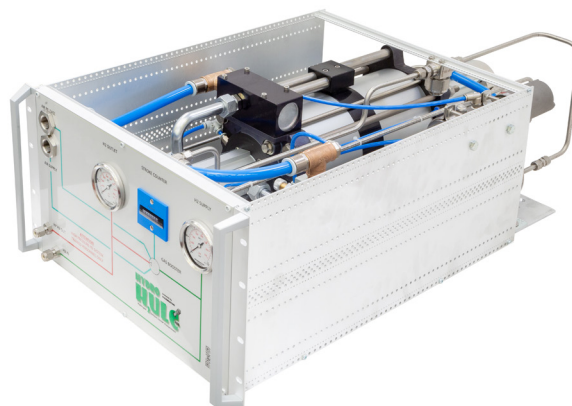


MAXIMATOR®

Maximum Pressure.

High Pressure Technology • Testing Equipment
Hydraulics • Pneumatics



MAXIMATOR H₂ Gas Booster

HYDRO H₂ULC Series



Application

The Maximator Hulc Series is a modular Gas Compression System, specifically designed for Hydrogen compression up to 1000 bar with scaleable volume flow.

A standard configuration up to 1000 bar consists of one control module (MASTER-module) and up to three gas booster modules (X-modules) - first stage module up to 140 bar, second stage module up to 400 bar and the final stage module up to 1000 bar. This configuration will provide a gas outlet flow of 1 kg Hydrogen per hour. For higher outlet capacities more modules can be connected easily.

This complete series is installed in 19" rack frames with front panel mounting and front connection for easy installation, exchange and access. This system can be easy installed and combined. For all applications the MASTER module is mandatory and is handling safety and functional features for maximum three X-modules. The X-modules can be combined and connected depending on the application.

HYDRO H₂ULC Advantages



High availability



Innovative Design



Modular system



Plug and boost



Scalable compression power



Safety and service friendly

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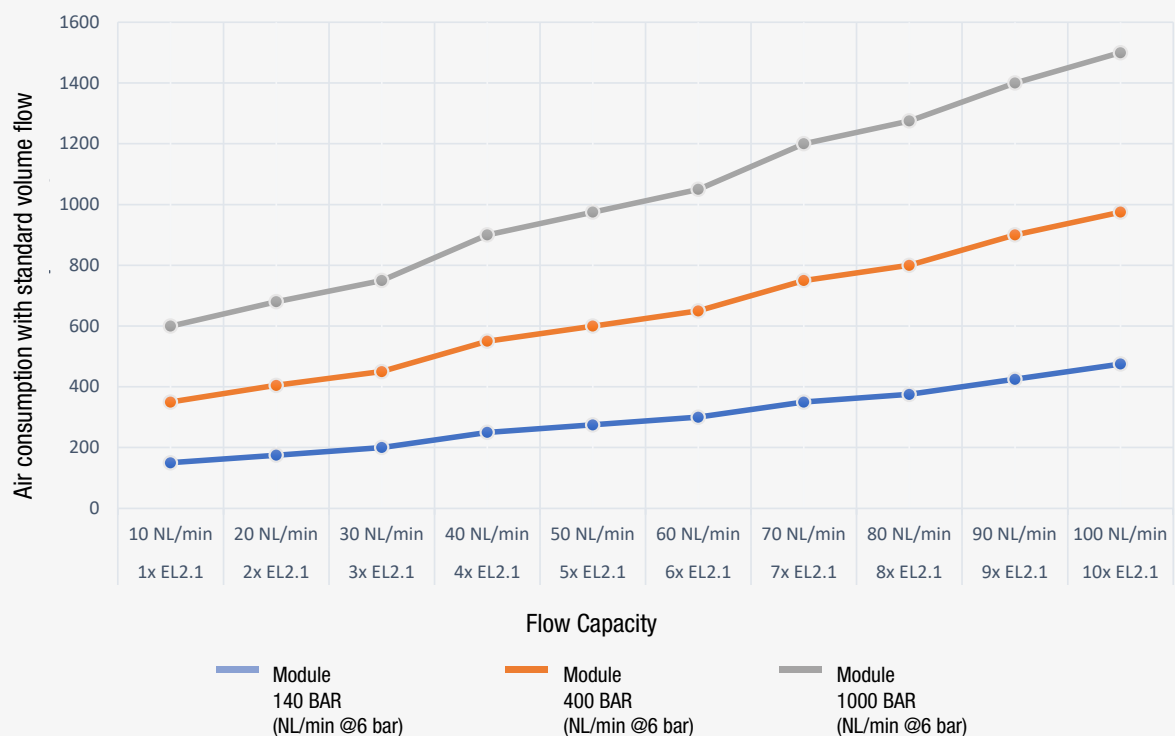
Maximum Pressure.

Technical Data

H2 Gas Booster 19"	Module Master	Module 140	Module 400	Module 1000
Pressure class	1000 bar	140 bar	400 bar	1000 bar
Gas booster type	-	DLE 15-2	DLE 30-2	DLE 75-2
Mass flow H2	up to 1 kg/h			
Air supply connection	BSP 3/4"			
Air bleed connection	-	BSP 3/4"		
Gas supply	3/8"			
Gas outlet	4M	4M*	4M	
Dimension (LxWxH)	483x770x270 (6HE)		483x920x270 (6HE)	
Weight	16 kg	50 kg		

*... Adapter available to 8 mm SWAGELOK tubing

Air consumption diagram



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