

Oil Free Scroll

Compressor pump

8 bar and 10 bar

Oil free Scroll Air Compressors

The scroll compressor is extremely quiet (53-60 dB) and safe. The Compressors are operating according to air consumption and also selects the optimum number of scroll style air-ends to run.

- Clean 100% Oil free air
- Energy savings
- Multi-stage control system
- Safe
- Smart, compact design

Capacity

500 l/min

Power

5 pk / 3.7 kW

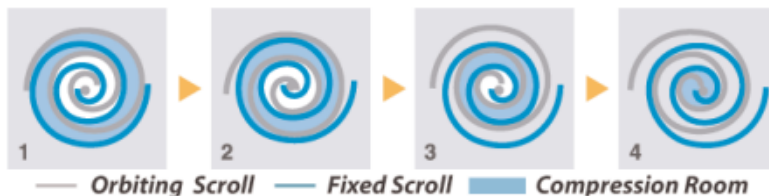
Workload

8 bar & 10 bar

As the orbiting scroll rotates from No. 1 position to the No. 4 position the crescent shaped compression room at a semetrical point is gradually reduced, compressed and exhausted through the outlet at the center of the air end.

In food production, animal husbandry, hospitals, electronics manufacturing or the pharmaceutical industry, the quality of compressed air for production processes is of decisive importance. Oil-free SCROLL compressors from RENNEN are especially suitable for applications with high demands on clean compressed air and eliminate the risk of oil contamination. 100% oil-free compressed air is the solution. This therefore also means that the purchase and maintenance of air filters is no longer necessary. High reliability and low operating and maintenance costs argue in favor of SCROLL compressors.

The compaction of the air occurs steplessly through the interaction of a rigid and a rotating compression element with worm gear.



This compression process - which repeats itself endlessly - ensures a flow of compressed air with little pulsation. The small number of moving components and the use of high-quality materials constitute a function guarantee for safe and reliable application throughout the entire operating life.

