100% Oil-Free Scroll Compressors

NXLW-Scroll Screw Compressor

- The rotating compression structure moves continuously without reciprocation.
- The scroll compression works continuously without wasted work.
- Zero emissions, low noise, low power consumption.

* F = Fixed Speed | V = Variable Speed Drive (VSD). Parameters are for reference only.

We partner with global industry leaders to ensure that every component meets the highest reliability standards.

35% AVERAGE ENERGY SAVING

IE4 MOTOR EFFICIENCY

24/7 REMOTE MONITORING

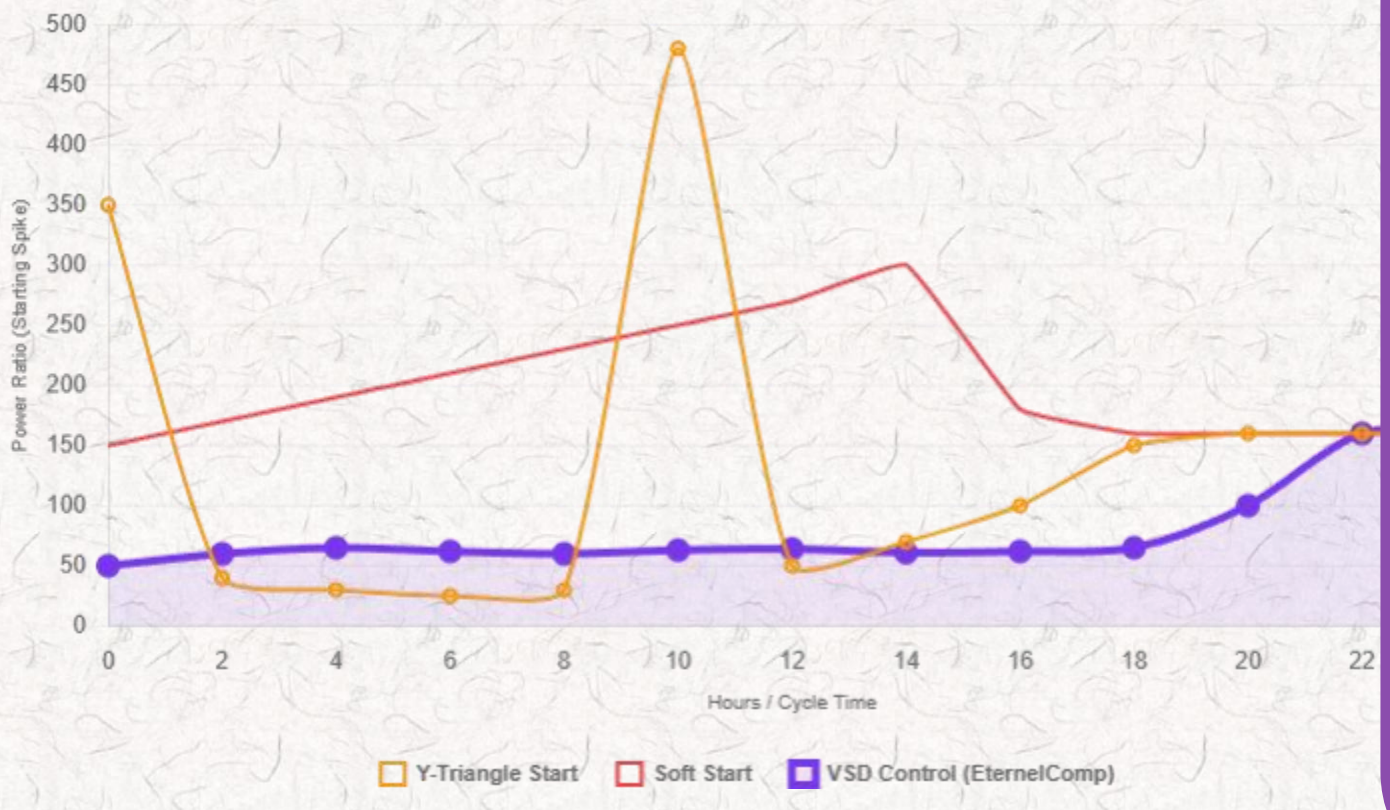
0 emission eco-friendly

** F = Fixed Speed | V = Variable Speed Drive (VSD). Parameters are for reference only.*

Driving Down Your Energy Cost

Energy consumed by a compressor represents over 80% of its lifecycle cost. Our upgraded Variable Speed Drive (VSD) technology precisely tracks air demand to eliminate wasted power.

Full Workload Power Ratio Comparison



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Lifetime Cost Reduction

Compared with traditional fixed-speed scroll compressors, our VSD scroll units effectively cut long-term operating costs.

Energy sevening 35% ↑

Lifetime Cost Reduction 22% ↓

** Based on standard operating cycles in manufacturing environments using NXLW- eries permanent magnet motors.*

Digital Smart Cloud Control System

Our scroll oil-free compressors adopt IoT linkage control with full monitoring, fault alarms and maintenance reminders for zero downtime.

01 24/7 Real-time Status Monitoring

02 Remote Diagnostic & Fault Warning

03 Mobile App & PC Integration

04 Data Analysis for Efficiency Optimization

Satellite
BEI DOU SYSTEM

Security
DATA ENCRYPTION

Network
5G / NB-IOT

Custom
API ACCESS

Features Of The Oil-Free Scroll Compressors

- **100% Oil-Free**: Zero leakage risk; ensures absolute air purity.
- **High Efficiency**: Continuous scroll compression with minimal energy loss.
- **Max Durability**: Fewer parts, minimal wear, and ultra-low maintenance.
- **Whisper Quiet**: Contactless design for minimized vibration and noise.

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Technical Specifications

NXLW — Series Screw Air Compressor (Power 0.24 - 4.8Kw)

Model	Power (kW/HP)	Pressure (bar)	Air Delivery (m^3/min)	Dimension (mm)	Weight (kg)
NXLW-0.24	2.2	8-10	0.2	940*650*830	120
NXLW-0.4	3.7		0.4	940*650*830	150
NXLW-0.6	5.5		0.6	940*650*830	350
NXLW-0.8	3.7*2		0.8	1080*750*1000	265
NXLW-1 .2	5.5*2		1.2	1080*750*1000	340
NXLW-1 .6	3.7*4		1.6	1380*850*1160	480
NXLW-1 .8	5.5*3		1.8	1380*850*1160	490
NXLW-2.0	3.7*5		2.0	1500*1000*1330	630
NXLW-2.4	5.5*4		2.4	1500*1000*1330	700

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EternelComp

Pursuing Exceptional Quality and High-Caliber Innovation. Dedicated to driving down your energy cost globally.

PRODUCTS

Oil-Lubricated Compressors
Oil-Free Screw Compressors
Nitrogen/Oxygen Generator
Blower
Strategic Products
Treatment Equipments

SUPPORT

Customization
Global Network
Lifecycle Service
Original Spare Parts

CONTACT US

Nanxiang Sales Service Center

Available across USA, Canada, Germany, India, and more.

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