

# Stenhøj S-Series

## Stenhøj Screw Compressors

S-Series model from 07-22 kW fixed and regulated speed.

### New fully integrated airend

The new design of the high efficiency airend operates at low rotational speeds, and as a result lowers energy costs. The innovative integrated design, with oil separation, oil filter, thermostatic bypass valve, reduces the number of external hoses and components resulting in increased reliability.

### Tried and tested inverter concept

Integrated in the electric cabinet.

### High efficiency drive motor

IP55 motor for operational reliability.



### A small installation footprint

Designed to pass through a standard doorway simplifies installation.

### Low noise levels

Reduced installation cost can be achieved by locating the compressor near to personnel or equipment without health or safety issues.

### High quality air

This is achieved by the use of high efficiency air/oil separation system and optimum aftercooling.



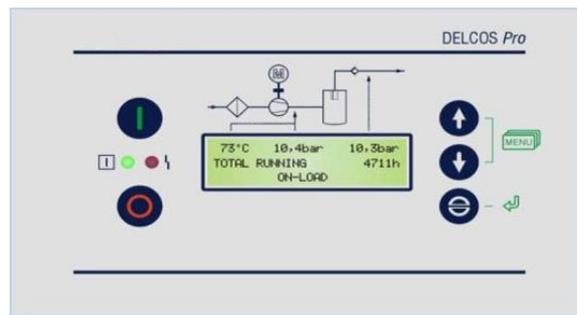
**STENHØJ**  
lifting the level

## Stenhøj Screw Compressors

S-Series model from 07-22 kW fixed and regulated speed.

### DELCO Pro intelligent controller

The new control system ensures reliable operation and protects your investment by continuously monitoring the operational parameters. The Delcos Pro also has the capability to have programmable inputs and outputs, control additional equipment as well as providing the following features with a clear readable text.



- Discharge/line pressure display
- Air/Oil temperature display
- Total hours run and loaded hours
- Service due indicator
- Enhanced fault log monitor
- Real time clock
- Timer controlled stop/start
- Remote stop/start
- Auto restart on power failure
- Second pressure setting
- Status indication
- RS485-Modbus RTU



**STENHØJ**  
lifting the level

#### Up to 45 degrees C ambient capability

Ensures continuous and stress-free operation through efficient heat dissipation.

#### Factory-filled lubricant

Reduces servicing costs by extending oil change periods of up to 4,000 hours.

## Stenhøj Screw Compressors

**S-Series model from 07-22 kW regulated speed.  
Intelligent energy saving technology.**

**Regulated speed compressors – Perfect response to your individual air demands with regulated speed technology**

Regulated speed compressors from Stenhøj can efficiently and reliably handle the varying air demand found in most plant air systems.

These compressors speed up and slow down to match air supply to air demand as it fluctuates. The right variable speed compressor in the right application delivers significant energy savings and a stable air supply at constant pressure.

### Reduce the cost of ownership and minimise your energy consumption

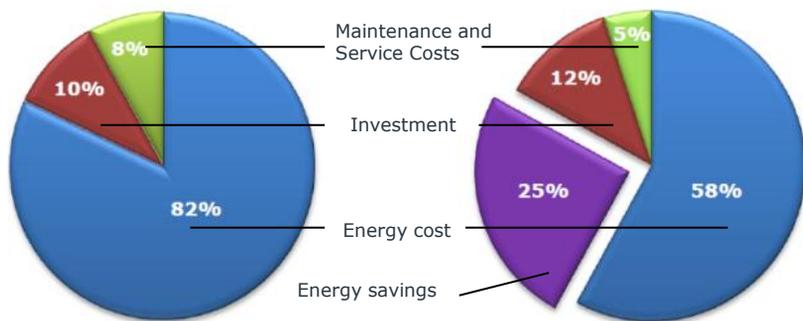
- Excellent efficiency
- High reliability
- Low cost of ownership
- Accurate pressure monitoring

### Remarkable energy savings

- Annual cost of ownership with regulated speed compressors

A typical oil lubricated rotary screw air compressor operating at 70% load.

Stenhøj regulated speed SR-compressor at 70% load.



**Stenhøj's SR features are your benefits.**

**Tried and tested inverter concept**

- Integrated in the electric cabinet
- Protected from dust by replaceable inlet filters
- Maximum reliability by optimised cooling system
- Ensures high availability and long life time

**Perfect motor – drive – airend design**

- High efficiency across broad flow range
- Substantial energy savings performance



**STENHØJ**  
lifting the level



S07-A to S11-A Airend

**Fixed speed**

Model	Free air delivery *			Drive Motor	Dimensions			Weight	Noise level **
	7.5 bar m3/min	10 bar m3/min	13 bar m3/min		L mm	W mm	H mm		
S07-A	1.30	1.06	0.85	7.5	667	630	1050	205	70
S11-A	1.82	1.61	1.32	11	667	630	1050	219	70
S15-A	2.70	2.26	1.80	15	787	698	1202	335	70
S18-A	3.25	2.74	2.34	18.5	787	698	1202	361	71
S22-A	3.65	3.21	2.61	22	787	698	1202	367	71

**Regulated speed**

Model	Free air delivery *			Drive Motor	Dimensions			Weight	Noise level **
	7.5 bar m3/min	10 bar m3/min	13 bar m3/min		L mm	W mm	H mm		
SR07-A	0.48 – 1.26	0.44 – 1.01	0.41 – 0.83	7.5	667	630	1050	222	63
SR11-A	0.63 – 1.81	0.64 – 1.56	0.57 – 1.26	11	667	630	1050	231	64
SR15-A	0.92 – 2.60	0.86 – 2.18	0.83 – 1.67	15	787	698	1202	365	67
SR18-A	1.33 – 3.05	1.28 – 2.62	1.22 – 2.20	18.5	787	698	1202	381	68
SR22-A	1.04 – 3.54	0.93 – 3.15	0.90 – 2.66	22	787	698	1202	386	69



**STENHØJ**  
lifting the level

Stenhøj A/S  
Denmark

Tel: +45 76 82 13 30  
Fax: +45 76 82 13 31  
Mail: info@stenhoj.dk  
Web: www.stenhoj.dk

\*Data measured and stated in accordance with ISO 1217.

\*\* Measured in free field conditions in accordance with ISO 2151.

No liability accepted for specifications, which are subject to alteration.