750 X 1000	400
HAWK 15 D	2.8	2.6	2.1	15/20	1"	68	1050 X 750 X 1000	400
HAWK 22 D	3.8	3.6	3.4	22/30	1 1/4"	68	1380 X 850 X 1160	520
HAWK 37 D	6.8	6.2	5.6	37/50	1 1/2"	68	1500 X 1000 X 1330	750
HAWK 45 D	7.4	7.0	6.2	45/60	2"	68	1500 X 1000 X 1330	780
HAWK 55 D	10.8	10.2	9.0	55/75	2"	72	1900 X 1250 X 1600	1.270
HAWK 75 D	13.5	12.6	11.2	75/100	2"	72	2000 X 1250 X 1670	1.300
HAWK 90 D	16.5	15.0	13.8	90/125	2"	72	2000 X 1250 X 1670	1.520
HAWK 110 D	21.0	19.8	17.4	110/150	2"	75	2700 X 1600 X 1842	2.100
HAWK 132 D	24.1	23.5	20.8	132/180	2"	75	2700 X 1600 X 1842	2.150
HAWK 160 D	28.7	27.6	24.9	160/200	3"	75	2700 X 1600 X 1842	2450
HAWK 185 D	32.0	30.5	27.5	185/250	3"	75	3650 X 1980 X 2152	2.520
HAWK 200 D	36.7	34.5	30.2	200/270	3"	75	3650 X 1980 X 2152	3.750
HAWK 250 D	43.0	41.0	37.8	250/340	3"	75	3650 X 1980 X 2152	4.250

Free Air Delivery Acc. to ISO 1217:2009, Sound Level Acc. to ISO 2151 and 9614

# SCREW AIR COMPRESSOR

## HAWK SERIES

AIRPOWERPRO



VARIABLE  
SPEED  
DRIVE



MODEL	FREE AIR DELIVERY m <sup>3</sup> /min.			MOTOR POWER	OUTLET	SOUND LEVEL	DIMENSIONS		WEIGHT
	7,5 Bar	8 Bar	10 Bar	kW/HP	inch	dB(A)	L x W x H (mm)		(Kg)
HAWK 7,5 D VSD	1.2	1.1	-	7.5/10	3/4"	65	1000 X 700 X 830		230
HAWK 11 D VSD	1.8	1.7	-	11/15	3/4"	67	1100 X 750 X 1000		420
HAWK 15 D VSD	2.70	2.6	2.1	15/20	3/4"	67	1130 X 750 X 1000		420
HAWK 22 D VSD	3.8	3.6	3.4	22/30	1"	70	1380 X 900 X 1270		560
HAWK 37 D VSD	6.5	6.2	5.6	37/50	1 1/4"	72	1500 X 1000 X 1320		795
HAWK 45 D VSD	7.4	7.0	6.2	45/60	1 1/2"	74	1500 X 1000 X 1320		825
HAWK 55 D VSD	10.8	10.2	9.0	55/75	2"	76	1900 X 1250 X 1600		1.315
HAWK 75 D VSD	13.5	12.6	11.2	75/100	2"	76	2000 X 1250 X 1670		1.345
HAWK 90 D VSD	16.5	15.0	13.8	90/125	2"	78	2000 X 1250 X 1670		1.570
HAWK 110 D VSD	21.0	19.8	17.4	110/150	2"	78	2500 X 1470 X 1840		2.150
HAWK 132 D VSD	24.1	23.5	20.8	132/180	2"	78	2500 X 1470 X 1840		2.200
HAWK 160 D VSD	28.7	27.6	23.5	160/200	3"	81	3000 X 1700 X 1840		2.490
HAWK 185 D VSD	32.0	30.5	27.5	185/250	3"	81	3000 X 1700 X 1840		2.720
HAWK 200 D VSD	34.2	33.3	33.0	200/270	3"	83	3650 X 1980 X 2152		4.150
HAWK 250 D VSD	43.0	41.0	37.8	250/340	3"	84	3200 X 1980 X 2150		4.650
HAWK 315 D VSD	51.0	50.2	41.5	315/422	3"	86	3650 X 1980 X 2150		7.500
HAWK 355 D VSD	65.2	62.0	54.5	355/483	5"	88	3650 X 1980 X 2150		7.550
HAWK 400 D VSD	73.5	72.0	63.1	400/536	6"	88	3650 X 1980 X 2150		7.600

Free Air Delivery Acc. to ISO 1217:2009, Sound Level Acc. to ISO 2151 and 9614

## SAVE ENERGY AND INCREASE YOUR PROFIT

### DO NOT CONSUME ENERGY WHEN NO COMPRESSED AIR IS GENERATED

When the need for Compressed Air decreases, unlike Load / Unload Compressors, it does NOT continue to operate, the compressor stops. Allows you to gain 30% electricity power spent idle.

### LOW CURRENT and SOFT START

Star-Delta Electric Motors draw 3-4 times more Current in each load (take-off). In the use of inverters, these starts are soft and there is no current increase. This both reduces your energy consumption.

### DYNAMIC PRESSURE CONTROL

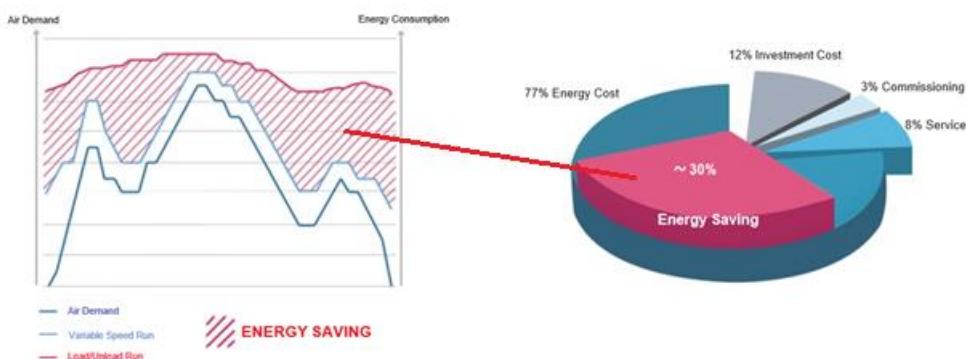
Variable Speed Screw Air Compressors keep the operating pressure range at +/- bar. In other Air Compressors, this range is generally provided as 0.5-1 bar. Every 1 bar loss means 7% additional energy cost.

### MOTOR PROTECTION

The wear and damage of the components in the There is no excessive currents in Variable Speed Screw Air Compressors, so there is no wear and damages in components. The lifetime of Motor extends.

### LOAD FACTOR

Helps carrying possible changes in the grid with internal resistance in the Inverter.



For the right application, Variable Speed Drive Technology can cut the energy bill of your compressor by up to 30%. The reduction of energy consumption in the following ways:

- The variable frequency drive compressor matches air supply with demand therefore reducing energy consumption when the demand is lower. If the demand is stable the controller guarantees a fixed set pressure.
- No unload cycles above 20% load.
- No peak current due to soft start.

# AIR TREATMENT - DRYERS

A dry and clean compressed air treatment system will ensure your air distribution system is kept in optimal shape. Quality compressed air treatment solutions ensure high air quality and prevents corrosion, leakages, pollution and rust. We have a range of compressed air treatment supplies for every solution. Our air treatment solutions are high quality and will help ensure your production continues to run.

Our compressed air treatment solutions assist in ensuring your compressed air supply continues to run at high quality with low energy costs.



MODEL	CAPACITY	ELECTRIC CONNECTION	OUTLET	MAX. WORKING PRESSURE	MAX. AMBIENT TEMP.	MAX. AIR INLET TEMP.
	m³/min	Volt/Ph/Amp	Inch	bar	°C	°C
ADR 38	0.38	230 / 1 / 50	1/2"	16	50	60
ADR 63	0.63	230 / 1 / 50	1/2"	16	50	60
ADR 88	0.88	230 / 1 / 50	1/2"	16	50	60
ADR 117	1.17	230 / 1 / 50	1/2"	16	50	60
ADR 167	1.67	230 / 1 / 50	3/4"	16	50	60
ADR 258	2.58	230 / 1 / 50	3/4"	16	50	60
ADR 317	3.17	230 / 1 / 50	3/4"	16	50	60
ADR 350	3.50	230 / 1 / 50	1 1/2"	16	50	60
ADR 508	5.08	230 / 1 / 50	1 1/2"	16	50	60
ADR 625	6.25	230 / 1 / 50	1 1/2"	16	50	60
ADR 825	8.25	230 / 1 / 50	2"	16	50	60
ADR 1038	10.38	230 / 1 / 50	2"	16	50	60
ADR 1550	15.50	230 / 1 / 50	2"	16	50	60
ADR 2000	20.00	230 / 1 / 50	2"	16	50	60
ADR 2313	23.13	400 / 3 / 50	3"	16	50	60
ADR 3000	30.00	400 / 3 / 50	3"	16	50	60
ADR 4167	41.67	400 / 3 / 50	3"	16	50	60
ADR 4625	46.25	400 / 3 / 50	3"	16	50	60

## LINE FILTERS AND ELEMENTS



The Line Filters are used for high quality efficient removal of solid particles, water, oil aerosols, hydrocarbons, and vapors from the compressed air systems

Depending on the requirement of air quality (ISO 8573:1), we have appropriate set of filters to satisfy our customers.



- ✓ COST OF OWNERSHIP
- ✓ RELIABLE FILTRATION
- ✓ CERTIFIED PERFORMANCE
- ✓ PRODUCT SAFETY
- ✓ EASY of USE and INSTALLATION
- ✓ ROBUST DESIGN
- ✓ CORROSION PROTECTION

## AFTER SALES SERVICES

### Original Parts & Service for Compressors

A long compressor lifetime, built on reliability and cost-savings. Regular service at the right time by knowledgeable people and the right parts.

### Extend the Life of Your AIRPOWERPRO Compressor

With the right compressor parts and regular service by a knowledgeable service technician you can ensure a longer lifetime for your air compressor while keeping costs down. You have access to regular maintenance and genuine compressor parts no matter what part of the country you are running your production from.

### Keep Your Air Compressor Running with Regular Service and Genuine Parts

To extend the life of your AIRPOWERPRO compressor and costs down ensure you get great regular maintenance and genuine parts. All the compressor parts available have been designed, made and qualified by your compressor manufacturer to ensure your air compressor continues maximum performance.

### Air Compressor Parts and Service Options Available to You

To avoid premature wear, damage or potential breakdown keep your maintenance regular and spare parts genuine. We have a range of parts and service options available to you that will help you keep your energy costs down. Call us or email us at [info@airpowerpro.com](mailto:info@airpowerpro.com) to find out more about our parts and service options.

#### ORIGINAL PARTS



- ✓ Reliable Performance
- ✓ High Uptime
- ✓ Energy Efficiency

#### SERVICE CONTRACTS



- ✓ Transparency
- ✓ Contracts adapted to your needs
- ✓ Original Parts

# AIRPOWERPRO

Driven by Technology,  
Designed by Experience



FURTHER INFORMATION, PLEASE CONTACT  
LOCAL REPRESENTATIVE OF AIRPOWERPRO



INNOVATION  
HANDS-ON  
EXPERIENCE  
PEACE OF MIND  
TOTAL COST  
OF OWNERSHIP  
PARTNERSHIP

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