



Atlas Copco



OIL INJECTED COMPRESSOR:
*Replace your old air compressor
and enjoy the benefits*

AGENDA

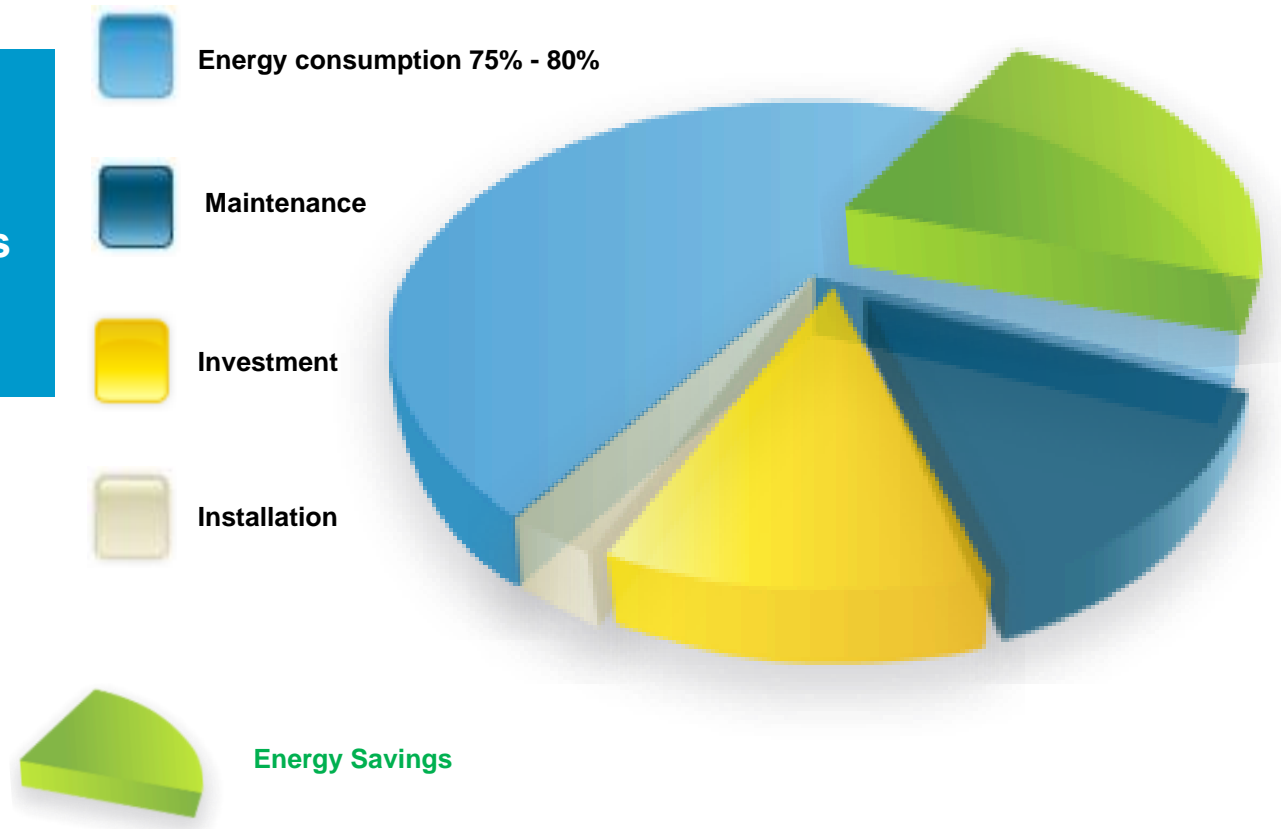
LIFE CYCLE COST

WHY ATLAS COPCO?

TRADE IN PROGRAM

Total Cost of ownership (TCO)

Energy savings impact 80% of the total Life Cycle Cost over a 10 year period of the compressor by directly saving on the customer's yearly energy bill



Energy represents the largest cost associated with operating a compressor and therefore : **The largest opportunity for savings !**

Total Cost of ownership (TCO)

- How much money do I have to pay for electricity cost?
- Use absorbed power instead of shaft power (installed motor power)
- Absorbed power = package power/motor efficiency
- Electricity cost = Absorbed power x running hours x rate per kWh

efficiency ↑ High Low	IE5	Ultra Premium Efficiency		
	IE4	Super Premium Efficiency	Grade 1	E3+
	IE3	Premium Efficiency	Grade 2	E3
	IE2	High Efficiency	Grade 3	E2
	IE1	Standard Efficiency		E1
	IEC (EU)	NEMA (USA)	GB (China)	AS/NSZ



Why Atlas Copco Oil Injected Compressor?

MORE EFFICIENT

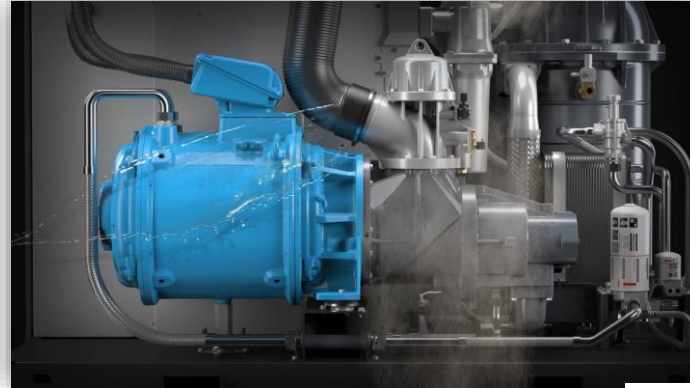
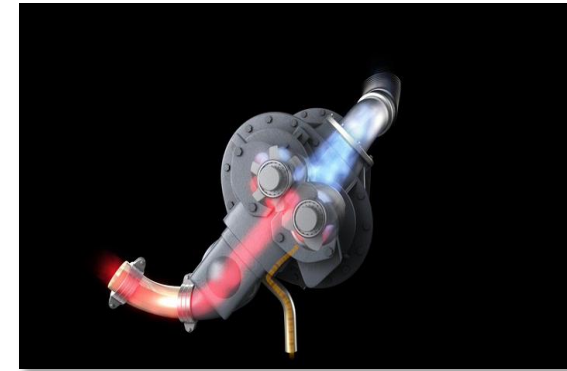
MORE RELIABLE

EASY MAINTENANCE

Reliability



- New Screw Element Design



- Oil cooled motor, IP66, IE4
- IP66 Permanent Magnet Motor, IE5

- Smart Protection System



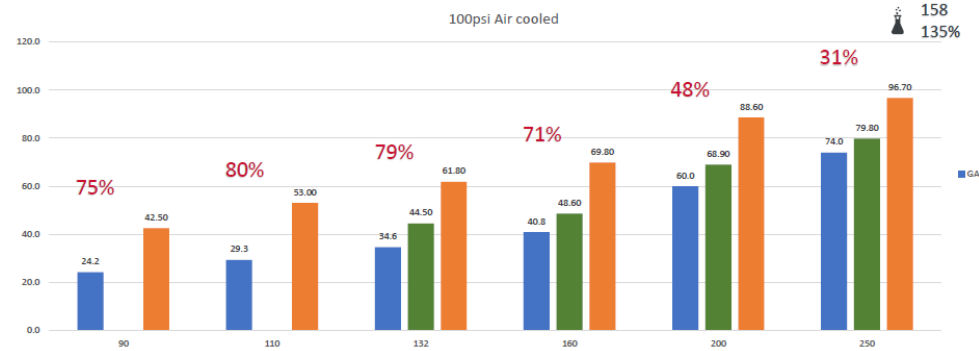
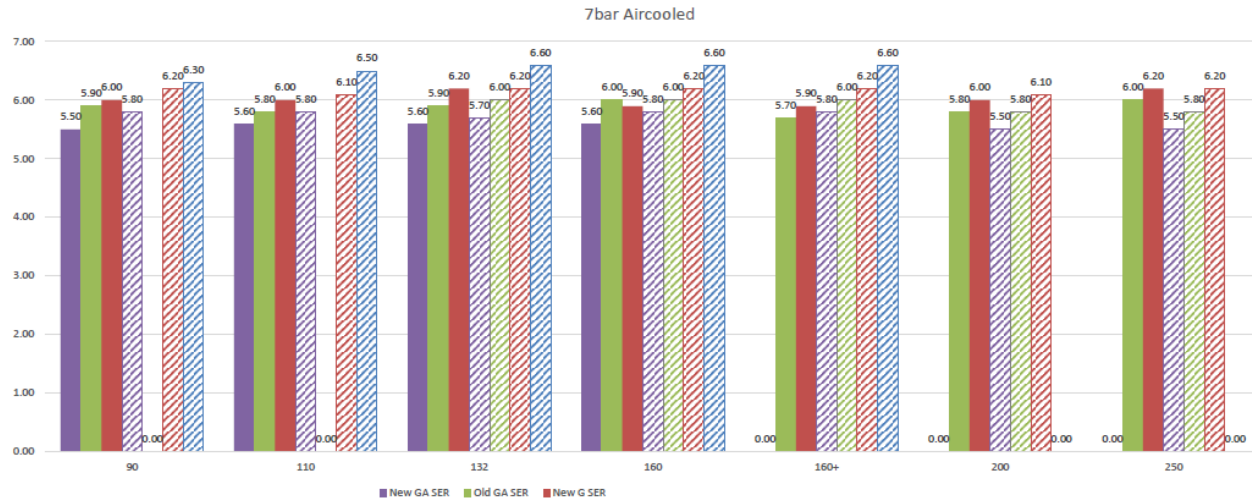
Newest **Touch**, innovative design and **PATENTED** by Atlas Copco !

Efficiency



Low SER and Unload power

Performance data



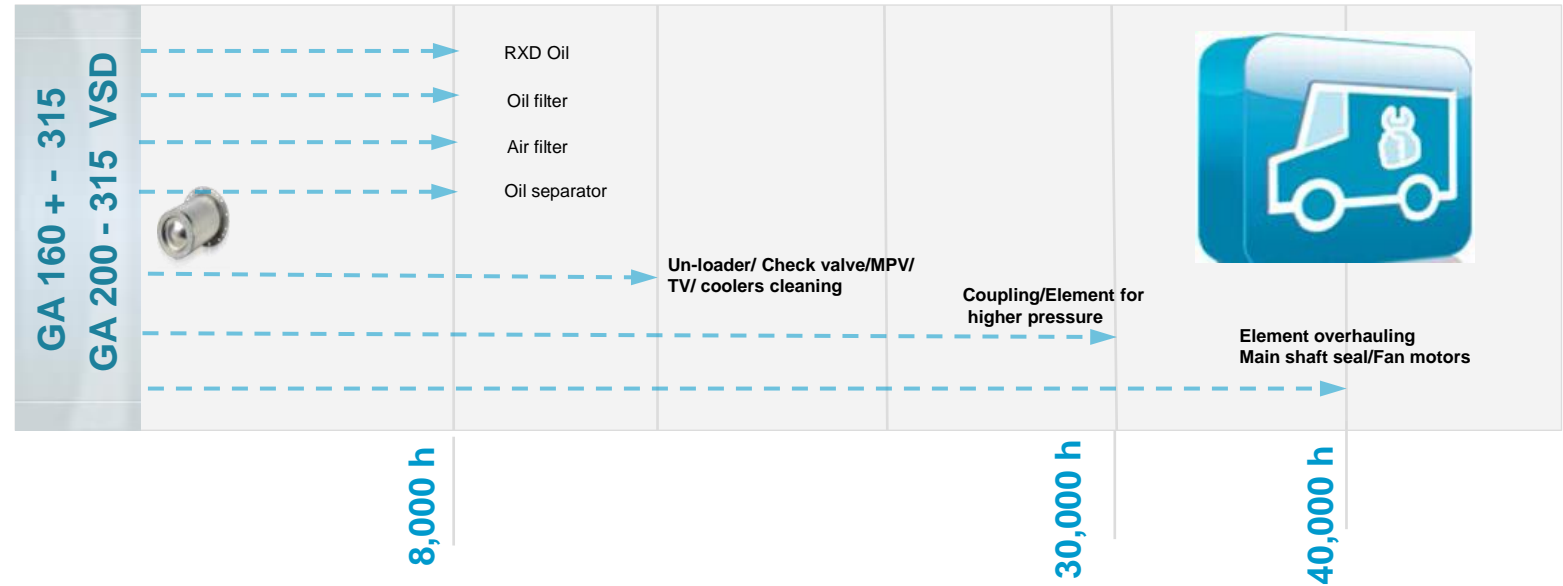
GA "A2" series
New GA

- 20 % Footprint

GA "A2" series (FF)
New GA FF

-30% Footprint

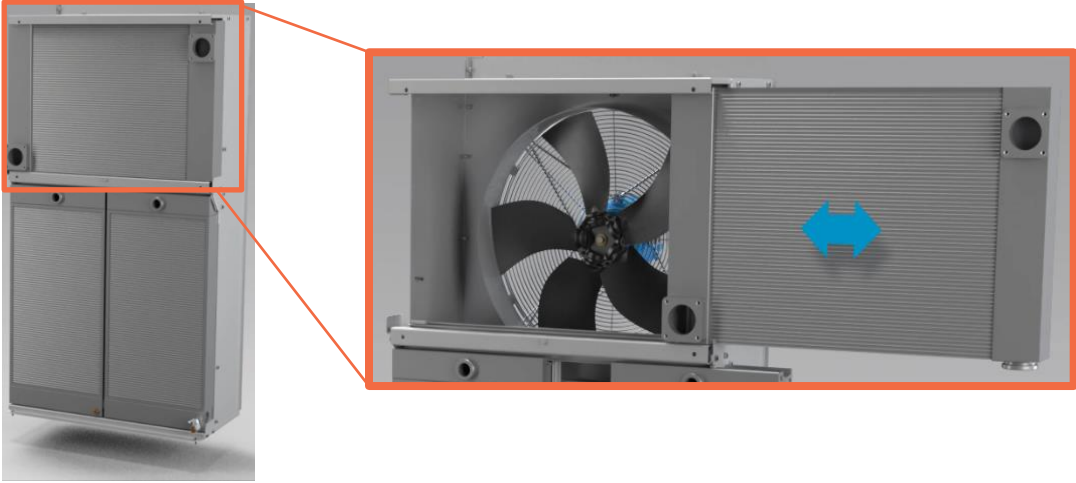
Serviceability



Feature	Benefit
Extended service intervals	Lower service cost Less down time due to scheduled service, increasing production efficiency Less cost in non productive travel time for service engineers
Easy and safe access from large opening doors	Reduced service time. No need for special tooling Unique sliding system for the oil and after coolers
Maintenance schedule available in the Mk5 controller	Easy monitoring. Planning

Easy Maintenance

- Simple & Smart Design

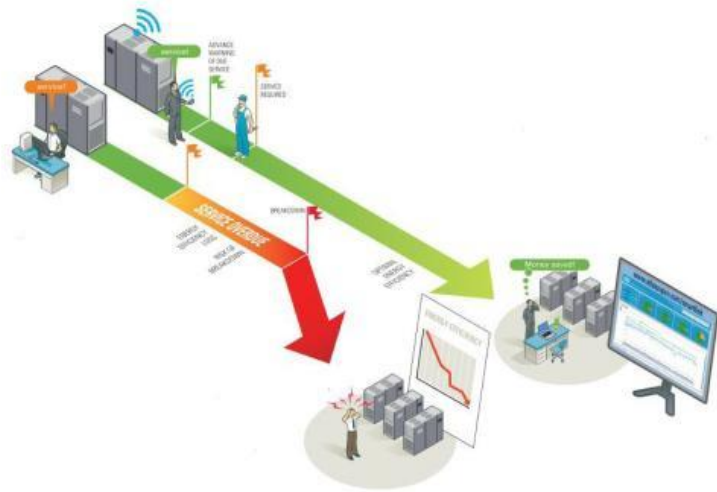


Easy Maintenance



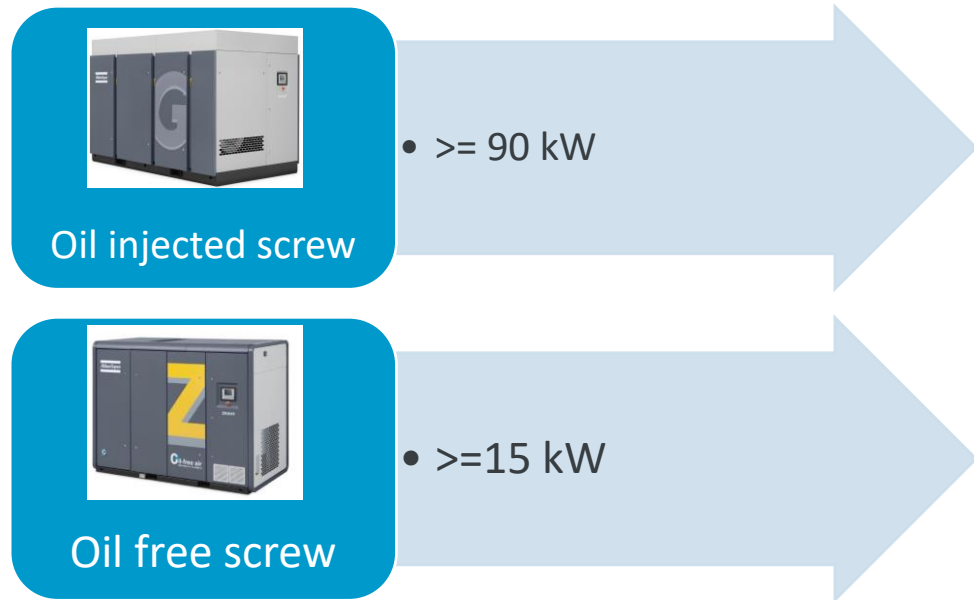
SMARTLINK® REMOTE MONITORING

Take the stress out of compressed air management



SMARTLINK Energy	SMARTLINK Uptime	SMARTLINK Service	Visualization
<p>Safeguard the performance of your equipment. With SMARTLINK Energy, Atlas Copco enables you to continuously monitor and analyze the energy efficiency of your compressor room. You decide on the performance indicators, you define the benchmarks. SMARTLINK analyzes and reports. You can make accurate and immediate improvements when needed. The results can be used for energy monitoring according to ISO 50001</p>	<p>Rule out all uncertainties. With SMARTLINK Service installed on your compressors, scheduling maintenance visits becomes as simple and easy as it should be; your service log book is always just one click away and your online link with Atlas Copco allows you to request and receive quotes for spare parts or additional services very fast.</p>	<p>Keep your compressors up and running. By e-mail and/or text, you receive all relevant machine indications (warnings and shutdowns) in advance. Based on this information, you can then take all necessary actions and measures to avoid the risk of a breakdown.</p>	<p>Knowing exactly how your system is running makes identifying ways for improvement much easier. The Atlas Copco monitoring products provide you with the transparency you need to assess system performance. Based on this analysis you can then easily determine a course of action to improve system usage and limit energy consumption costs.</p>

Renew your compressor – bring the value home



Non Atlas Copco possible?

- Oil injected screw ≥ 90 kW
- Oil free screw ≥ 15 kW
- Fix speed OR VSD
- Pressure variant
- Supply voltage variant



For more information

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