

NITROGEN COMPRESSORS

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J.A. Becker & Söhne

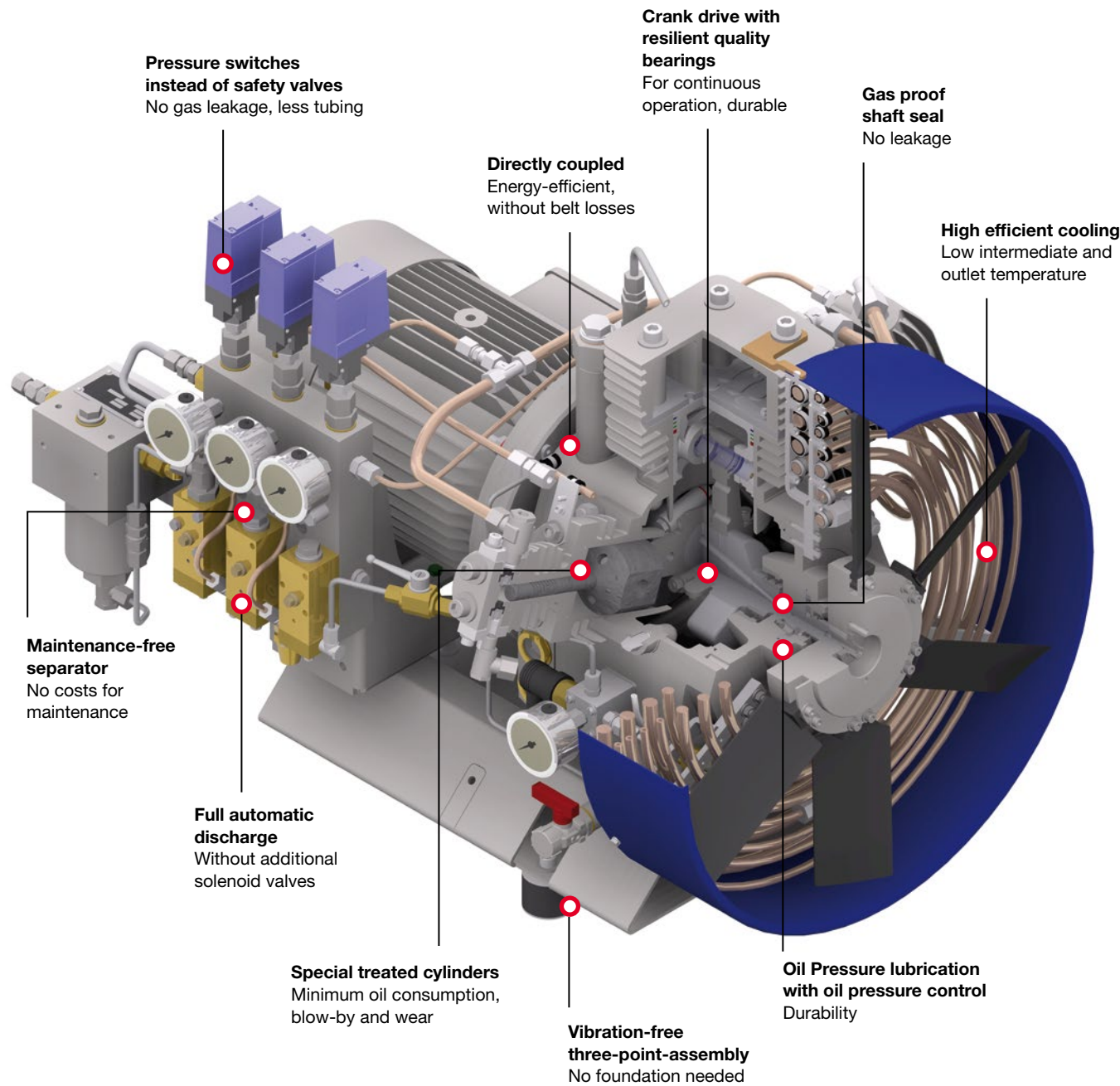
Innovative compressor technology

Lifetime business partner



MADE IN GERMANY

NITROGEN COMPRESSORS



The nitrogen compressors of J.A. Becker & Söhne are **versatilely applicable and ready to accept any challenge.**

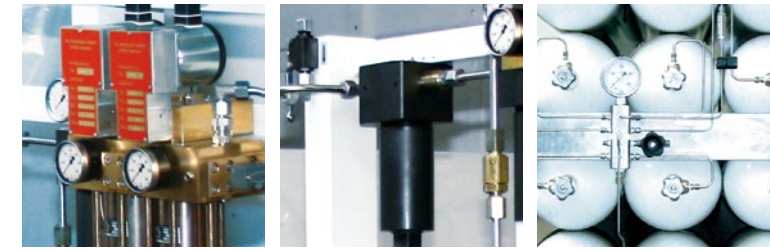
Fields of application are e.g.

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

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:

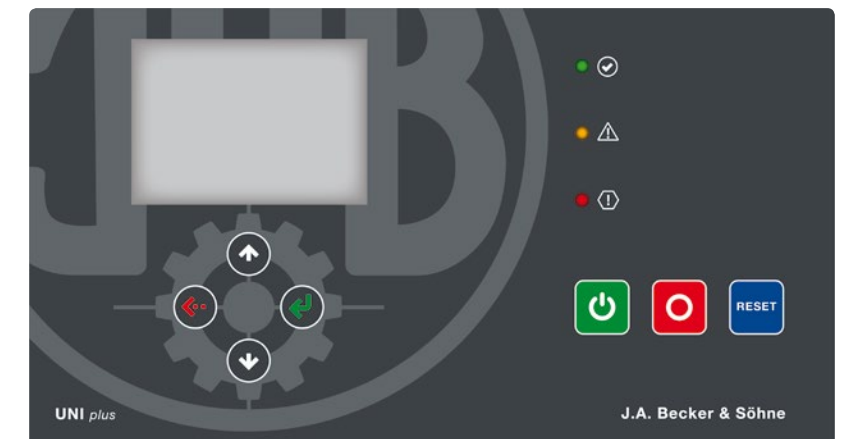
e.g. heating, dryers, filters, (high) pressure storages, armatures and soundproof hoods

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

NITROGEN COMPRESSORS

Type	Inlet pressure			Volume flow rate ¹⁾			Max. operating pressure			Pressure stages	Cylinders	Electric motor	Revolutions	Length	Width	Height
	bar	kPa	PSI	l/min	m ³ /h	cfm	bar	MPa	PSI							
SV 125/40 N	0,1	10	1,5	144	8,6	5,1	40	4,0	580	2	2	3	1000	650	495	520
	0,3	30	4,4	171	10,3	6,0										
SV 245/40 N	0,1	10	1,5	252	15,1	8,9	40	4,0	580	2	2	4,8	1500	650	540	560
	0,3	30	4,4	298	17,9	10,5										
SV 500/40 N	0,1	10	1,5	545	32,7	19,2	40	4,0	580	2	2	11	1500	850	640	670
	0,3	30	4,4	644	38,6	22,7										
SV 1100/40 N	0,1	10	1,5	1190	71,4	42,0	40	4,0	580	3	3	22	1500	1300	950	950
	0,3	30	4,4	1407	84,4	49,7										
SV 2400/40 N	0,1	10	1,5	2565	153,9	90,6	40	4,0	580	3	4	37	1500	1570	1080	1085
	0,3	30	4,4	3032	181,9	107,1										
SV 225/350 N	0,1	10	1,5	224	13,4	7,9	350	35	5076	3	3	7,5	1500	850	650	650
	0,5	50	7,3	305	18,3	10,8										
SVC 450/350 N	0,1	10	1,5	513	30,8	18,1	350	35	5076	4	4	15	1500	1270	810	890
	0,4	40	5,8	653	39,2	23,1										
SVD 700/350 N	0,1	10	1,5	776	46,6	27,4	350	35	5076	4	4	22	1500	1350	890	925
	0,4	40	5,8	988	59,3	34,9										
SVB 1100/350 N	0,1	10	1,5	1200	72,0	42,4	350	35	5076	4	4	30	1500	1460	1050	1085
	0,3	30	4,4	1430	85,8	50,5										
SVB 1300/350 N	0,1	10	1,5	1500	90,0	53,0	350	35	5076	4	4	45	1500	1580	1100	1150
	0,3	30	4,4	1807	108,4	63,8										
SVB 1300/350 N1	0,5	50	7,3	1816	109,0	64,1	350	35	5076	4	4	45	1500	1580	1100	1150
	0,9	90	13,1	2416	145,0	85,3										
V 5635/350 N	5,5	550	79,8	154	9,2	5,4	350	35	5076	2	2	4	1235	750	650	1200
V 5635/350 N	5,5	550	79,8	205	12,3	7,2	350	35	5076	2	2	5,5	1575	750	650	1200
V 5650/350 N	5,5	550	79,8	500	30,0	17,7	350	35	5076	3	3	7,5	1220	750	650	1200



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MADE IN GERMANY

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

Errors and technical modifications reserved.

