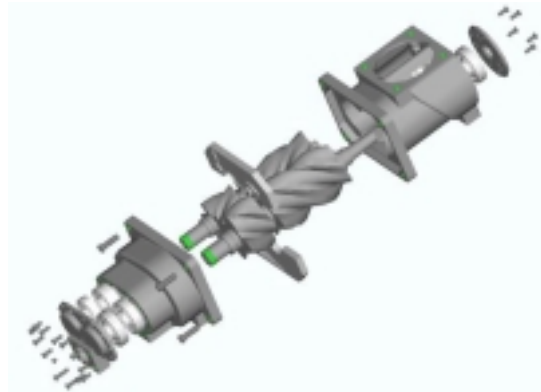
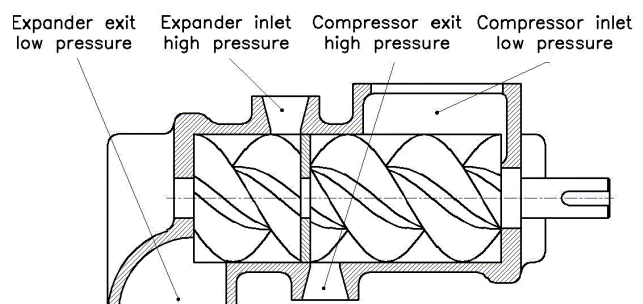
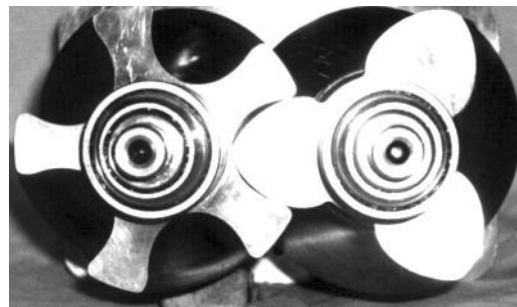


COMPRESSOR-EXPANDER FOR FUEL CELL APPLICATIONS

City University, London, who are world leaders in screw compressor and expander technology, have developed a compressor-expander specifically for fuel cell applications, which embodies a number of novel and patented features, based on more than 20 years R and D work on twin screw machines.



- Fully optimised design based on advanced proprietary software
- High compression and expansion efficiencies, due to patented “N” profile rotors.
- Improved overall efficiency due to reduced mechanical losses, resulting from a patented configuration which balances the compressor and expander rotor loads.



- Low manufacturing cost due to the performance of both compression and expansion functions on a single pair of rotors, which are produced in one machining operation.