

Introduction to Xinran hydrogen liquid drive compressor (Maximum pressure: 1000 kg)

- »» Xinran liquid-driven compressors are currently the most popular compressors for hydrogen applications. It has been installed worldwide in fixed and mobile gas stations, industrial and manufacturing sites, R&D facilities, and offshore applications. The standard model has a rated discharge pressure of 10 to 100 MPa and a motor of 2 to 40kW.
- »» Compressors can be customized for specific pressures, capacities and applications.

- 1 Oil-free non-lubricating gas piston.
- 2 The full stroke spacing block isolates the hydraulic drive from the cylinder.
- 3 Large inlet pressure range, no inlet pressure regulator is required.
- 4 Simple structure, suitable for high pressure.
- 5 Cylinder volume efficiency is high.
- 6 The water-cooled cylinder can reduce the working temperature and prolong the life of the packing.



Core competence

