

AFP Screw Compressor Series



SCY Series Portable Diesel Screw Air Compressors



SCY Series Portable Diesel Screw Air Compressors



Stationary Diesel Screw Air Compressor - Deep Drilling



SDY Series Portable Electric Screw Air Compressors



SDY Series Portable Diesel Screw Air Compressors



SCF Series Power Frequency Stationary Electric Screw Air Compressors



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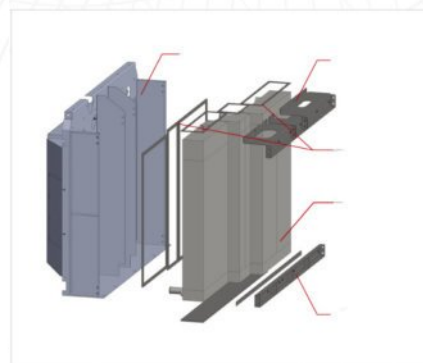
Product Upgrade Features

The full product series has been optimized with stronger frames, roof loading capabilities and rubber protection strips to meet customer carry load requirements.

All pressure pipes are covered with steel tubes to protect the rubber from aging. It is wear resistant and increase product line significantly.

Patented air filter unit with stainless steel air inlet pipes. The dust filter guarantees protection against fine particles from entering.

All new designed cooler with independent modular unit secured by structural component, cushion pad and no pressure points. This effectively eliminates cooler damage or deformation. Units can easily be replaced without removing the cooler assembly.



Portable Diesel Compressor with an imported controller system. Optimized 3 switch interface to operate, power, on and off, has automatic preheating, loading and unloading process with pressure control. The fuel injected engine eliminates oil outburst and has a high pressure stop. The controller is water and moisture proof.

Easy access for maintenance with a manual and toolbox for maintaining the equipment.

Newly designed protected cooler for higher efficiency and higher safety. Full body sound absorbent cotton and rear motor silencer, reducing noise by 40% compared to other products.



Small Compact Portable Screw Compressors

This series is primarily used within construction and mining suitable to operate ϕ 80-110mm DTH drills, bolting rigs, various handheld drill machines, drifters, blasting equipment and various air source equipment.

Reliable and durable with an optimized control system for drastic drop in energy consumption.

All with EU3A compatible engines or IP54 motors.



Portable Electric Screw Compressors

Model	Rated FAD	Rated Pressure	Motor Power	Motor Protection Class	Weight	Type
75SDY+8	13.6 m ³ /min	8 bar	75 kW	IP54	1,980 kg	4 wheel
75SDY+10	10 m ³ /min	10 bar	75 kW	IP54	1,980 kg	2 wheel
75SDY+14.5	10 m ³ /min	14.5 bar	75 kW	IP54	1,850 kg	2 wheel

Portable Diesel Screw Compressors

Model	Rated FAD	Rated Pressure	Engine	Air End	Weight	Type
40SCY+7	4.5 m ³ /min	7 bar	37 kW	Single Stage Compression	860 kg	2 wheel
110SCY+8	13 m ³ /min	8 bar	110 kW	Single Stage Compression	2,450 kg	4 wheel
110SCY+10	12.5 m ³ /min	10 bar	110 kW	Single Stage Compression	2,450 kg	4 wheel
110SCY+14.5	11 m ³ /min	14.5 bar	110 kW	Single Stage Compression	2,450 kg	2/4 wheel
118SCY+15	12 m ³ /min	15 bar	110 kW	Two Stage Compression	2,550 kg	4 wheel

Medium Portable Screw Compressors

This series is primarily used within construction and mining suitable to operate $\phi 115\text{mm}$ DTH drills, bolting rigs, various handheld drill machines, drifters, blasting equipment and various air source equipment.

Optimized new design with diesel engine muffler behind the cooler end for a 40% lower noise reduction, and an independent unit with higher cooling efficiency.

All with EU3A compatible engines or IP54 motors.



Portable Electric Screw Compressors

Model	Rated FAD	Rated Pressure	Motor Power	Motor Protection Class	Weight	Type
90SDY ⁺ -8	16.5 m ³ /min	8 bar	90 kW	IP54	2,080 kg	wheel
90SDY ⁺ -14.5	13 m ³ /min	14.5 bar	90 kW	IP54	2,100 kg	2/4 wheel

Portable Diesel Screw Compressors

Model	Rated FAD	Rated Pressure	Engine	Air End	Weight	Type
141SCY ⁺ -15	14 m ³ /min	15 bar	141 kW	Single Stage Compression	2,550 kg	2/4 wheel
158SCY ⁺ -17	15 m ³ /min	17 bar	162 kW	Single Stage Compression	3,500 kg	2/4 wheel
162SCY ⁺ -17	16 m ³ /min	17 bar	162 kW	Two Stage Compression	3,600 kg	wheel

Recommended for Drilling Rig Models
ZGYX-420 ZGYX-420D ZGYX-425

Large Portable Screw Compressors

This series is primarily used within construction and mining suitable to operate $\phi 138\text{mm}$ DTH drills, bolting rigs, various handheld drill machines, drifters, blasting equipment and various air source equipment.

All newly designed air inlet valve with optimized air control system. The minimal control parts ensures that the engine easily starts and idle.

All with EU3A compatible engines or IP54 motors.



Portable Electric Screw Compressors

Model	Rated FAD	Rated Pressure	Motor Power	Motor Protection Class	Weight	Type
110SDY*-8	20 m ³ /min	8 bar	110 kW	IP54	3,200 kg	4 wheel
110SDY*-14	14.5 m ³ /min	14 bar	110 kW	IP54	3,200 kg	4 wheel
132SDY*-8	24 m ³ /min	8 bar	132 kW	IP54	3,300 kg	4 wheel
132SDY*-13	17 m ³ /min	13 bar	132 kW	IP54	3,300 kg	4 wheel
132SDY*-17	15 m ³ /min	17 bar	132 kW	IP54	3,300 kg	4 wheel
160SDY*-13	20 m ³ /min	13 bar	160 kW	IP54	3,800 kg	4 wheel
185SDY*-17	19 m ³ /min	17 bar	185 kW	IP54	3,800 kg	4 wheel

Portable Diesel Screw Compressors

Model	Rated FAD	Rated Pressure	Engine	Air End	Weight	Type
186SCY*-18	17 m ³ /min	18 bar	191 kW	Single Stage Compression	4,000 kg	4 wheel
192SCY*-17	19 m ³ /min	17 bar	191 kW	Single Stage Compression	4,000 kg	4 wheel
200SCY*-21	20 m ³ /min	21 bar	191 kW	Two Stage Compression	4,200 kg	4 wheel
300SCY*-18	25 m ³ /min	18 bar	310 kW	Two Stage Compression	5,000 kg	4 wheel
300SCY*-25	26 m ³ /min	24 bar	310 kW	Two Stage Compression	5,000 kg	4 wheel



Recommended for Drilling Rig Models

ZGYX-420 ZGYX-425 ZGYX-430

Stationary Diesel Screw Compressors

This series is primarily used with water well and geothermal projects suitable to operate ϕ 115-254mm drill rigs and various other air source equipment.

To add to the benefits of the portable compressors, this series is best suited for continuous running and upgraded for durability and lower fuel consumption.

All with EU3A compatible engines.

Stationary Diesel Screw Compressors						
Model	Rated FAD	Rated Pressure	Engine	Air End	Weight	Type
S60*	17 m ³ /min	18 bar	162 kW	Single Stage Compression	3,500 kg	SKID
S95BD*	29 m ³ /min	24 bar	288 kW	Two Stage Compression	4,270 kg	SKID
S100D*	30 m ³ /min	25 bar	310 kW	Two Stage Compression	4,400 kg	SKID
S120D*	35 m ³ /min	27 bar	412 kW	Two Stage Compression	5,200 kg	SKID



Electric Stationary Screw Compressors

This series is primarily designed for applications of construction and mining suitable for rock drills, handheld drills and air tools.

Side air outlets for indoor installation complete with hanging hooks for convenient handling by excavators and loaders.

All with IP54 motors.

Electric Stationary Screw Compressors						
Model	Rated FAD	Rated Pressure	Engine	Motor Protection Class	Weight	Type
45SCF ⁺ -8	8 m ³ /min	8 bar	45 kW	IP54	730 kg	Stationary
55SCF ⁺ -8	10 m ³ /min	8 bar	55 kW	IP54	1,045 kg	Stationary
75SCF ⁺ -8	13.6 m ³ /min	8 bar	75 kW	IP54	1,400 kg	Stationary
90SCF ⁺ -8	16.5 m ³ /min	8 bar	90 kW	IP54	1,500 kg	Stationary
110SCF ⁺ -8	24 m ³ /min	8 bar	110 kW	IP54	2,400 kg	Stationary
132SCF ⁺ -8	24 m ³ /min	8 bar	132 kW	IP54	2,500 kg	Stationary



After Sales Services and Spare Parts Supply

Geniune Parts

Customers should always use authentic or factory approved parts and oil to ensure the life and performance for long lasting equipment performance.

Afquip Africa is a leading, multi-disciplined company, specialising in wear & mechanical spare parts for a large number of traditional crushers and equipment within the African market providing products suited for the harsh environment which requires to be cost effective, of high quality and robust but most importantly Afquip Africa provide high quality spares, technical and after sales support.

Additional scope of products include a comprehensive range of capital equipment used within the aggregate and mining industry as well as some general mining and industrial products complementing the core business.

Afquip Africa together with industry partners also provide turnkey solutions for most project requirements within the scope of capabilities.

