



五洋赛德 | WOYO[®]

WOYO SUPDO COMPRESSOR

01

Enter WOYO SUPDO



Development History

Wuxi Woyo Superdo Compressor Co., LTD. :
The first private enterprise of screw air compressor in China was born

1996年



Wuxi Woyo Superdo Compressor Co., Ltd. was established as a joint venture with German global screw compressor Application Technology Co., LTD



2003



From 2007 to 2021, it was continuously rated as a high-tech enterprise in Jiangsu Province



2007

Woyo brand screw compressor three times in Germany Hannover Mese exhibition



2013



Wuxi Woyo Superdo Compressor Research Institute branch was established, project research and development of vehicle air compressor : Oil-free screw brake air pump



2016

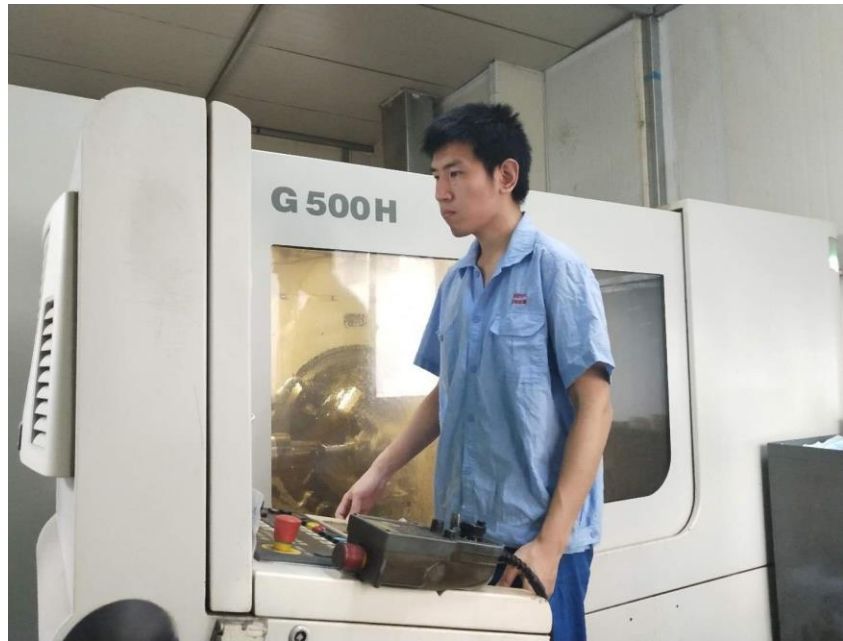
Become the first manufacturer in China that can produce from 3KW-45KW integrated Screw Airend



2018/22



SU & KAPP Grinding Machines



CMM & Machine center



Enterprise Culture



Insistence

For business and team goal,
Values Unwavering belief



Challenge

Stand up bravely and meet
positively
Embrace change and new tasks

Enthusiasm

Have a strong sense of their work
Feelings and strong interests



Innovate

R&d team from time to time new
Products Design and launch new
products



Main Product

Power frequency, frequency conversion, permanent magnet frequency conversion, one compression, two compression, high pressure, low pressure screw air compressor, oil-free scroll air compressor, oil-free screw air compressor

1

Natural gas, new energy vehicles, fire engines, trains, light rail, engineering drilling RIGS, fish pond aerator, vacuum pumps, expansion screw machines, oil-free blowers

2

Screw single airend, screw integrated airend , micro-oil screw rotor customization oil-free screw rotor customization

3

01

Complete machine series

Complete Machine



VSD type with integrated airend

Power range: 15kW-22kW

Type	kw	Air capacity (m ³ /min)	Pressure(Mpa)	mm	inch	kg
KV7	7.5	1.1	0.7	625×625×1040	G 1/2	185
		1.0	0.8			
		0.8	1.0			
KV15	15	2.5	0.7	800×820×1200	G 1	315
		2.3	0.8			
		2.0	1.0			
KV18.5	18.5	3.0	0.7	800×820×1200	G 1	317
		2.9	0.8			
		2.7	1.0			
KV22	22	3.6	0.7	800×820×1200	G 1	317
		3.5	0.8			
		3.2	1.0			

Power frequency primary compression air compressor

Power range: 7.5kW-250kW

Type	kw	Air capacity (m ³ /min)	Pressure (Mpa)	mm	inch	kg
WD7.5	7.5	1.1	0.7	900×670×880	G1/2	193
		1.0	0.8			
		0.8	1.0			
WD11	11	1.6	0.7	1080×750×1000	G3/4	289
		1.5	0.8			
		1.4	1.0			
WD15	15	2.5	0.7	1080×750×1000	G3/4	310
		2.3	0.8			
		2.0	1.0			
WD18.5	18.5	3.0	0.7	1380×850×1160	G1	419
		2.9	0.8			
		2.7	1.0			
WD22	22	3.5	0.7	1380×850×1160	G1	444
		3.3	0.8			
		3.1	1.0			
WD30	30	5.1	0.7	1380×850×1160	G1	572
		4.9	0.8			
		4.4	1.0			

Power frequency primary compression air compressor

Type	kw	Air capacity (m ³ /min)	Pressure (Mpa)	mm	inch	kg
WD37	37	6.5	0.7	1130×1110×1400	G1	770
		6.2	0.8			
		6.0	1.0			
WD45	45	8.0	0.7	1130×1110×1400	G1	820
		7.3	0.8			
		6.9	1.0			
WD55	55	10.1	0.7	1800×1230×1450	G1 1/2	1300
		9.7	0.8			
		8.3	1.0			
WD75	75	13.5	0.7	2000×1450×1450	G2	1260
		12.5	0.8			
		11.6	1.0			
WD90	90	16.2	0.7	2300×1470×1840	G2	1580
		15.0	0.8			
		13.8	1.0			
WD110	110	20.8	0.7	2300×1470×1840	G2	1730
		20.6	0.8			
		17.0	1.0			

Power frequency primary compression air compressor

Type	kw	Air capacity (m ³ /min)	Pressure (Mpa)	mm	inch	kg
WD132	132	24.2	0.7	2300×1470×1840	G2	2060
		23.0	0.8			
		20.3	1.0			
WD160	160	28.7	0.7	2500×1470×1840	G2 1/2	2320
		27.6	0.8			
		24.6	1.0			
WD185	185	32.0	0.7	3600×2100×2280	DN80	3150
		30.4	0.8			
		27.4	1.0			
WD200	200	35.8	0.7	3600×2100×2280	DN80	3270
		34.1	0.8			
		31.8	1.0			
WD220	220	39.6	0.7	3600×2100×2280	DN100	3260
		38.2	0.8			
		33.2	1.0			
WD250	250	44.1	0.7	3600×2100×2280	DN100	3430
		42.5	0.8			
		39.7	1.0			

Permanent magnet frequency conversion primary compression air compressor

Power range : 7.5kW-250kW

Type	kw	Air capacity (m ³ /min)	Pressure (Mpa)	mm	inch	kg
WDV7.5	7.5	1.1	0.7	900×670×880	G1/2	175
		1.0	0.8			
		0.8	1.0			
WDV11	11	1.6	0.7	1080×750×1000	G3/4	243
		1.5	0.8			
		1.4	1.0			
WDV15	15	2.5	0.7	1080×750×1000	G3/4	255
		2.3	0.8			
		2.0	1.0			
WDV18.5	18.5	3.0	0.7	1380×850×1160	G1	319
		2.9	0.8			
		2.7	1.0			
WDV22	22	3.5	0.7	1380×850×1160	G1	345
		3.3	0.8			
		3.1	1.0			
WDV30	30	5.1	0.7	1380×850×1160	G1	488
		4.9	0.8			
		4.4	1.0			

Permanent magnet frequency conversion primary compression air compressor

Type	kw	Air capacity (m ³ /min)	Pressure (Mpa)	mm	inch	kg
WDV37	37	6.5	0.7	1200×1000×1400	G1 1/2	518
		6.2	0.8			
		6.0	1.0			
WDV45	45	8.0	0.7	1500×1000×1330	G1 1/2	613
		7.3	0.8			
		6.9	1.0			
WDV55	55	10.1	0.7	1800×1250×1670	G2	1380
		9.7	0.8			
		8.3	1.0			
WDV75	75	13.5	0.7	1800×1250×1670	G2	1460
		12.5	0.8			
		11.6	1.0			
WDV90	90	16.2	0.7	2000×1250×1670	G2	1760
		15.0	0.8			
		13.8	1.0			
WDV110	110	20.8	0.7	2300×1470×1840	G2	2240
		20.6	0.8			
		17.0	1.0			

Permanent magnet frequency conversion primary compression air compressor

Type	kw	Air capacity (m ³ /min)	Pressure (Mpa)	mm	inch	kg
WDV132	132	24.2	0.7	2300×1470×1840	G2	2360
		23.0	0.8			
		20.3	1.0			
WDV160	160	28.7	0.7	2500×1470×1840	G2 1/2	2750
		27.6	0.8			
		24.6	1.0			
WDV185	185	32.0	0.7	3600×2100×2280	G2 1/2	3250
		30.4	0.8			
		27.4	1.0			
WDV200	200	35.8	0.7	3600×2100×2280	DN80	3270
		34.1	0.8			
		31.8	1.0			
WDV220	220	39.6	0.7	3600×2100×2280	DN100	3570
		38.2	0.8			
		33.2	1.0			
WDV250	250	44.1	0.7	3600×2100×2280	DN100	3670
		42.5	0.8			
		39.7	1.0			

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Integrated aierend

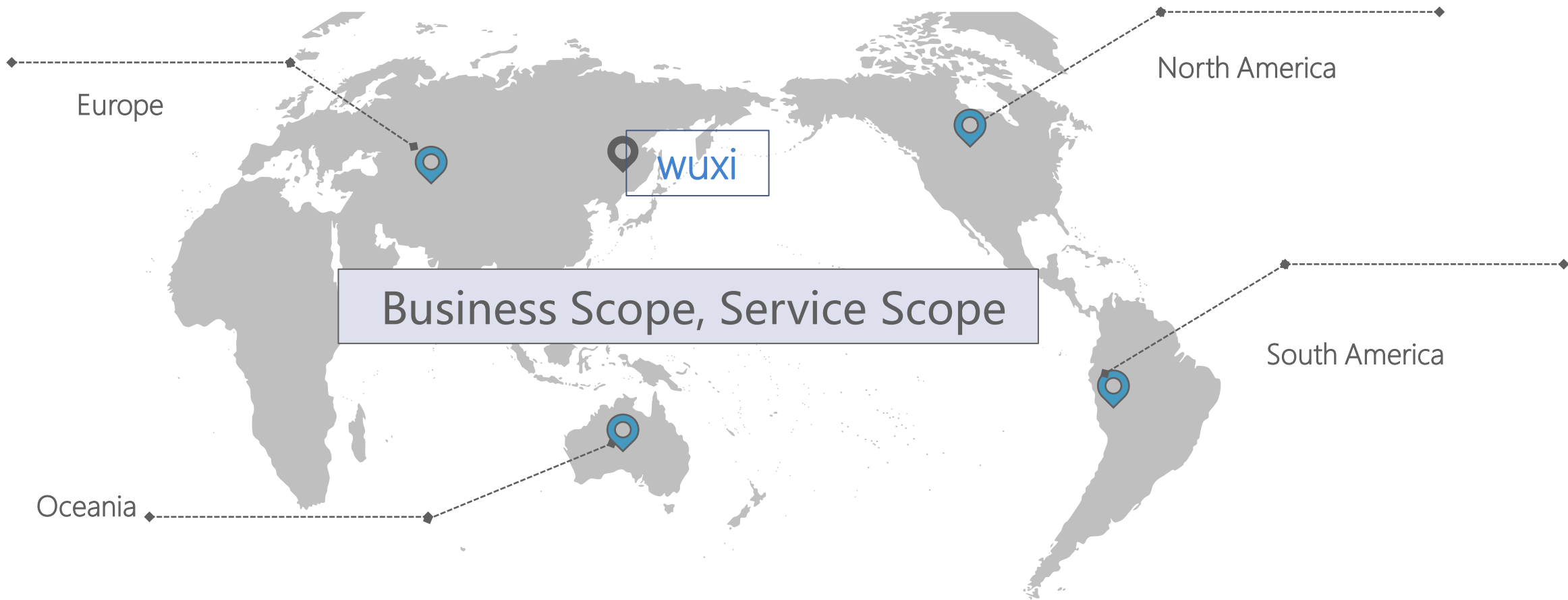
Parameters of Integrated airend

K & GCU series



Parameters of Integrated airend

NO.	Type	Power range		7bar kw/rpm/capacity			Dimension	Weight	CD OF ROTORS(mm)
		KW	HP	KW	rpm/min	M3/min	L*W*H	KG	
1	K5	2.2~5.5	3~7.5	3	3000	0.37	335×311×382	35	42
2	K10	4.0~11	5.5~15	5.5	3600	0.73	400×350×500	40	50.5
3	GCU10	3~7.5	4~10	7.5	3600	1.05	375×353×470	43	55
4	GCU13*	4~15	5.5~20	11	5800	1.45	375×353×470	43	55*
5	GCU33	15~22	20~30	15	3600	2.3	477×438×633	75	73
6	GCU55	30~37	40~50	37	4000	5.3	692×673×608	190	90
7	GCU55L	37~55	50~75	45	4200	6.4	720×673×608	195	90



Europe

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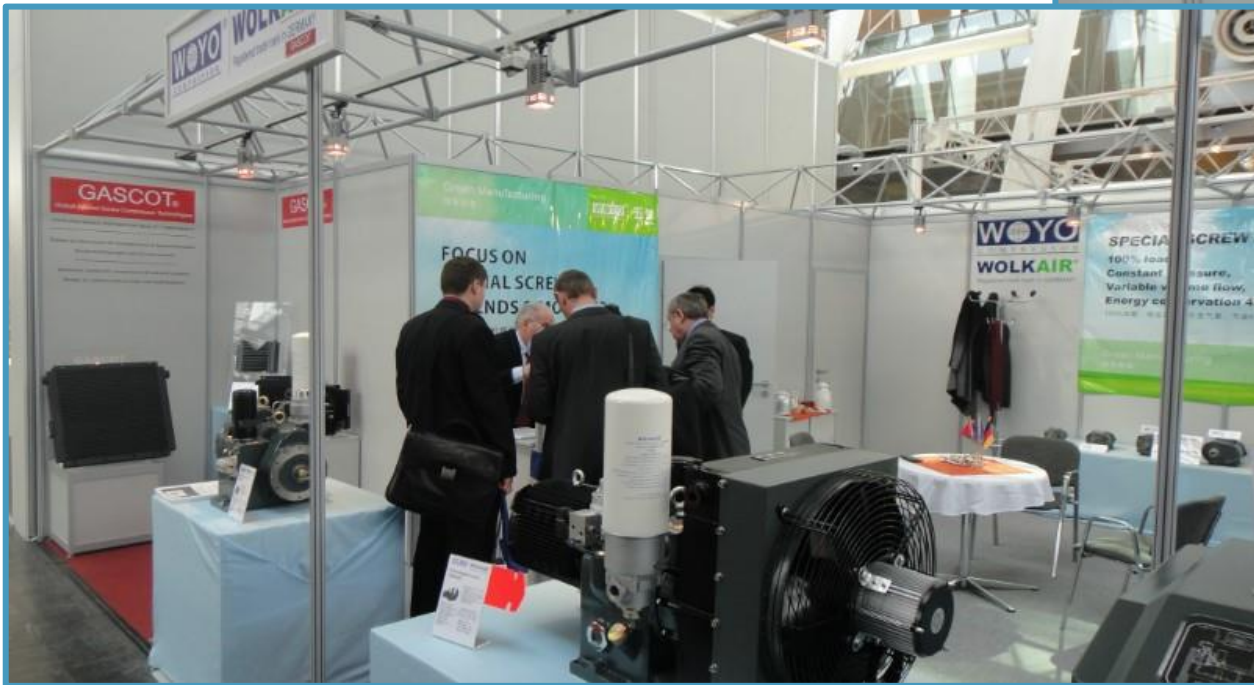
North America

Business Scope, Service Scope

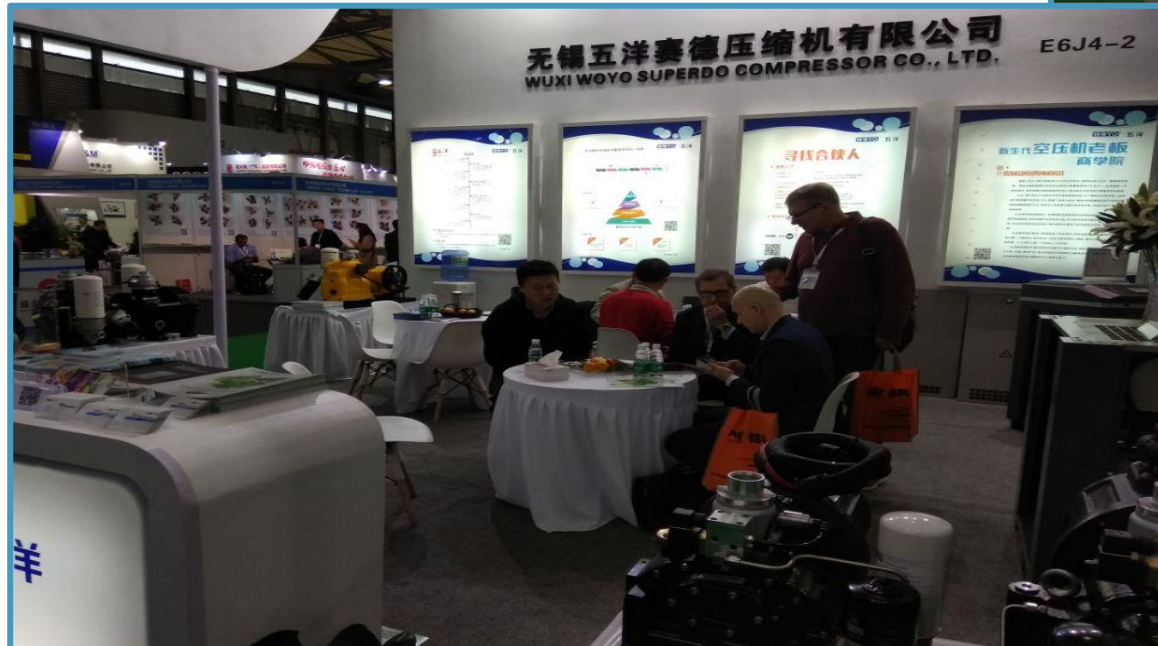
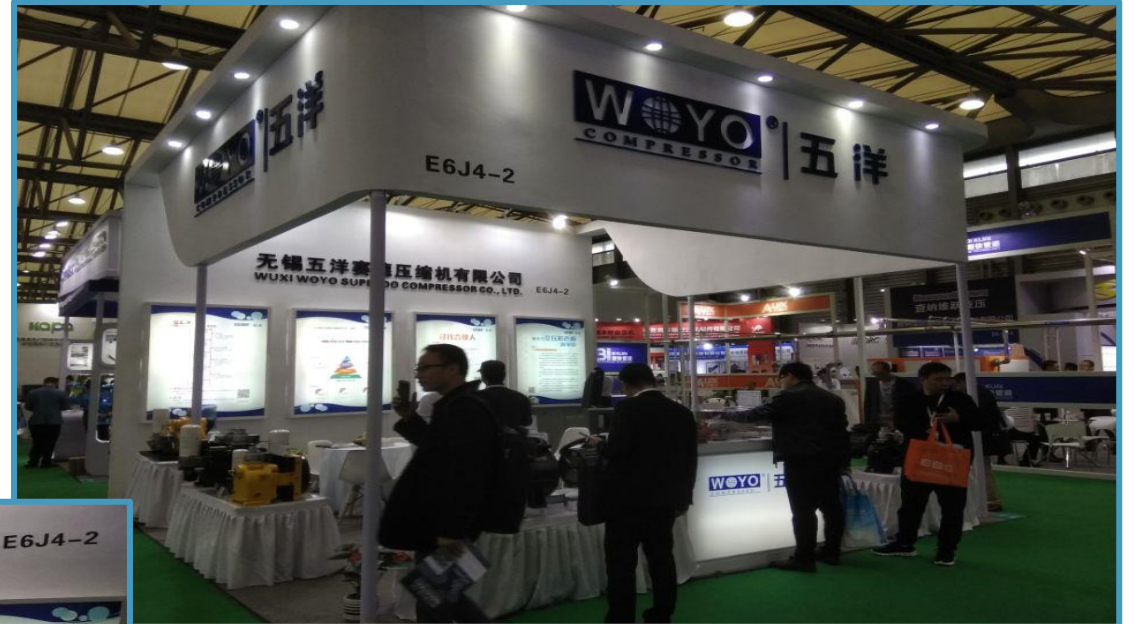
South America

Oceania

Germany Hannover compressor exhibition



Asia International Power and Transmission Exhibition PTC



Partial export products



Partial export products



THANK YOU FOR
YOUR ATTENTION