



Sauer Compressors

SAUER

HAUG



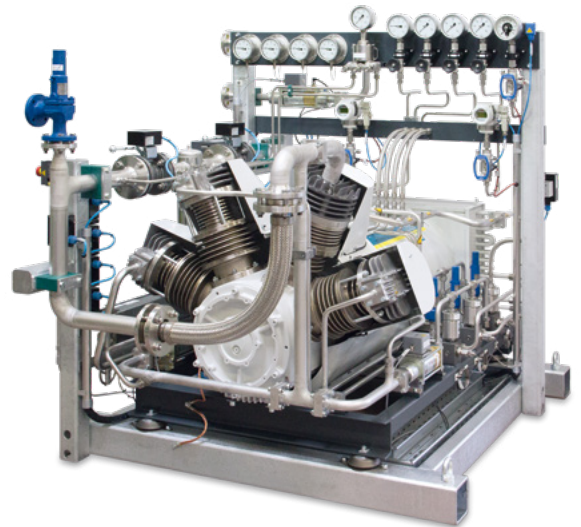
HYDROGEN COMPRESSORS

Dependable up to 500 bar – anywhere, anytime, anygas.

Compressors from the HAUG product line stand out by their oil-free and hermetically gas-tight design. This ensures excellent gas and process purity, making the compressor an ideal choice for sensitive applications such as industrial gases, medical and bio technology as well as the chemical, pharmaceutical and food industries.

Due to the unique combination of high-pressure cylinders with NanoLoc® design, the HAUG.Sirius NanoLoc can reach a final pressure up to 450 barg.

- ✓ Oil-free design
- ✓ Hermetically gas-tight with magnetic coupling drive
- ✓ NanoLoc® high-pressure stages
- ✓ Inlet pressures of up to 30 barg
- ✓ Suitable for final pressures up to 450 barg and a max. volume flow rate of up to 65 m³/h
- ✓ Ex-proof versions acc. to ISO 80079-34:2018 and the European ATEX directive 2014/34/EU



HAUG.Sirius NanoLoc

HAUG.Sirius 33G

Gas Inlet Pressure:	20/30 barg	Flow Rate:	44/66 m ³ /h
Gas Outlet Pressure:	450 barg	Rated Power:	14.6/15.9 kW

HAUG.Sirius 33G

Gas Inlet Pressure:	13/16 barg	Flow Rate:	36/44 m ³ /h
Gas Outlet Pressure:	350 barg	Rated Power:	14.6/15.9 kW

HAUG.Sirius 44G

Gas Inlet Pressure:	5/7.5 barg	Flow Rate:	24/37 m ³ /h
Gas Outlet Pressure:	450 barg	Rated Power:	15.5/18.9 kW

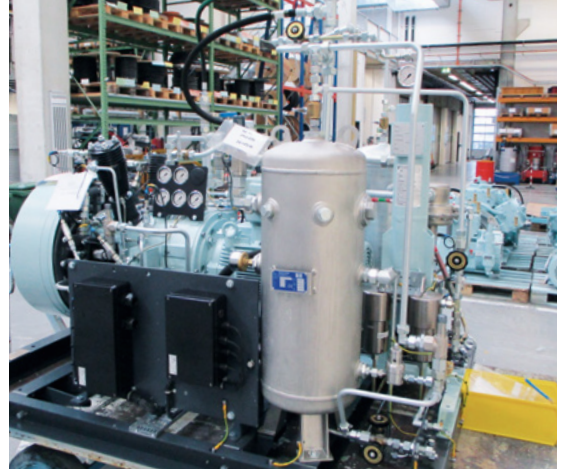
HAUG.Sirius 44G

Gas Inlet Pressure:	4/7.5 barg	Flow Rate:	23/43 m ³ /h
Gas Outlet Pressure:	350 barg	Rated Power:	13.3/18.4 kW

SAUER

The product line Sauer stands for oil-lubricated heavy-duty machines that are an efficient and economical solution for all kinds of industrial hydrogen applications.

- ✓ Special gas-tight design
- ✓ Proven in the most demanding conditions in industry and offshore applications
- ✓ Inlet pressures of up to 20 barg
- ✓ Suitable for final pressures up to 450 barg and a max. volume flow rate of up to 1000 m³/h
- ✓ Ex-proof versions acc. to ISO 80079-34:2018 and the European ATEX directive 2014/34/EU



//// Hurricane



Hurricane WP 4331 BasSeal^{H2}

Gas Inlet Pressure: 0,05 barg
Gas Outlet Pressure: 350 barg

Flow Rate: up to 26 m³/h
Rated Power: 15 kW

Hurricane WP 4341 BasSeal^{H2}

Gas Inlet Pressure: 0,05–0,2 barg
Gas Outlet Pressure: 350 barg

Flow Rate: up to 36 m³/h
Rated Power: 22 kW

Hurricane WP 4351 BasSeal^{H2}

Gas Inlet Pressure: 0,05–0,2 barg
Gas Outlet Pressure: 350 barg

Flow Rate: up to 76 m³/h
Rated Power: 38 kW

//// 6000 series



6000 series BasSeal^{H2}

Gas Inlet Pressure: 0,05–20 barg
Gas Outlet Pressure: 450 barg


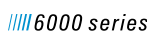
Flow Rate: up to 1000 m³/h
Rated Power: 45–250 kW

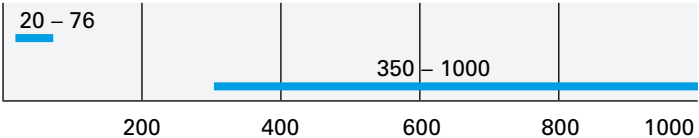
Hydrogen compressor range

Hydrogen compressors from Sauer Compressors are specially designed for hydrogen applications and represent the most efficient and safe solution for all kinds of applications.

SAUER


oil-lubricated & gas-tight
up to 450 barg

	Inlet Pressure [barg]	Final Pressure [barg]	max. Power [kW]	Volume Flow Range [m ³ /h]
 Hurricane	0.05	150 – 350	11 – 55.0	20 – 76
 6000 series	0.5 – 20	100 – 450	90 – 250.0	350 – 1000




oil-free & hermetically gas-tight
up to 450 barg

	Inlet Pressure [barg]	Final Pressure [barg]	max. Power [kW]	Volume Flow Range [m ³ /h]
<i>HAUG.Sirius NanoLoc</i>	max. 30	100 – 450	10 – 30.0	20 – 66



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