



# Sauer Compressors

SAUER

**HAUG**



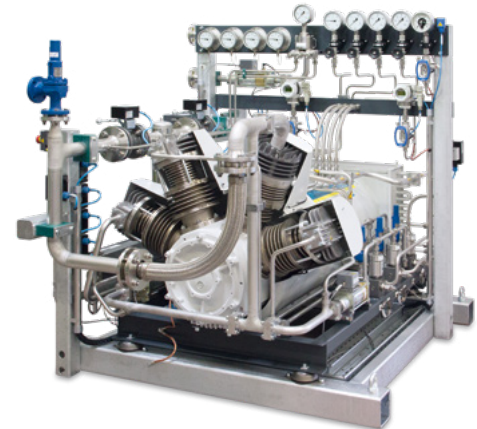
**HYDROGEN COMPRESSORS**

**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 max. volume flow rate of up to 66 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  
Gas Outlet Pressure: 450 barg

Flow Rate: 44/66 m³/h  
Rated Power: 14.6/15.9 kW

**HAUG.Sirius 33G**

Gas Inlet Pressure: 13/16 barg  
Gas Outlet Pressure: 350 barg

Flow Rate: 36/44 m³/h  
Rated Power: 14.6/15.9 kW

**HAUG.Sirius 44G**

Gas Inlet Pressure: 5/7.5 barg  
Gas Outlet Pressure: 450 barg

Flow Rate: 24/37 m³/h  
Rated Power: 15.5/18.9 kW

**HAUG.Sirius 44G**

Gas Inlet Pressure: 4/7.5 barg  
Gas Outlet Pressure: 350 barg

Flow Rate: 23/43 m³/h  
Rated Power: 13.3/18.4 kW

**Performance Overview**

	Inlet Pressure [barg]	Final Pressure [barg]	Max. Power [kW]	Volume Flow Range [m³/h]
HAUG.Sirius NanoLoc	max. 30	100 – 450	13.3 – 18.9	

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 1,000 m<sup>3</sup>/h
- ✓ Ex-proof versions acc. to ISO 80079-34:2018 and the European ATEX directive 2014/34/EU



## //// Hurricane



### Hurricane WP 4331 BasSeal<sup>H2</sup>

Gas Inlet Pressure: 0.05 barg

Gas Outlet Pressure: 350 barg

Flow Rate: up to 26 m<sup>3</sup>/h

Rated Power: 15 kW

### Hurricane WP 4341 BasSeal<sup>H2</sup>

Gas Inlet Pressure: 0.05–0.2 barg

Gas Outlet Pressure: 350 barg

Flow Rate: up to 36 m<sup>3</sup>/h

Rated Power: 22 kW

### Hurricane WP 4351 BasSeal<sup>H2</sup>

Gas Inlet Pressure: 0.05–0.2 barg

Gas Outlet Pressure: 300 barg

Flow Rate: up to 76 m<sup>3</sup>/h

Rated Power: 38 kW

## //// 6000 series



### 6000 series BasSeal<sup>H2</sup>

Gas Inlet Pressure: 0.05–20 barg

Gas Outlet Pressure: 450 barg

Flow Rate: up to 1,000 m<sup>3</sup>/h

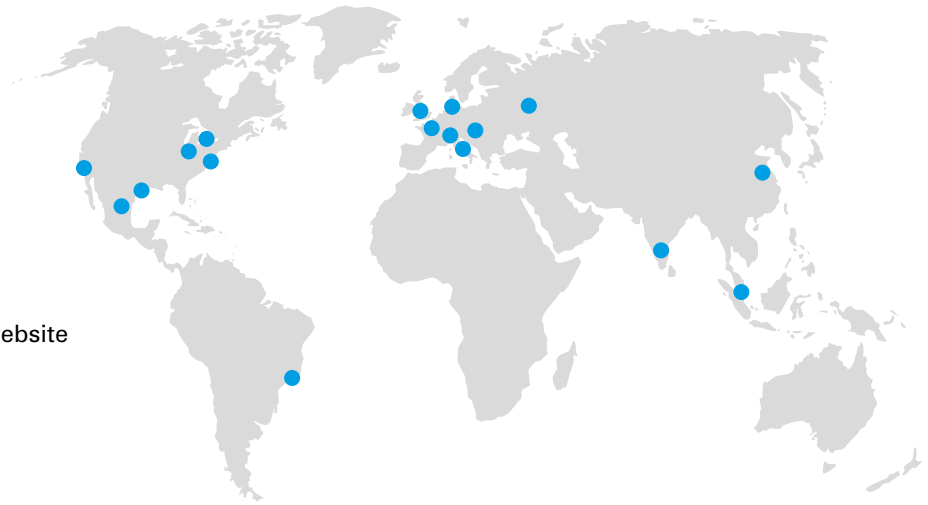
Rated Power: 90–200 kW

### Performance Overview

	Inlet Pressure [barg]	Final Pressure [barg]	Max. Power [kW]	Volume Flow Range [m <sup>3</sup> /h]
//// Hurricane	0.05–0.2	150–350	15–38	26–76
//// 6000 series	0.05–20	100–450	90–200	350–1000



# Sauer Compressors



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