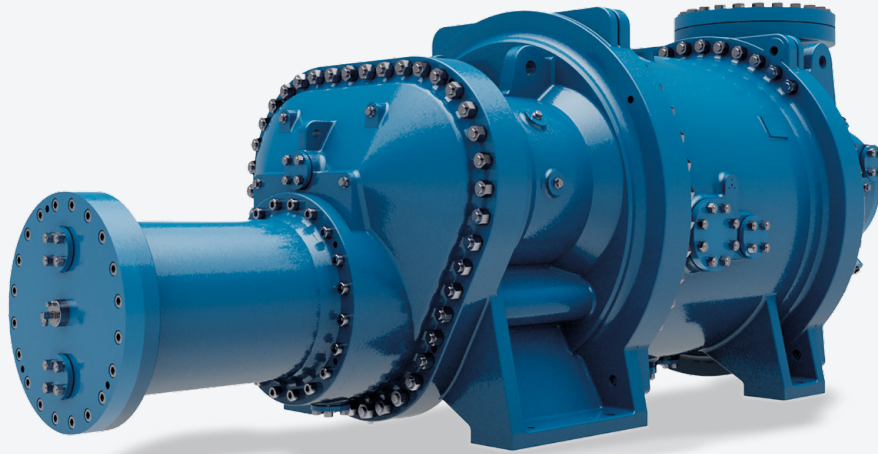




WRVi 580 range

Oil injected screw compressors



Howden's range of screw compressors now includes the WRVi 580, the industry's largest oil injected screw compressor.

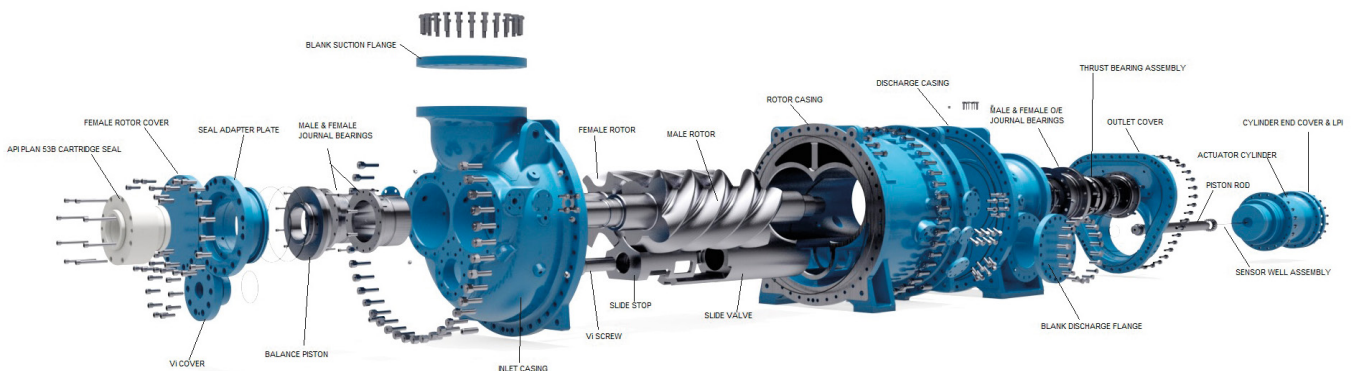
The intelligent evolution of the WRV500 range incorporates the high efficiency rotor profile to ensure highest capacity with lowest power, reducing lifetime costs.

Features and benefits

- High volume capacity with compact dimensions
- Hydrodynamic sleeve journal bearings and tilting pad thrust bearing arrangement for high pressure capacity and long operational life
- Manual adjustable Vi and automatic capacity control
- Cartridge mechanical seal(s) single, dual and zero emission
- API619 continuous operation and minimal operator interface due to condition monitoring instrumentation API 670
- Advanced rotor profiles combined with high capacity lobe configuration offer high efficiency and lower power
- Material options: Cast steel; Spheroidal graphite iron; LT steel; NACE; C55 forged steel rotors

Key performance parameters

Max pressure	24 bar g / 250 psi g
Min flow	29000 m ³ /hr / 17070 cfm
Max power at max speed	8500 kW / 11400 hp
Min speed	750 rpm
Direct drive	1480 / 1780 rpm (50/60 hz)
Max speed	2600 rpm



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)

For further information contact:

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