



# ZAKF AIR COMPRESSOR



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(86) 769 8162 4099

grace@cnjiubei.com

www.cnjiubei.com  
www.screwaircompressor.cn

# ABOUT US

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## Dongguan City Jiubei Compressor Parts Co.,LTD

Dongguan Jiubei Compressor Parts Co., Ltd. is a professional company engaged in the sales, production, and supply of air compressors, air dryers, air filtration systems, and accessories. We ensure high-quality performance and wide application with low operating costs.

We provide you with the accurate air and gas compression systems required for your application, based on your needs, from various standardized models or customized designs to meet specific requirements, as a complete package for debugging or as an appropriate configuration for supply.

We have nearly 150 workers and a sales team, a modern workshop of 10645 square meters, an excellent design team, advanced processing and manufacturing equipment, complete spraying lines, complete production processes, and strict quality management. We combine the latest technology and tools with our passionate commitment to provide you with high-quality products and perfect warm services.

## ◆ Machinery Equipment

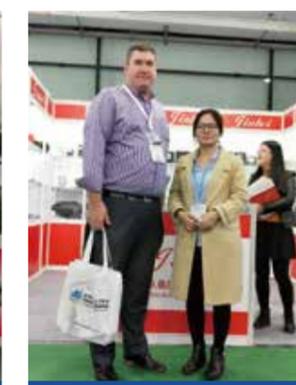


## ◆ Production Scenario





# Exhibition site



# ZABT FIXED SPEED BELT DRIVEN COMPRESSOR



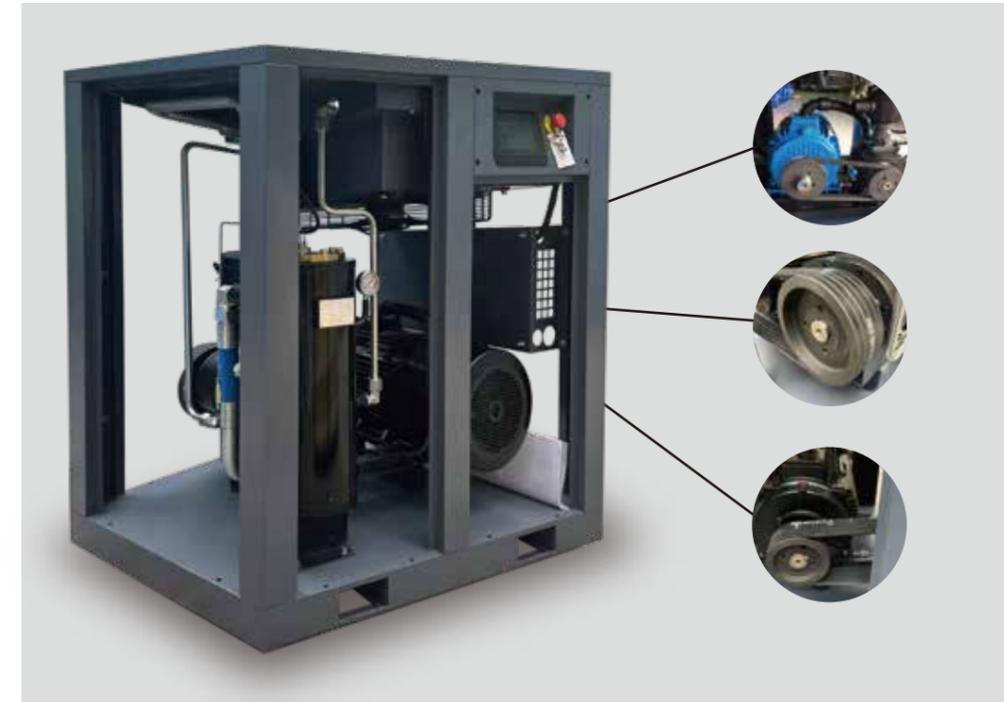
**Advantages of Belt Driven Compressor**  
Belt Driven Compressor is Flexibility Changing the pressure or speed is only a matter of adjusting or replacing the pulleys.

**More cost-effective**  
Belt-drive compressors is more cost-effective to purchase. Consequently, facilities that must focus on their bottom line may need to choose a more economical belt-drive air compressor.

**Low Noise**  
Belt-drive compressors is quieter

**Simple maintenance**  
General maintenance only includes checking the belt tension, lubricating and regularly changing filters and oil.

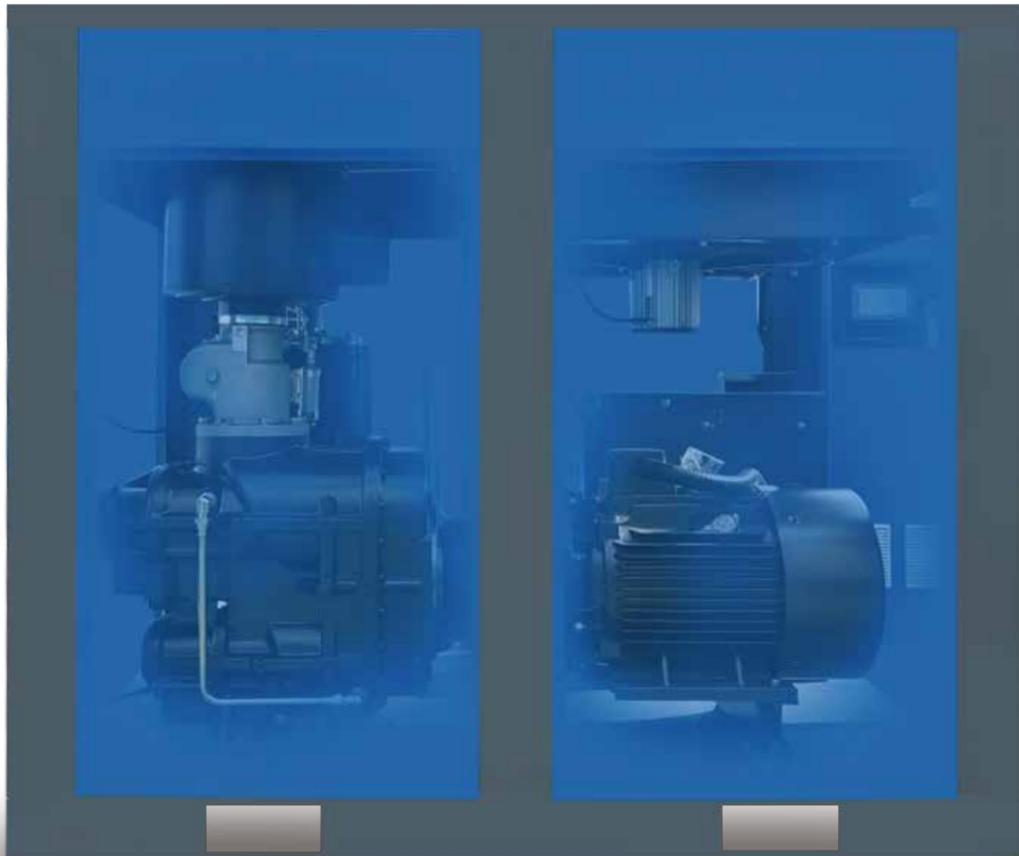
## INTERNAL STRUCTURE



ZAKF FIXED SPEED BELT DRIVEN COMPRESSOR TECHNICAL PARAMETER									
Model	Max Working Pressure		Air Flow		Motor Power		Connection	Weight kgs	Dimension (L*W*H) mm
	Bar	Psi	m3/min	CFM	HP	KW			
ZABT-10	7	102	1.2	42	10	7.5	G 1/2	180	890*650*830
	8	116	1.1	38					
	10	145	0.9	31					
	12	174	0.8	28					
ZABT-15	7	102	1.7	60	15	11	G 3/4	280	1000*700*1000
	8	116	1.6	56					
	10	145	1.4	49					
	12	174	1.1	38					
ZABT-20	7	102	2.4	84	20	15	G 3/4	315	1000*700*1000
	8	116	2.2	77					
	10	145	2.0	70					
	12	174	1.7	60					
ZABT-30	7	102	3.6	127	30	22	G 1	360	1150*800*1100
	8	116	3.4	120					
	10	145	3.2	113					
	12	174	2.9	102					
ZABT-40	7	102	5.2	183	40	30	G 1	360	1150*800*1100
	8	116	5.0	176					
	10	145	4.3	151					
	12	174	3.7	130					
ZABT-50	7	102	6.8	240	50	37	G 1	605	1300*930*1250
	8	116	6.2	219					
	10	145	5.6	197					
	12	174	4.0	140					
ZABT-60	7	102	8.0	282	60	45	G 1-1/2	605	1300*930*1250
	8	116	7.7	272					
	10	145	7.0	247					
	12	174	5.8	204					

# ZA

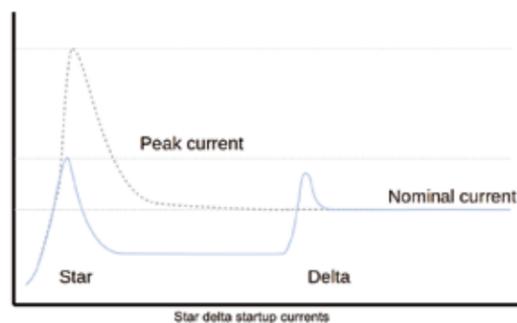
## DIRECT DRIVEN COMPRESSOR



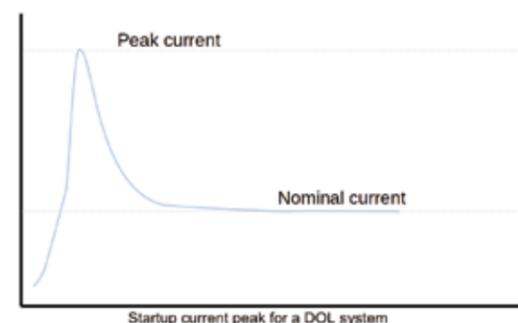
### ZAKF FIXED SPEED DIRECT DRIVEN COMPRESSOR TECHNICAL PARAMETER

Model	Max Working Pressure		Air Flow		Motor Power		Connection	Weight kgs	Dimension (L*W*H) mm
	Bar	Psi	m3/min	CFM	HP	KW			
ZA-10	7	102	1.2	42	10	7.5	G 1/2	180	890*650*830
	8	116	1.1	38					
	10	145	0.9	31					
ZA-15	7	102	1.7	60	15	11	G 3/4	280	1000*700*1000
	8	116	1.6	56					
	10	145	1.4	49					
ZA-20	7	102	2.4	84	20	15	G 3/4	315	1000*700*1000
	8	116	2.2	77					
	10	145	2.0	70					
ZA-30	7	102	3.6	127	30	22	G 1	360	1150*800*1100
	8	116	3.4	120					
	10	145	3.2	113					
ZA-40	7	102	5.2	183	40	30	G 1	360	1150*800*1100
	8	116	5.0	176					
	10	145	4.3	151					
ZA-50	7	102	6.8	240	50	37	G 1	605	1300*930*1250
	8	116	6.2	219					
	10	145	5.6	197					
ZA-60	7	102	8.0	282	60	45	G 1-1/2	605	1300*930*1250
	8	116	7.7	272					
	10	145	7.0	247					
ZA-75	7	102	10.0	353	75	55	G 2	625	1500*1000*1300
	8	116	9.1	321					
	10	145	8.5	300					
ZA-100	7	102	13.5	477	100	75	G 2	980	1800*1200*1540
	8	116	12.6	445					
	10	145	11.2	395					
ZA-120	7	102	16.1	568	120	90	G 2	980	1800*1200*1540
	8	116	15.0	530					
	10	145	13.8	487					
ZA-150	7	102	21.0	742	150	110	DN65	2200	2500*1500*1850
	8	116	19.8	699					
	10	145	17.4	614					
ZA-180	7	102	25.2	890	175	132	DN65	2300	2500*1500*1850
	8	116	24.0	848					
	10	145	21.1	745					
ZA-220	7	102	28.7	1014	220	160	DN80	3900	2800*1800*1900
	8	116	27.6	975					
	10	145	24.6	869					
ZA-250	7	102	32.0	1130	250	185	DN80	4200	2800*1800*1900
	8	116	30.4	1074					
	10	145	27.5	971					
ZA-300	7	102	36.7	1296	300	220	DN100	4600	3300*1900*1950
	8	116	34.7	1226					
	10	145	30.2	1067					
ZA-350	7	102	42.0	1484	350	250	DN100	5000	3300*1900*1950
	8	116	40.5	1431					
	10	145	38.1	1346					
			12	174					

## Advantages



Star delta startup currents



Startup current peak for a DOL system

## WHY DO YOU CHOOSE VARIABLE SPEED COMPRESSOR?

- Using VSD screw air compressor can help save huge power fee.
- Variable Speed Compressor running 3years , the operation energy savings charges will higher than the purchase new compressor.

### How to Calculate Energy Saving?

For example 1 unit 37KW ordinary compressor has an average air production of only 70% of the rated air flow capacity. It operates for 8,000 hours a year and consumes 0.7/kWh of electricity. Compared with a vsd compressor, it consumes more electricity:

#### (A)

No-loading power consumption: 30% unloading time × no-load current loss generated during unloading (45% × 37KW/hour) × 8000 hours/year × 0.7 RMB/kWh = 28,000 RMB/year = us\$ 4000.00/year

#### (B)

Pressure difference power consumption: 70% loading time × loss caused by 2bat higher pressure difference (14%× 37KW/hour) × 8000 hours/year × 0.7 RMB/kWh = 20,300 RMB/year= US\$2900.00/year

A no-load loss + B pressure difference loss = 48,300 RMB/year.  
=us\$ 6900.00/year

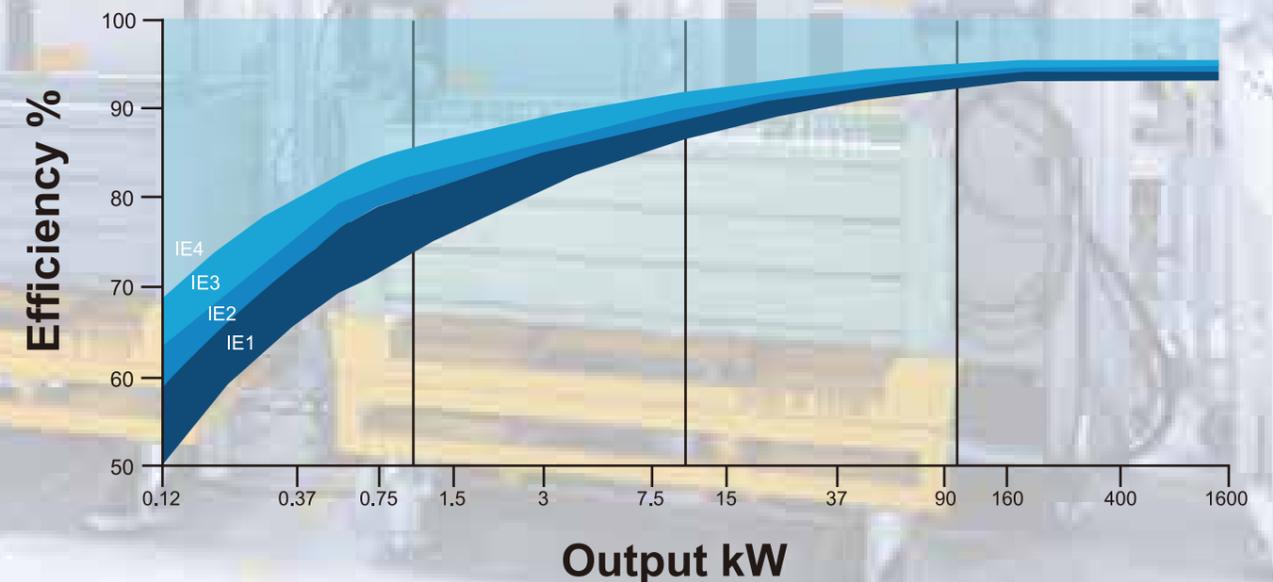
The above shows that if use vsd compressor, the electricity bill saved by three years of operation exceeds the purchase principal of an inverter unit: us\$ 6900.00/year X 3 years = us\$ 20,700.00

**Running for 8,000 hours a year, with an average load of 70%, the direct power saving results are:**

Power	15kw	22kw	37kw	55kw	75kw	90kw	110kw	250kw
Save electricity cost (one year us\$ )	US\$ 2800.00	US\$ 4085.00	US\$ 6900.00	US\$ 10242.00	US\$ 13970.00	US\$ 16700.00	US\$ 20500.00	US\$ 46570.00

# 40% Energy-saving

ZAKF PM Variable Speed Compressor



# ZAY PM VARIABLE SPEED COMPRESSOR

# FIRST-CLASS OVERALL SOLUTION



## HIGH TEMPERATURE RESISTANT CONTACTOR

The use of large brand contactors can meet the control needs of high-voltage circuits, with good anti vibration performance, ensuring stable and reliable operation in mechanical start stop and other situations. It can work normally in high-temperature environments and meet various harsh industrial application scenarios.



## HIGH QUALITY FREQUENCY CONVERTER

ZAKF frequency converter stepless speed regulation, the regulator through the internal controller or pid converter, can gentle start to use, since the inverter itself has a soft-start function, the starting current is at most 1.2 times of the rated current, mitigating the impact on the power grid and energy saving



## ENERGY SAVING MEASURES

The electricity cost is the biggest cost of the compressor, the compressor adopts AIRKING asymmetric tooth leading, long diameter than reasonable, than old tooth to improve the efficiency of 20%, 40% energy saving, and high efficiency and energy saving, as a result, the initial investment of quickly make up for.



## ENVIRONMENTAL PROTECTION

Ultra quiet design-give you a quiet space, fully enclosed mute type design, the inside of the box with a sound foam, can effectively absorb noise, the noise is low compared to similar 3-5 db(A), the overall layout of the structure is reasonable, the maintenance is very convenient.



## PERMANENT MAGNET MOTOR

1.permanent magnet motor with high performance NdFeB permanent magnet, 120 degrees C magnetic loss, the with over 15 years of life.

2.the stator coil adopts frequency special corona resistant enamelled wire. Insulation performance,Longer life.

3.can realize the soft start, when running, the motor current will no exceed the full load current,At the same time,greatly reduce the impact on power grid equipment,won't cause damage to the electrical equipment injury.



## PERFECT MONITOR SYSTEM

Screw air compressor control system adopts microcomputer intelligent monitoring system, in order to adapt to the China market demand, touch panel, stable and reliable, simple operation, operation Staff without special training, only need to start and stop operation. El series screw air Gas compressor unit with automatic loading and unloading, the intake air quantity is adjusted automatically, for you to save energy. The unit has automatic fault diagnosis, display, alarm, protection etc.Can.in unattended for 24 hours a day.mnt Injury.



# ZAT TWO STAGE COMPRESSOR



**Perfect design cooling system**  
 ■ Suit to use in high temperature area



**stable air end**  
 ■ Big size air-end, lower running speed, longer service life



**Intelligent micro computer control system**  
 ■ Effective machine protection



**PLC control system**

- English language (if need other Language pls contact with us)
- With maintenance reminds, fault alarm and safety shutdown function
- PLC control system can be diagnosed and protected by itself,thus to protect user
- With block control and remove control function(option)



**High efficiency motor**  
 ■ IP54 protection level  
 ■ Efficient and stable



**Professional design intake valve**  
 ■ Stable  
 ■ Small pressure loss  
 ■ Higher efficiency



**High efficiency oil filter**  
 ■ Long life  
 ■ Easy to replace



## ZAKF PM VARIABLE SPEED COMPRESSOR TECHNICAL PARAMETER

Model	Max Working Pressure		Air Flow		Motor Power		Connection	Weight kgs	Dimension (L*W*H) mm
	Bar	Psi	m3/min	CFM	HP	KW			
ZAY-10	7	102	0.36-1.3	13-46	10	7.5	G 3/4	190	890*650*830
	8	116	0.33-1.1	12-39					
	10	145	0.28-0.95	10-34					
ZAY-15	7	102	0.51-1.7	18-60	15	11	G 3/4	280	1000*700*1000
	8	116	0.48-1.6	17-57					
	10	145	0.42-1.4	15-50					
ZAY-20	7	102	0.72-2.4	25-89	20	15	G 3/4	315	1200*800*1100
	8	116	0.66-2.2	23-78					
	10	145	0.62-2.0	22-71					
ZAY-30	7	102	1.41-3.8	50-134	30	22	G 1	360	1150*800*1100
	8	116	1.1-3.6	39-127					
	10	145	1.96-3.2	69-113					
ZAY-40	7	102	1.59-5.6	56-198	40	30	G 1	780	1150*880*1360
	8	116	1.5-5.0	53-177					
	10	145	1.35-4.5	48-159					
ZAY-50	7	102	2.04-6.8	72-240	50	37	G 1-1/2	605	1300*930*1250
	8	116	1.86-6.2	66-219					
	10	145	1.68-5.6	59-198					
ZAY-60	7	102	2.22-7.4	78-261	60	45	G 1-1/2	623	1500*1000*1300
	8	116	2.16-7.2	76-254					
	10	145	2.04-6.8	72-240					
ZAY-75	7	102	3.15-10.5	113-371	75	55	G 2	980	1800*1200*1540
	8	116	2.88-9.6	102-339					
	10	145	2.79-9.3	99-329					
ZAY-100	7	102	4.18-13.8	148-488	100	75	G 2	1050	1800*1200*1540
	8	116	4.05-13.5	143-477					
	10	145	3.78-12.5	134-442					
ZAY-120	7	102	4.95-16.5	174-583	120	90	G 2	1350	1800*1400*1540
	8	116	4.59-15.3	162-541					
	10	145	1.17-13.9	41-491					
ZAY-150	7	102	6.36-21.2	225-749	150	110	DN65	1380	1800*1400*1540
	8	116	5.94-19.8	210-700					
	10	145	5.58-18.6	197-657					
ZAY-175	7	102	7.29-24.3	258-859	175	132	DN65	2580	2500*1470*1840
	8	116	7.14-23.8	252-841					
	10	145	6.63-22.1	234-781					
ZAY-250	7	102	9.6-32	339-1131	250	185	DN100	4200	2800*1900*1950
	8	116	9.15-30.5	323-1078					
	10	145	7.25-27.5	256-972					
ZAY-300	7	102	11-36.7	389-1297	300	220	DN100	4600	2800*1900*1950
	8	116	10.3-34.5	364-1219					
	10	145	9.06-30.2	320-1067					
ZAY-350	7	102	12.6-42	445-1484	350	250	DN100	5000	3300*1900*1950
	8	116	12.1-40.5	428-1431					

## ZAKF TWO STAGE COMPRESSOR TECHNICAL PARAMETER

Model	Max Working Pressure		Air Flow		Motor Power		Connection	Weight kgs	Dimension (L*W*H) mm
	Bar	Psi	m3/min	CFM	HP	KW			
ZAT-20	7	101.5	2.9	247	20	15	RP 1/2	680	1880*1180*1520
	8	116	2.8	283					
	10	145	2.4	353					
	13	188.5	2.2	459					
ZAT-25	7	101.5	3.6	247	25	18.5	RP 1/2	700	1880*1180*1520
	8	116	3.5	283					
	10	145	2.9	353					
	13	188.5	2.5	459					
ZAT-30	7	101.5	4.2	247	30	22	RP 1/2	760	1880*1180*1520
	8	116	4.1	283					
	10	145	3.5	353					
	13	188.5	3.2	459					
ZAT-40	7	101.5	6.4	247	40	30	RP 1/2	980	1880*1180*1520
	8	116	6.3	283					
	10	145	4.9	353					
	13	188.5	4.2	459					
ZAT-50	7	101.5	7.1	247	50	37	RP 1/2	1080	1880*1180*1520
	8	116	7.0	283					
	10	145	5.8	353					
	13	188.5	5.4	459					
ZAT-60	7	101.5	10	247	60	45	RP 2	2280	2300*1300*1850
	8	116	12.5	283					
	10	145	9.7	353					
ZAT-75	7	101.5	12.7	247	75	55	RP 2	2350	2300*1300*1850
	8	116	12.5	283					
	10	145	9.5	353					
ZAT-100	7	101.5	16.3	247	100	75	RP 2	2400	2300*1300*1850
	8	116	15.7	283					
	10	145	12.3	353					
ZAT-120	7	101.5	19.5	247	120	90	RP2 1/2	3750	3200*1850*2120
	8	116	19	283					
	10	145	16.3	353					
ZAT-150	7	101.5	23.5	247	150	110	RP2 1/2	4180	3200*1850*2120
	8	116	22.5	283					
	10	145	19	353					
ZAT-175	7	101.5	29.6	247	175	132	DN80	4280	3200*1850*2120
	8	116	26.6	283					
	10	145	22.6	353					
ZAT-200	7	101.5	33.5	247	200	160	DN80	4400	3200*1850*2120
	8	116	32.5	283					
	10	145	27	353					
ZAT-250	7	101.5	39.5	247	250	185	DN100	5900	3900*1850*2150
	8	116	38.5	283					
	10	145	32	353					
ZAT-300	7	101.5	42.5	247	300	220	DN100	8000	3900*1850*2150
	8	116	41.5	283					
	10	145	38	353					
ZAT-350	7	101.5	52	247	350	250	DN125	8200	4200*2150*2250
	8	116	50	283					
	10	145	46	353					

# ZAI ALL IN ONE SCREW AIR COMPRESSOR



## 8Bar ZAKF Screw Compressor Built-in Dryer with Tank

- Combined compressor, dryer, line filter and air tank in one shape.
- Energy saving and small volume.
- No installation, power on to use.



## 7.5KW Tank 230L or 400L 11KW / 15 KW/22 KW Tank 400L

### FIXED SPEED TECHNICAL PARAMETER

Model	KW	HP	Mpa	Air Flow CBM/MIN	Noise dB (A)	Air Tank Volume	Lubricant	Drive Method	Start Method	Dimension	Power	Outlet size
ZAI-7.5	5.5	7.5	0.8	0.5	60	150L	12	Belt Drive	Y-△	1450*700*1334.5	380/3/50	G1/2
ZAI-10	7.5	10		1.1	230L	18	Direct Drive					
ZAI-15	11	15		1.6	300L							
ZAI-20	15	20		2.2								

■ Above tech date are based on Standard ISO1217, suction temp is 20 degree, relative humidity is 60%, suction pressure is 0.1Mpa.

■ Normal voltage is 380V/50HZ, other voltage customized accepted.

### PM VSD TECHNICAL PARAMETER

Model	KW	HP	Mpa	Air Flow CBM/MIN	Noise dB (A)	Air Tank Volume	Lubricant	Drive Method	Start Method	Dimension	Power	Outlet size
ZAIV-7.5	5.5	7.5	0.8	0.5	60	150L	12	Belt Drive	Frequency Conversion	1450*700*1334.5	380V/50HZ 415V/50HZ 415V/60HZ 380V/60HZ 220V/60HZ 380V/50HZ	G1/2
ZAIV-10	7.5	10		1.1	230L	18	Direct Drive					
ZAIV-15	11	15		1.6	300L							
ZAIV-20	15	20		2.2								

■ Above tech date are based on Standard ISO1217, suction temp is 20 degree, relative humidity is 60%, suction pressure is 0.1Mpa.

# ZAH ALL IN ONE SCREW AIR COMPRESSOR

## 16Bar Laser Cutting Industry Use ZAKF Saving Oxygen and Nitrogen

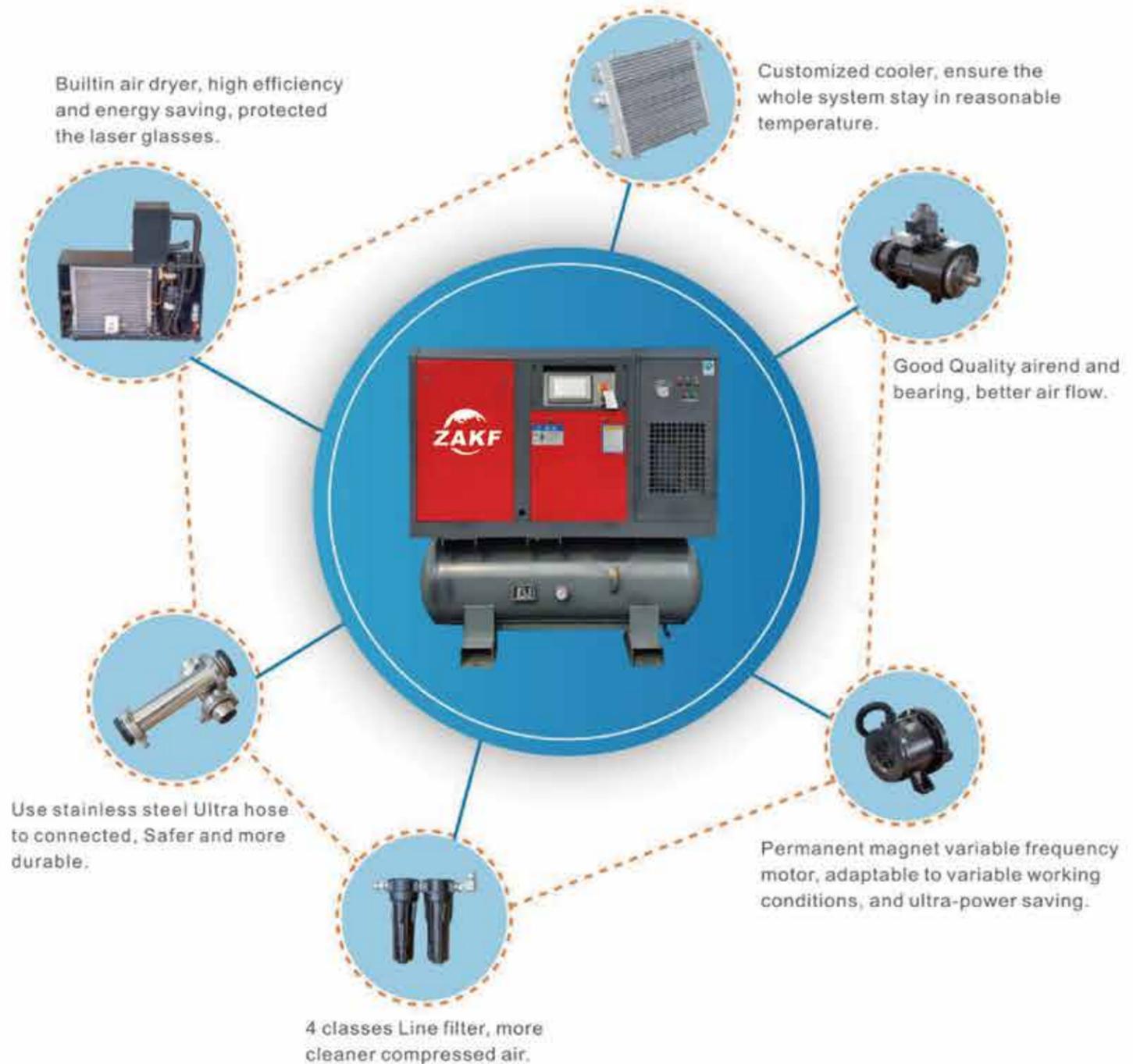


TECHNICAL PARAMETER										
Model	KW	HP	Mpa	Air Flow CFM m³/min	Noise dB (A)	Max residual oil content (ppm)	Filtration accuracy (µm)	Dew Point (°C)	Dimension (L*W*H)	Weight (kg)
ZAH-15A	11	15	1.6	1.1	60	0.001	0.01	2~5	1500*760*1205	650
ZAH-20A	15	20		1.4						
ZAH-30A	22	30	2.3	1500*880*1360					850	

■ Above tech data are based on ISO1217 Standard, suction temp is about 20°C, Relative humidity is 60%, suction pressure is 0.1Mpa.

■ Standard compressor voltage is 380V/50HZ, different voltage accepted.

## Laser Cutting Industry Use ZAKF Saving Oxygen and Nitrogen



# AC

## REFRIGERATED AIR DRYER-AIR COOLING



Design Criterion:

Operating Pressure:design criterion-0.7Mpa (0.4Mpa min,1.0Mpa max)

Air Inset Temperature:<45 °C Environmental Requirements

Temperature:<38 °C ,if>38 °C ,air convection device needed

Installed Environment:good ventilation, no dust andflying catkins

### TECHNICAL PARAMETER

Standard	Capacity m³/MIN	Voltage AC	Power KW	Current A	Refrigeration Type	Caliber of Tube (in and out)	Weight KG	Dimension L*W*H
Model								
AC-10	1.5	1Φ220V 50HZ	0.37	3.90	R22	1"PT	60	700*450*730
AC-20	2.5		0.37	3.90		1 1/2"PT	70	700*450*780
AC-30	3.8		0.74	4.00			90	950*500*840
AC-50	7.0		1.09	6.70		120	1030*500*890	
AC-75	10.0		1.58	8.80		160	1200*600*1140	
AC-100	13.0	3Φ380V 50HZ	1.94	10.70	R134A	2"PT	200	1300*700*1220
AC-150	18.0		2.57	7.50	R407C	DN80	230	1350*700*1440
AC-200	23		3.10	8.50	R404A		240	1350*700*1440
AC-250	28		4.40	12	330		1500*800*1640	
AC-300	36		5.78	13	330	1500*800*1640		
AC-400	45	DN100	6.51	16	DN125	600	2000*1100*1460	
AC-500	55		8.62	20		710	2100*1050*2010	

# ND

## REFRIGERATED AIR DRYER-WATER COOLING



Product Feature

Air pressure dew point reaches 5 °C Atmospheric dew point reaches -17 °C -23 °C

Power consumption:30%less than same types from other factories

Service Condition

Operating Pressure:design criterion-0.7Mpa (0.4 Mpa min,1.0Mpa max)

Air Inset Temperature:Eshhaust temperature of air compressor<45 °C

Operating Pressure:design criterion-0.7Mpa (0.4Mpa min,1.0Mpa max)

Air Inset Temperature:<45 °C Environmental Requirements

Temperature:<38 °C ,if>38 °C ,air convection device needed

Installed Environment:good ventilation, no dust andflying catkins

### TECHNICAL PARAMETER

Standard	Capacity m³/MIN	Voltage AC	Power KW	Current A	Refrigeration Type	Caliber of Tube (in and out)	Weight KG	Dimension L*W*H
Model								
ND-100	13	3Φ380V 50HZ	2.25	5.5	R22	1/2PT	240	1200*600*1140
ND-150	18		3.0	7.50			330	1300*700*1220
ND-200	23		3.75	7.80			400	1350*700*1440
ND-250	28		6.0	10.80		450	1500*800*1640	
ND-300	36		6.8	12.4		500	1650*900*1650	
ND-400	45		7.5	15.4		650	1650*900*1650	
ND-500	55		9.0	19		850	1640*1070*2010	
ND-600	65		11.6	22		950	1900*1150*1300	
ND-800	86		15.0	32		1350	2200*1250*2390	
ND-1000	110		22.5	35		1700	2200*1250*2170	
ND-1200	128		22.5	36		2100	2200*1250*2170	
ND-1500	168		30	38		2700	2200*1450*2410	

**Y W****HEAT DESICCANTA  
AIR DRYER**

Rated Processing Air Flow	20–150m <sup>3</sup> /min	Pressure Drop	≤0.021 Mpa
Inlet Pressure	0.45–1.0Mpa(0.7Mpa)	Absorbate	Activated aluminium oxide、molecular sieve
Inlet temperature	≤40℃ ( 38℃ )	Regeneration Method	(70–95℃)Micro–heating
Inlet Oil Content	0.08ppm(0.1mg/m <sup>3</sup> )	Working Method	Auto switch of two towers,continuous operation
Outlet Air Pressure Dew Point	–20℃~–60℃	Control Method	PLC control, 60min cycle of loop
Dust Grain Diameter in Outlet Air	≤60 μ m	Installation	Indoor,non–basis installation allowed
Average Regenerate Air Flow	5%–8% rated processing air flow	Power Supply	1Ph/220V/50Hz

**TECHNICAL PARAMETER**

Standard	Capacity m <sup>3</sup> /MIN	Heater Power	Connecting Pipe of Inlet and Outlet air	Dimension L*W*H	Weight KG
Model					
YW-013	13	6.0	PN1.0DN50	800*1000*2300	420
YW-020	20	6.0	PN1.0DN80	900*1200*2500	550
YW-030	30	7.0	PN1.0DN80	1000*1300*2800	700
YW-040	40	8.0	PN1.0DN100	1500*1400*3000	900
YW-050	50	9.0	PN1.0DN100	1700*1500*3100	1200
YW-060	60	9.0	PN1.0DN100	1900*1600*3300	1600
YW-080	80	12.0	PN1.0DN125	2700*1290*3414	4639
YW-100	100	15.0	PN1.0DN125	2860*1390*3464	5286
YW-150	150	22.5	PN1.0DN150	3550*1650*3736	8544



■ Remark: Specifications are subject to change, please refer to actual products

**Y X****NO HEAT DESICCANTA  
AIR DRYER**

Rated Processing Air Flow	1–150m <sup>3</sup> /min	Pressure Drop	≤0.021 Mpa
Inlet Pressure	0.45–1.0Mpa(0.7Mpa)	Absorbate	Activated aluminium oxide、molecular sieve
Inlet temperature	≤40℃ ( 38℃ )	Regeneration Method	Regeneration Method:Normal–heating
Inlet Oil Content	0.08ppm(0.1mg/m <sup>3</sup> )	Working Method	Auto switch of two towers,continuous operation
Outlet Air Pressure Dew Point	–20℃~–40℃	Control Method	PLC control, 60min cycle of loop
Dust Grain Diameter in Outlet Air	≤60 μ m	Installation	Indoor,non–basis installation allowed
Average Regenerate Air Flow	10%–22% rated processing air flow	Power Supply	1Ph/220V/50Hz

**TECHNICAL PARAMETER**

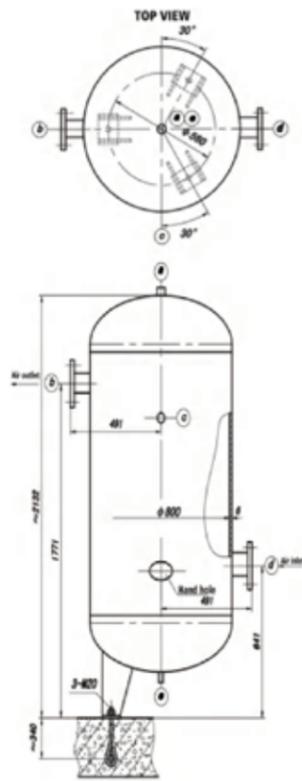
Standard	Capacity m <sup>3</sup> /MIN	Connecting Pipe of Inlet and Outlet air	Dimension L*W*H	Weight KG
Model				
YX-10	1.5	Rc1	560*650*1200	60
YX-20	2.5	Rc1	560*650*1400	80
YX-30	3.8	Rc1	710*650*1830	150
YX-50	7	Rc1-1/2	840*900*1850	300
YX-75	10	Rc1-1/2	850*900*2100	400
YX-100	13	Rc2	800*1000*2300	500
YX-150	20	PN1.0DN80	900*1200*2500	700
YX-250	30	PN1.0DN80	1000*1300*2800	900
YX-300	40	PN1.0DN100	1500*1400*3000	1200
YX-500	50	PN1.0DN100	1950*1800*3106	2652
YX-600	60	PN1.0DN100	2420*1200*3253	3518
YX-700	80	PN1.0DN125	2700*1290*3414	4584
YX-800	100	PN1.0DN125	2860*1390*3464	5231
YX-1000	150	PN1.0DN125	3570*1650*3728	8489

■ Remark: Specifications are subject to change, please refer to actual products

# AIR STORAGE TANK

## TECHNICAL PARAMETER

SR#	Specification Volume/Pressure	Design Temperature °C	Tank Height H1	Tank dia Φ	H2	Inlet DN	RP	H3	Outlet DN	RP	Base Φ1	d	Connector
1	0.3/0.8	150	1558	500	634	25	Pp1"	1204	25	Pp1"	360	20	R3/4"
2	0.3/1.0		1590		635			1205					
3	0.3/1.25		1592		636			1206					
4	0.3/1.52		1594		637			1207					
5	0.4/0.8	150	1818	600	659	40	Pp1 1/2"	1409	40	Pp1 1/2"	420	24	R3/4"
6	0.4/1.0		1820		660			1410					
7	0.3/1.25		1822		661			1411					
8	0.4/1.52		1824		662			1412					
9	0.6/0.8	150	1914	650	672	40	Pp1 1/2"	1672	40	Pp1 1/2"	480	24	R3/4"
10	0.6/1.0		1916		673			1673					
11	0.6/1.25		1918		674			1674					
12	0.6/1.52		1920		675			1675					
13	1.0/0.8	150	2090	800	710	40	Pp1 1/2"	1810	40	Pp1 1/2"	560	24	R3/4"
14	1.0/1.0		2092		711			1811					
15	1.0/1.25		2096		713			1813					
16	1.5/0.8		2271		761			1791					
17	1.5/1.0	150	2275	1000	763	80	Pp2"	1793	80	Pp2"	700	24	R3/4"
18	1.5/1.25		2279		764			1794					
19	2.0/0.8		2524		837			1987					
20	2.0/1.0		2526		839			1989					
21	2.0/1.25	150	2530	1200	841	80	Pp2"	1991	80	Pp2"	840	24	R3/4"
22	2.5/0.8		2756		883			2183					
23	2.5/1.0		2712		881			2181					
24	2.5/1.25		2718		883			2183					
25	2.0/0.8	150	2826	1300	908	100	Pp2"	2208	100	Pp2"	950	30	R1"
26	2.0/1.0		2830		910			2210					
27	3.0/1.25		2834		912			2212					
28	4.0/0.8		2902		956			2206					
29	4.0/1.0	150	2904	1400	956	100	Pp2"	2207	100	Pp2"	1050	30	R1"
30	4.0/1.25		2908		959			2209					
31	5.0/0.8		3752		930			3130					
32	5.0/1.0		3754		932			3132					
33	5.0/1.25	150	3756	1500	933	125	Pp2"	3133	125	Pp2"	1100	30	R1"
34	6.0/0.8		2952		956			3156					
35	6.0/1.0		2954		957			3157					
36	6.0/1.25		2960		960			3160					
37	8.0/0.8	150	4554	1600	982	125	Pp2"	3832	125	Pp2"	1200	30	R1"
38	8.0/1.0		4556		984			3834					
39	8.0/1.25		4560		985			3835					
40	10.0/0.8		3766		1083			2933					
41	10.0/1.0	150	3768	2000	1084	150	Pp2"	2934	150	Pp2"	1500	30	R1"
42	10.0/1.25		3774		1087			2937					
43	12.0/0.8		4506		1133			3683					
44	12.0/1.0		4508		1134			3684					
45	12.0/1.25	150	4516	2200	1137	150	Pp2"	3687	150	Pp2"	1500	30	R1"
46	15.0/0.8		4638		1199			3699					
47	15.0/1.0		4640		1200			3700					
48	15.0/1.25		4648		1202			3702					
49	20.0/0.8	150	5238	2400	1299	200	Pp2"	4199	200	Pp2"	1800	30	R1"
50	20.0/1.0		5244		1302			4202					
51	20.0/1.25		5248		1304			4204					
52	25.0/0.8		6250		1375			5095					
53	25.0/1.0	150	6256	2500	1378	200	Pp2"	5098	200	Pp2"	1800	30	R1"
54	25.0/1.25		6260		1380			5100					
55	30.0/0.8		6829		1305			5865					
56	30.0/1.0		6835		1318			5868					
57	30.0/1.25	150	6839	2500	1320	200	Pp2"	5870	200	Pp2"	1900	30	R1"



# AF Compressed Line Filter

- Liquid separator filter (C)3 micro, 5ppm
- Particulate filter (T)1micro, 1ppm
- Oil removal filter (A)0.01micro, 0.01ppm
- Oil removal extra fine filter (AA)0.01micro, 0.001ppm
- Vapor filter (H)0.01micro, 0.001ppm



## TECHNICAL PARAMETER

Model number	Connector	Capacity (m³/min)	Filtre element	Weigh (kg)	Dimension		
					Length	Height	Dia
AF007	G3/4 or 1"	0.7	1	1.1	270	245	85
AF015	G3/4 or 1"	1.5	1	1.1	270	240	85
AF024	G1 1/2"	2.4	1	2.2	360	326	110
AF035	G1 1/2"	3.5	1	2.2	360	326	110
AF060	G1 1/2"	6	1	2.2	480	448	110
AF090	G2 1/2"	9	1	10	535	485	150
AF 120	G2 1/2"	12	1	13	950	900	150
AF 150	G2 1/2"	15	1	13	950	900	150
AF 200	DN80	20	1 pc K330	35	1110	780	150
AF 240	DN80	24	2 pc 120	75	1495	1190	344
AF 300	DN100	30	2 pcs 150	85	1650	1350	344
AF 360	DN100	36	3 pcs 120	120	1495	1190	398
AF 450	DN125	45	3 pcs 150	130	1650	1345	398
AF 600	DN125	60	4 pcs 150	160	1810	1311	520