



PARTS & ACCESSORIES

1) AIR ENDS / ROTOR

Double Screw technology with oversized rotors creating a better air flow at lower rpm.
 New Generation high efficiency 5:6 Lobe Profile rotors
 Air-End runs cooler due to lower rpm.
 Air-End is more durable and has an extended lifespan.
 German Air-End technology.
 Well balanced Air-End SKF bearings.



2) OIL/AIR COOLERS

Uniquely designed oversized cooler.
 Compressor runs cooler and in return increases the lifespan of the parts and components.
 Discharge temperature is lower providing quality air.
 Compressor runs cooler minimising the need to engage the cooler fan and saving cost.



3) COMPUTER CONTROLLER (PLC)

Electronic Computer Controller monitors and controls the output pressure, adjustable from 4 Bar up to 13 Bar depending on model. Protection, Parameters and Alarm alerts customers of the following: phase down, phase rotation, low voltage, high temperatures or overheating, service intervals overdue, low oil levels, high pressure overload and sensor failure. Controller displays the running time, motor current on start up and running amps, load and unload conditions, service intervals and pressure settings. Having a good quality Electronic Controller is vital in the protection and longevity of your compressor.



4) SUPA-46 COMPRESSOR OIL

Tried and tested Supa-46 Compressor Oil is imported from Italy and ensures minimum friction and wear to compressor parts. Our Supa-46 Compressor Oil complies with the international German Industrial Standards DIN-50506 VDL Standard for all environmental conditions.



5) OIL FILTER

Perfectly suited to each model to ensure optimum lubrication to improve longevity.
 Quality OEM (Original Equipment Manufacturer) Filters for **SUPA-AIR**.
 German specifications.



6) MOTORS

Fitted with SKF industrial bearings on all our motors.
 Reliable motors 380V and 525V with IP54 enclosure depending on customers' requirements.
 High efficiency and energy saving, kw and hp of motor suited to the specific Air-End to ensure energy savings.



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7) AIR INLET VALVE

New design which is more reliable with less moving parts. Shock forces on bearings during loading and unloading is reduced by controlled regulation using a smooth acting suction valve. In addition, Modulation Control on units above 55KW further reduces maintenance costs and energy wastage.



8) OIL/AIR SEPARATOR

Excellent pre-separation of oil from the compressed air is achieved through the combination of a large volume separator vessel, baffle plates and directional path changes before coming into contact with the generously dimensioned separator element. This process results in a low content of residual oil, approximately 3ppm, which improves the longevity of the separator element whilst reducing maintenance costs.



9) RECEIVER / SEPARATOR VESSEL

The receiver/ separator vessel used in our oil separator are SANS 347 compliant and carries the necessary ASME Division VIII Section I accreditation as required by law.



10) AIR FILTERS

High efficiency and minimal loss of air pressure is achieved through generously dimensioned inlet filters positioned at the highest points possible where inlet air is at its cleanest. Only the best in cutting edge filtration technology is used to ensure an effective barrier against particulate contamination, thus extending the lifespan of the compressor



11) MINIMUM PRESSURE VALVES

Quality minimum pressure valve ensures a constant stable pressure in the system and a minimal pressure loss.



12) SWITCH GEAR AND ELECTRICAL COMPONENTS

Only top international brands (ABB & Siemens) are used in a SUPA-AIR compressor depending on model, this includes Switch Gear for the Star Delta combination.

