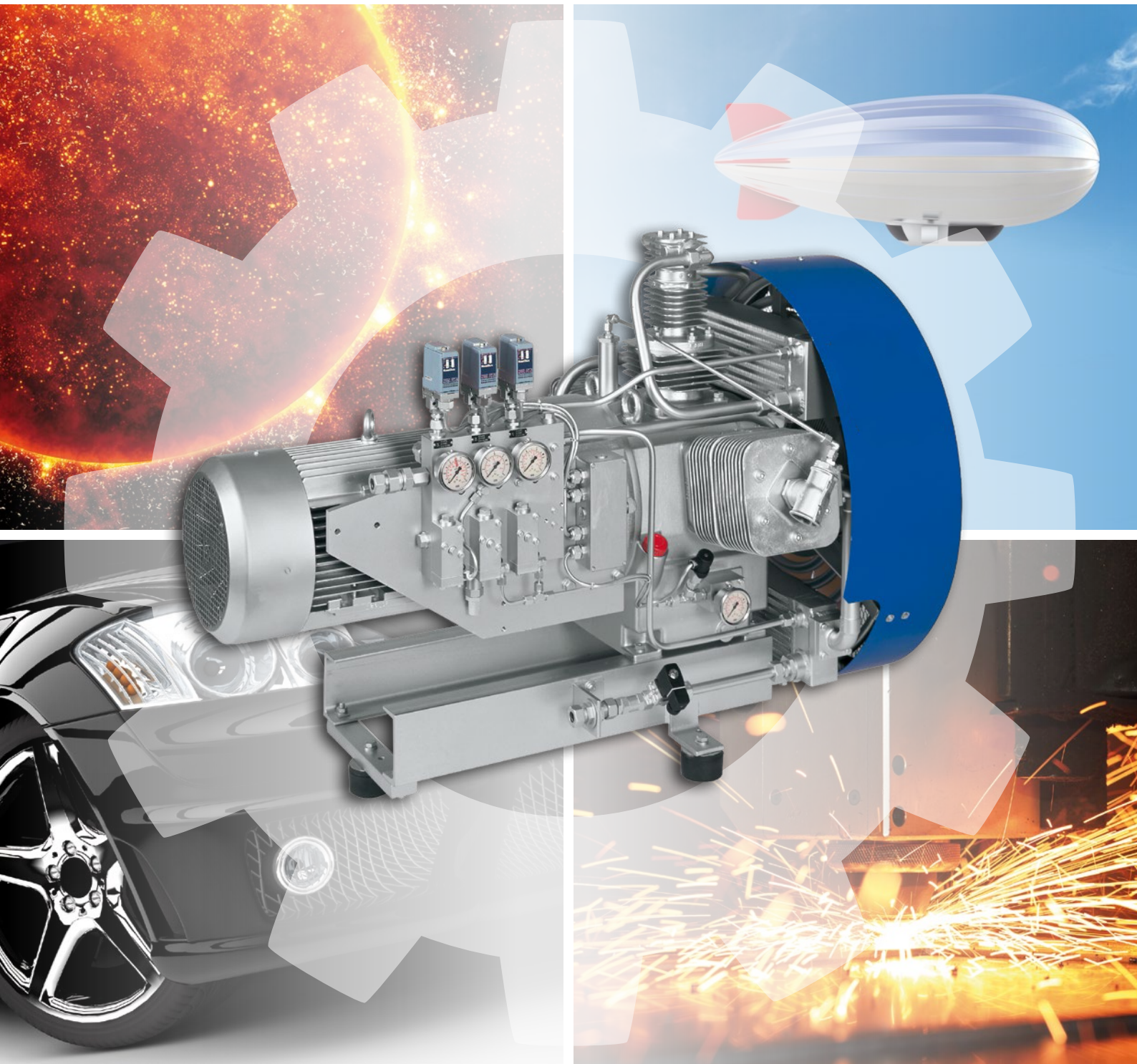


HELIUM COMPRESSORS

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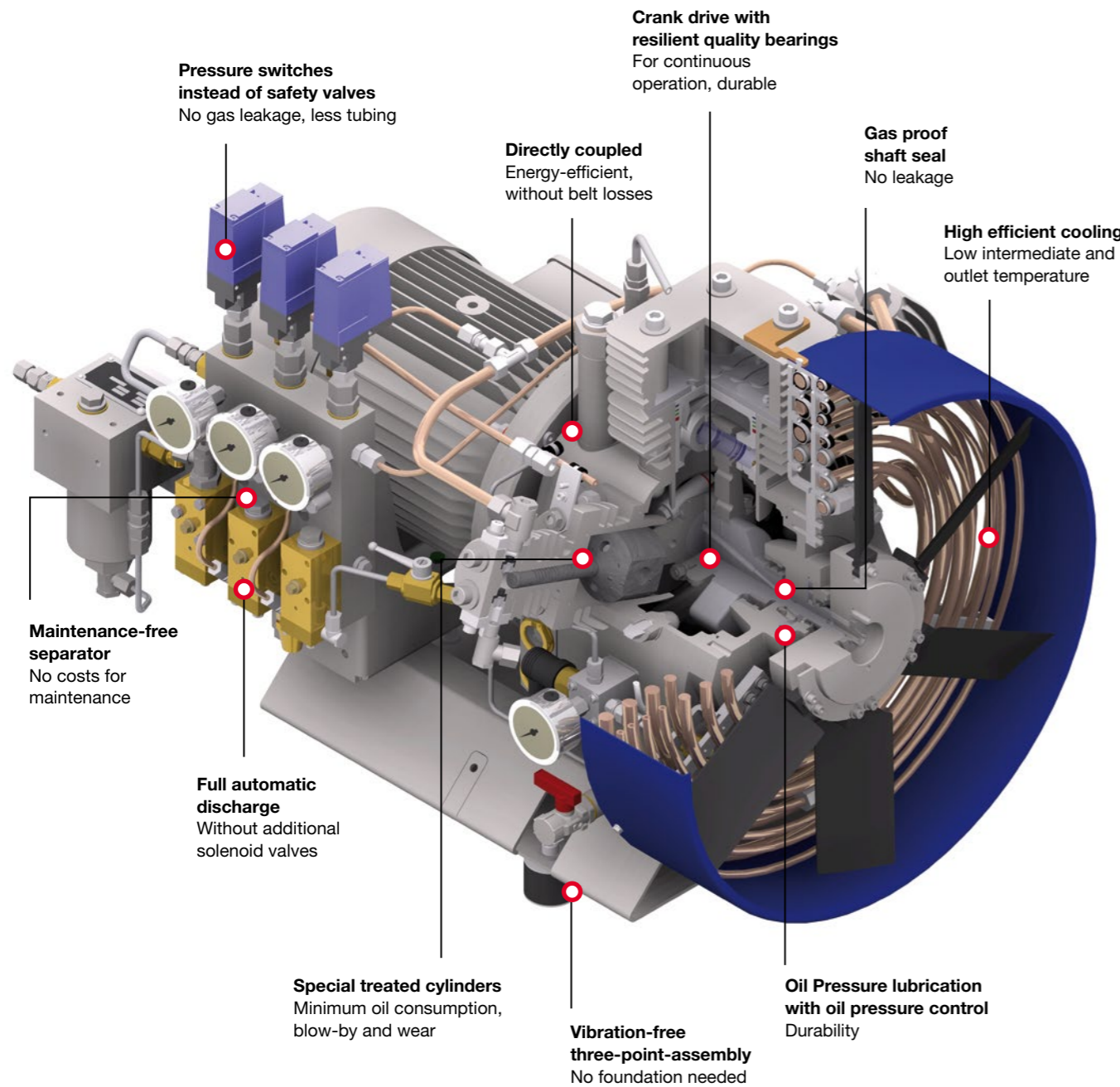
Innovative compressor technology

Lifetime business partner



MADE IN GERMANY

HELIUM COMPRESSORS



The helium compressors of J.A. Becker & Söhne are versatily applicable and ready to accept any challenge.

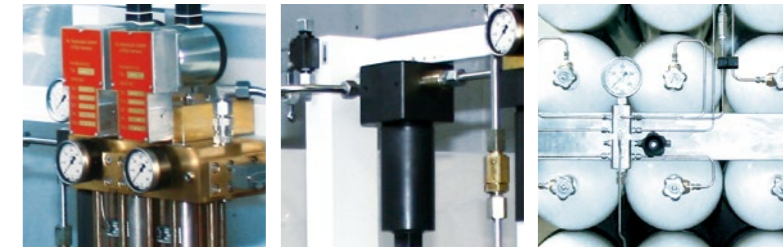
Fields of application are e.g.

- > supply of test benches for function or leakage tests
- > gas injection technology (GIT) for the production of plastic components
- > helium filling systems

Compressor unit and accessories

The compressor unit is a plug & play solution that requires little installation effort and can be put quickly and easily into operation. A broad range of optional accessories are available for both the compressor and the compressor unit.

The scope of delivery differs depending on the type of the compressor and the compressor unit. In most cases the compressor unit consists of the compressor itself supplemented by the electric control, pressure sensors for inlet and outlet pressure, output temperature monitoring, set connection hoses and bulkhead fittings. They are installed completely assembled and electrically wired on a compressor base frame.



Additional accessories:

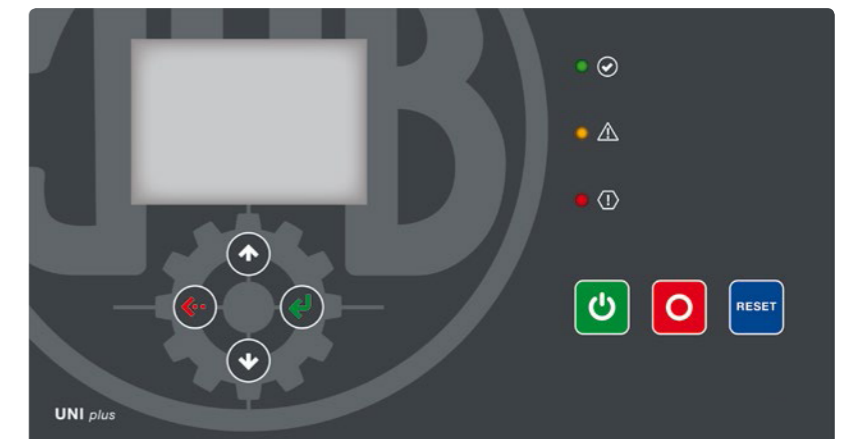
e.g. heating, dryers, filters, (high) pressure storages, armatures and soundproof hoods

Our support and service package is rounded off by our offer of acceptance tests through different certification companies, professional installations with subsequent commissioning as well as an extensive range of trainings.

Compressor control

The JABcommand **UNI plus** fulfills all requirements for electric controls regarding intuitive operating concepts and additional networking possibilities.

The focus mainly lies on monitoring and safety functions, on automated operation of the unit and on optimization of service as well as maintenance processes.



Features of the JABcommand **UNI plus** are among other things:



Error messages are displayed both in full text and with the classic error code. Additionally, a large error memory is available for better traceability.



As master control the JABcommand **UNI plus** offers the possibility to monitor and operate one single or several compressors.



The **optional rotating field monitoring** ensures that faults in the supply line are detected which arise during installation or maintenance on the power supply.



The yellow info LED on the display indicates **service intervals** and general notifications such as gasket, shaft or piston running times.



Intuitive operating concepts as well as the design of all switches and pushbuttons according to machine guideline 60204 facilitate handling and service of the system.



Potential-free contacts ensure that the current operating state of the compressor can e.g. be displayed in control centers.

TECHNICAL DATA

HELIUM COMPRESSORS

Type	Volume flow rate ¹⁾²⁾			Max. operating pressure			Pressure stages	Cylinders	Electric motor	Revolutions	Length	Width	Height
	l/min	m ³ /h	cfm	bar	MPa	PSI							
SV 125/40 He	125	7,5	4,4	40	4,0	580	2	2	3	1000	650	495	520
SV 245/40 He	245	14,7	8,7	40	4,0	580	2	2	4	1500	650	540	560
SV 500/40 He	500	30,0	17,7	40	4,0	580	2	2	9	1500	850	640	670
SV 1100/40 He	1100	66,0	38,8	40	4,0	580	3	3	18,5	1500	1300	950	950
SV 2400/40 He	2350	141,0	83,0	40	4,0	580	3	4	37	1500	1570	1080	1120
SV 1101/80 He	1100	66,0	38,8	80	8,0	1160	3	3	18,5	1500	1300	900	950
SVB 225/250 He	225	13,5	7,9	250	25	3626	3	3	7,5	1500	920	770	650
SVC 450/350 He	455	27,3	16,1	350	35	5076	4	4	15	1500	1195	775	830
SVD 600/350 He	575	34,5	20,3	350	35	5076	4	4	15	1500	1205	890	925
SVD 700/350 He	700	42,0	24,7	350	35	5076	4	4	22	1500	1270	890	925
SVB 1100/350 He	1080	64,8	38,1	350	35	5076	4	4	30	1500	1460	1050	1085
SVB 1300/350 He	1390	83,4	49,1	350	35	5076	4	4	45	1500	1580	1080	1150

1) Acc. to ISO 1217 ref: 1.013 bar(a) 20°C Medium: Air

2) Correction factor Helium = Air * 0,94



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Errors and technical modifications reserved.