

8 & 10
BAR



AF COMPRESSORS

Can AF Compressors also supply 8-10 bar, oil free air compressors to reduce my operating costs with a long life?



ENERGY COSTS
reduced by 15 %?

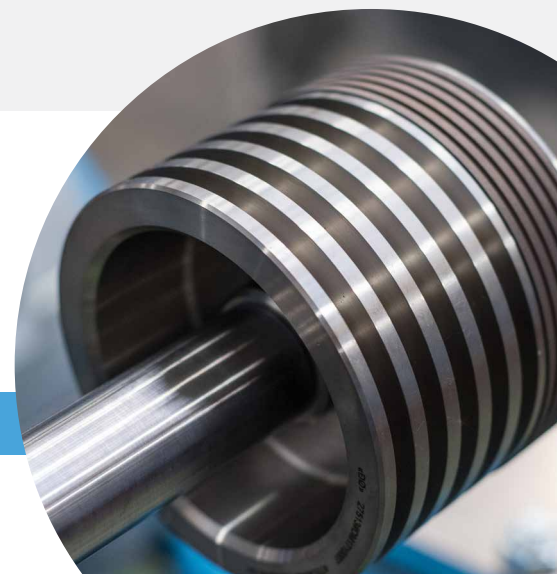
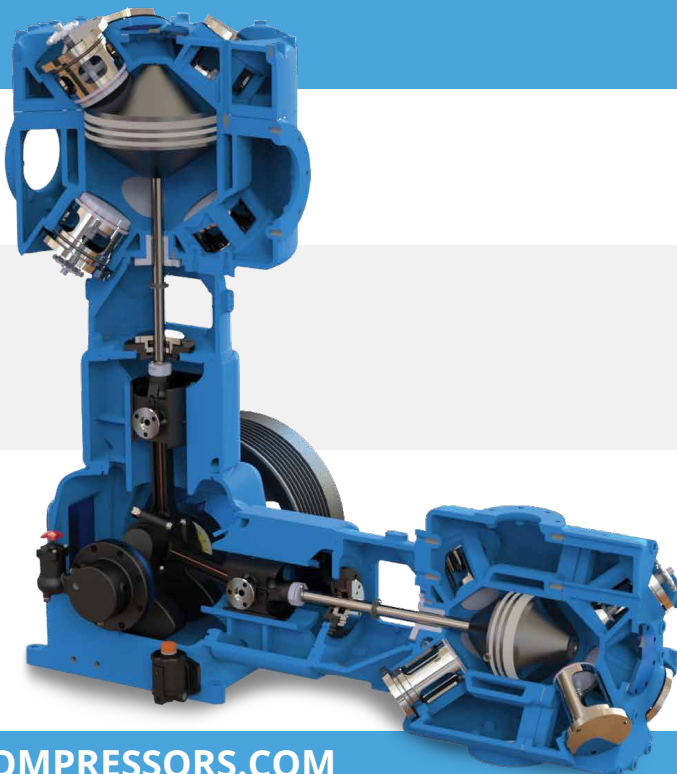


MAINTENANCE COSTS
reduced by 50 %?



LONGEVITY
Long life?

YES! AF Compressors can provide sustainable and long life 8 to 10 bar oil free air compressor!



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With a superior energy efficiency, reliability, and a proven lifespan of up to 40 years without major overhaul, AF COMPRESSORS is offering minimum total cost of ownership solutions.

A constant focus on redesign and optimisation of the oil free piston compressor technology is resulting in one target. To create the best solution, world-wide, to face compressed air applications.

AFCOMPRESSORS is taking the request from our customers literally.

AF COMPRESSORS for industrial applications – long lasting and trusted technology delivering the ultimate energy efficiencies and significantly lower total cost of ownership, the superior oil free air compressor.

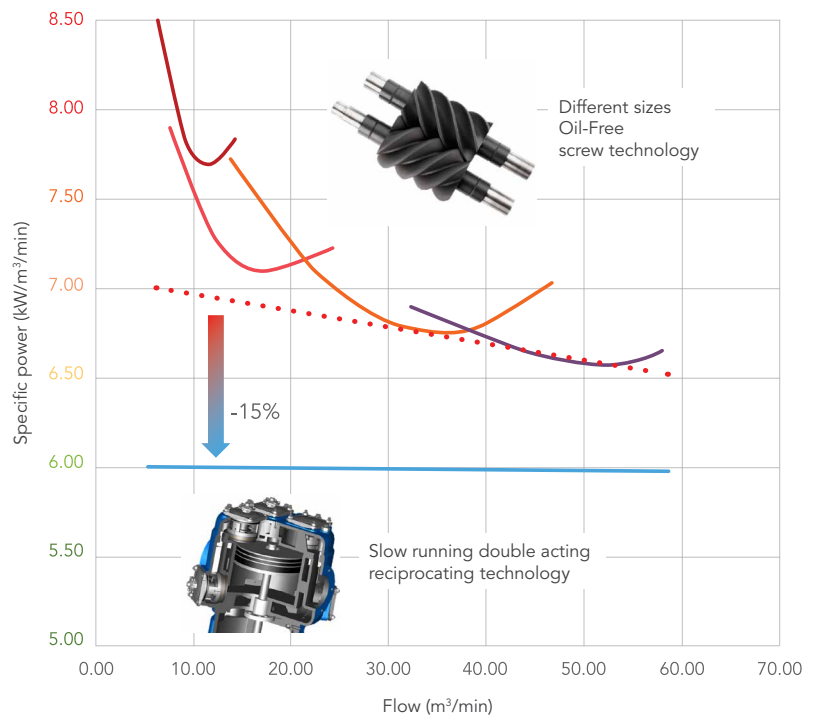
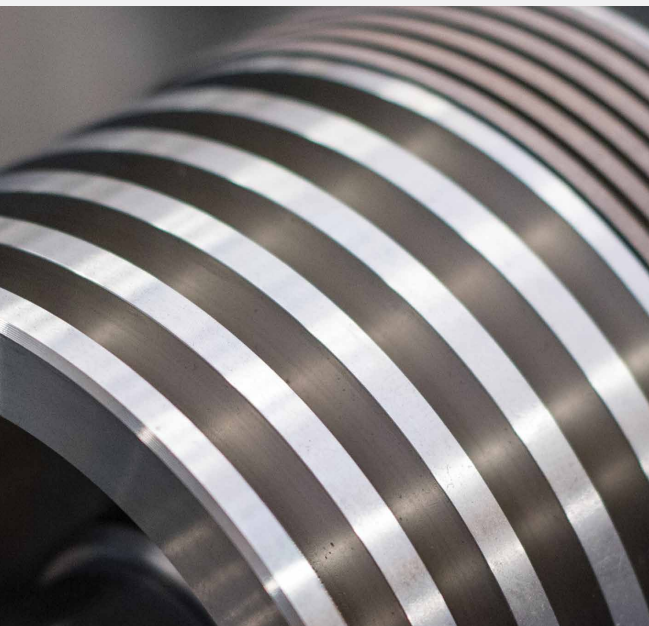
We are proud of our solutions for our clients.



All wearing parts designed for an easy maintenance, long lifetime. No air end to replace.



Reduced downtime over the life of the compressor. OPC compressors of AF are designed to operate for a minimum of 8,000 hours between service which delivers total peace of mind, in any kind of environment.





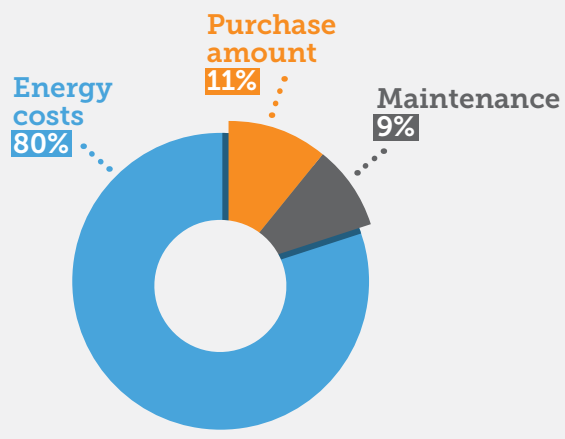
“ AF COMPRESSORS is constantly driving the development to create a better performance out of the oil free piston compressors. ”

Why our customers rely on AF COMPRESSORS

What matters the most

Life cycle cost

- 80% are energy cost
- a constant energy efficiency
- a reliable product



SIMPLE & EFFICIENT DESIGN
LOW SPEED: 400-700 RPM
LESS WEAR



LOW ENERGY CONSUMPTION
FEWER MOVING & WEARING PARTS



LOW MAINTENANCE COSTS



2 STAGE: ONLY 2 PISTON ROD ASSEMBLIES, FEW VALVES



A CONSTANT ENERGY EFFICIENCY OVER THE LIFESPAN

The big differences that will effect you!



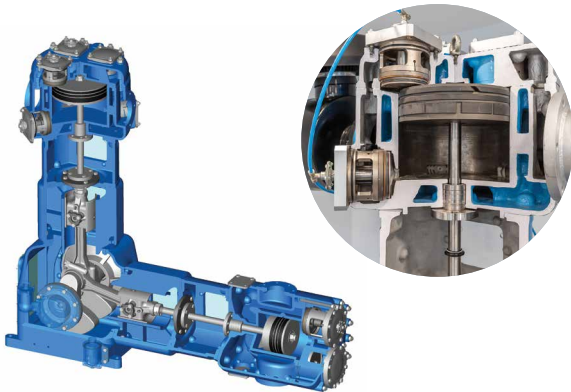
ENERGY



MAINTENANCE

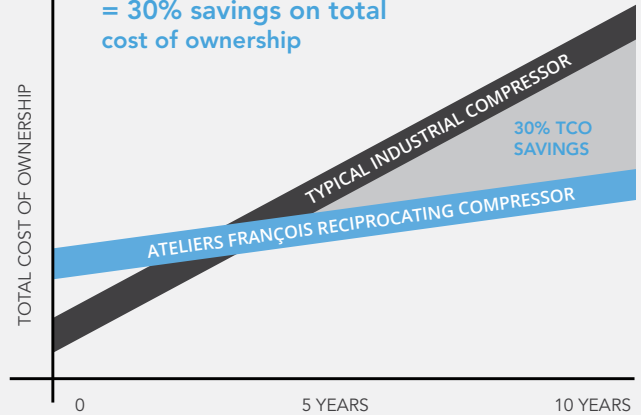


LIFETIME



Over 10 years

- 24% Energy reduction
 - + No need to replace airend
 - + No need to replace compressor
- = 30% savings on total cost of ownership**



Example of savings

OPC110-8 vs OFS110-8 based on CAGI data 02.2020

OFS = oil free screw	OPC = oil free piston
Based on 15 m ³ /min consumption ; 8000 running hours ; 0,1 €/kWh	
<p>OFS 110 kW</p> <ul style="list-style-type: none"> ▶ 17,2 m³/min max. ISO1217 ▶ 121,1 kW/h max elektr. consumption ▶ 43,8 kW/h min. elektr. consumption <p>15 / 17,2 = 87,2% ▶ 121,1 kW X = 0,872 = 105,599 kWh load time</p> <p>1-87,2=12,8% 43,8 kW/h x 0,128 = 5,61 kW/h</p> <p>Total = 105,599 + 5,61 = 111,21 kW/h</p> <p>111,21 kW/h x 8000 = 889.680 kW/h total</p>	<p>OPC 110 kW</p> <ul style="list-style-type: none"> ▶ 20,0 m³/min ▶ 115,1 kW/h max. elektr. consumption ▶ 12,4 kW/h min elektr. consumption <p>15/20 = 75% ▶ 115,1 kW X 0,75 = 86,325 kWh load time</p> <p>1-0,75 =25% 12,4 kW/h x 0,25 = 3,1 kW/h</p> <p>Total = 86,325 + 3,1 = 89,425 kW/h</p> <p>89,425 kW/h x 8000 = 715.400 kW/h total</p>
<p>889.680 – 715400 = 174.280 kW/h 174.280 kW/h x 0,1 €/kWh x10 years ▶ 174.280 € savings within 10 years with an OPC vs OFS same volume of compressed air, same pressure</p>	
<p>24,36 % savings in the energy costs</p>	

SEE our General brochure
OPC, Range of capacities attached.

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