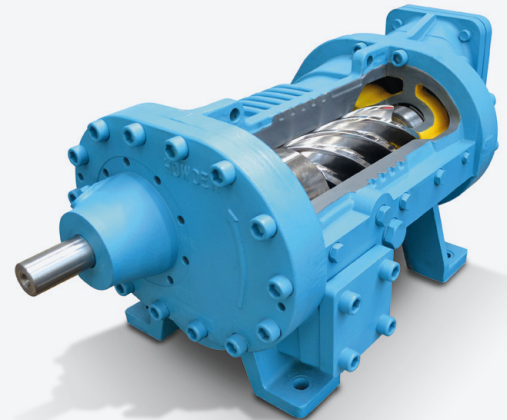
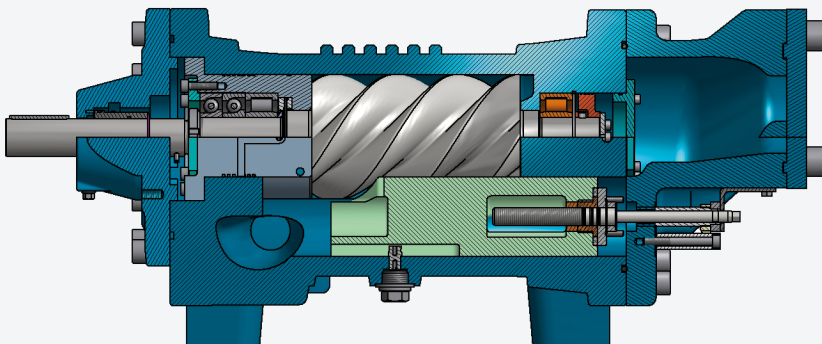




M127 Oil injected screw compressors



Shown above: Sectional view of typical M127 screw compressor.

The M127 product concept:

A new industrial-standard quality built screw compressor, complete with a suite of specification options, to meet the design and build needs of compressor packagers and reduce the operating costs of end users.

M127 key performance parameters

Max pressure	22 bar g	320 psi g
Max flow	588 sm ³ /hr	364 CFM
Min speed	1500 rpm	
Max speed	6000rpm	

Features and benefits

- Innovative robust modular construction
- High efficiency rotor profiles
- Great flexibility for configuration and standard maintenance
- Reduced footprint
- Low noise
- Modular design for ease of packaging
- Available with:
 - Suction strainer
 - Variable Vi slider
 - Poppet valve capacity control (50%, 75%, 100%)
 - Suitable for flange mounting to EC motors
 - Gearbox drive

M127 illustrative performance

Operating speed (RPM)	Swept volume (m ³ /hr)	Normal capacities in kW for R717			Dimensions in mm basic unit (L x W x H)	Weight of basic direct drive unit (kg/lbs)	Sound pressure level (dBa)
		High stage (-10/+35°C)	Booster (-40/-10°C)	With economiser (-40/+35°C)			
3000	294	174	55	52	834 x 426 x 340	220 / 485	75*
3600	353	213	67	65	834 x 426 x 340	220 / 485	75*
4500*	441	270	85	84	834 x 426 x 340	220 / 485	75*

* Please note, higher speeds may be possible subject to duty conditions after referral to HCL Engineering.

Start your screw compressor selection today:

Howden Select will match our most efficient and economical screw compressors to your application requirements.

[howden.cloud/selectsheet](https://www.howden.cloud/selectsheet)

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