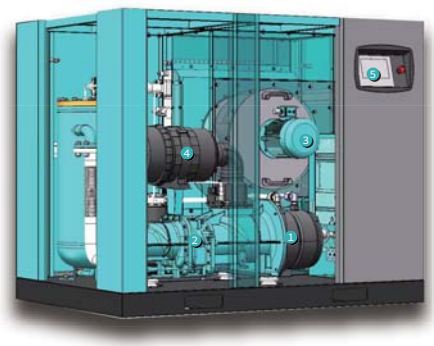
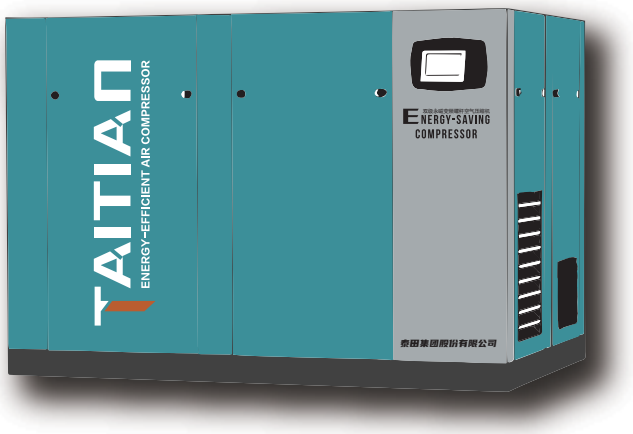
泰田集团
TAITIAN GROUP





SCREW AIR COMPRESSOR

螺杆式空气压缩机

WWW.CHINATAITIAN.COM
400-826-1128
TAITIAN GROUP CO.,LTD.
泰田集团股份有限公司

国家专精特新“小巨人”企业

Nation Specialized and innovative Small and Medium-sized Enterprise

浙江“品”字标企业

Zhejiang "Good Quality" Title Enterprise

20多年专注于精密机械制造领域

Focused on the Field of Fastening Mchnical Mnufacturing for Over 20 Years

800余名匠心金牌员工

More Than 800 Outstanding Ingenuity Employees

GREEN AND
ENERGY-SAVING

LEADING THE FUTURE

绿色节能 领跑未来

Enterprise Profile

Taitian Group Co., Ltd. was established in 2007, registered capital of 60.88 million CNY, now has more than 900 employees. We are a collection of R & D, sales and production as one of the national high-tech enterprises. As the national small giant enterprises honor, we have 3 major manufacturing facilities, which are tightening tools department, air compressor air end department and air screw compressor department.

Our company has always regarded the technology research and development as the core driving force of enterprise development. We have set up not only municipal key laboratories and enterprise technology centers, but also provincial high-tech research and development centers and research institutes. With more than 100 patents, we have participated in the formulation of 3 national standards items, 2 industry standards items, 2 group standards items, and 1 Zhejiang manufacturing group standards item. It has always been Taitian's belief that advanced world-class equipment is the foundation for the world-class quality. We possess foreign advanced production lines and more than 2000 sets of CNC processing equipment, and comprehensively promote MES and ERP systems. Thus Taitian builds a unique new management system to process workers, machines and materials in a multi-link control and forms the mode of special, fine and intelligent manufacturing. Now Titian has become a tightening tool / air power equipment solution service provider in the industrial manufacturing field.

泰田集团股份有限公司 成立于2007年，注册资金6088万元，现拥有员工900余人，是一家集研发、销售、生产为一体的国家高新技术企业，国家专精特新“小巨人”企业，拥有拧紧工具、压缩机主机、高端节能压缩机三大生产基地。

公司始终将技术研发视为企业发展的核心动力，先后组建了市级重点实验室、市级企业技术中心、省级高新技术研究开发中心、省级研究院，获批专利100多项，荣获多项荣誉称号，共起草参与制定国家标准3项，行业标准2项，团体标准2项，浙江制造团体标准1项。

公司始终坚信先进的装备是一流品质的保障，引进国外先进生产线，拥有CNC加工设备2000多台，全面推进 MES 和 ERP 系统，实现人机信息一体化，构建起泰田独有的一人多机、人机物，多环节制程管控新体系，形成了泰田专、精、尖智造模式，成为工业制造领域拧紧工具/空气动力设备成套解决方案服务商。

▲ 压缩机事业部（Screw Compressor Business Department）

▼ 压缩机主机事业部 （Screw Compressor Air End Business Department）

▼ 拧紧工具事业部 （Tightening Tools Business Department）

LEADING PRODUCTION EQUIPMENT
国际领先的检测设备

Our company has introduced Renishaw, club instrument, Renishaw laser interferometer, KITAG horizontal dynamic balance Instrument, Hexagon coordinate measuring instrument, Marr height measuring instrument, Germany SPECTRORADIOMETER, and Carl Zeit Division metallographic analyzer. These advanced testing equipments have laid a solid foundation for the achievement of first-class product quality .

公司先后引进雷尼绍、球杆仪、雷尼绍激光干涉仪、基太克卧式动平衡仪、海克斯康三坐标检测仪、马尔高度测量仪、德国斯派克光谱仪、卡尔蔡司金相分析仪，先进的检测设备为成就一流的产品品质夯实了基础。

装备 企业 泰田造品

Our company possesses 6 fully automatic metal hardening system from AICHELIN (Austria) and over 2000 CNC machines that have vertical and horizontal machining capabilities. These advanced production equipments have laid a solid foundation for achieving first-class product quality.

公司先后引进奥地利AICHELIN集团6套全自动渗碳淬火生产线，卧式加工中心等2000多台CNC加工设备，先进的产品装备为成就一流的产品品质夯实了基础。

Enterprise equipment

ENTERPRISE HONOR
企业荣誉

National (industry)standard making
国家（行业)标准制定

- 《Straight Type Grinding Machine》 National Standard First Drafter
- 《Punching and Shearing Machine or Shearing Machine》 National Standard Drafter
- 《Reciprocating Saw, Polishing Machine and File with Pendulum or Rotary Saw》National Standard First Drafter
- 《Air Screwdriver》 Industry Standard Drafter
- 《Air Impact Wrench》 Industry Standard Drafter
- 《Oil Pulse Torque Control Screwdriver》 Group Standard First Drafter
- 《 Air Impact Screwdriver》 Group Standard First Drafter
- 《Air Impact Wrench》"Made in Zhejiang" Group Standard First Drafter

- 《直柄式砂轮机》国家标准第一起草单位
- 《往复式锯、抛光机和锉刀以及摆式或回转式锯》国家标准第一起草单位
- 《冲剪机和剪刀》国家标准参与制定单位
- 《冲击式气螺刀》行业标准起草单位
- 《冲击式气扳机》行业标准起草单位
- 《气动定扭螺丝刀》团体标准第一起草单位
- 《冲击式气动螺丝刀》团体标准第一起草单位
- 《冲击式气扳机》“浙江制造”团体标准第一起草单位

德国TUV品质及体系认证：ISO9001、ISO14001、IOS18001
German TüV Quality Certification and ISO 9001/14001/18001

人始于泰田

- 2010年被台州市评为“台州名牌产品”
- 2011年被台州市评为“进出口规范企业”
- 2012年荣获椒江区“企业贡献奖”
- 2013年荣获椒江区“成长之星奖”
- 2014年被椒江区评为“机器换人示范企业”
- 2015年被浙江省评为“浙江省科技型中小企业”
- 2015年被台州市评为“台州市级高新技术企业”、
- 2016年被评为“国家级高新技术企业”
- 2016年被浙江省评为“浙江名牌产品”
- 2016年被台州市评为“台州市进出口诚信企业”
- 2017年被浙江省评为“浙江省知名商号”
- 2018年荣获椒江区政府质量奖
- 2018年被台州市评为“瞪羚企业”
- 2018年被浙江省评为“省级高新技术企业研究开发中心”
- 2018年被浙江省评为“浙江省级企研究院”“浙江省省级企业技术中心”
- 2019年被浙江制造国际认证联盟认证为“浙江制造”
- 2019年被评为“浙江省守望合同重信用AA企业”
- 2019被台州市评为“台州市小巨人企业”
- 2019年被台州市评为“台州市精细管理示范企业”
- 2019年被台州市认定为台州市进出口名牌产品
- 2020年度被评为国家专精特新“小巨人”企业

目录

SCREW AIR COMPRESSOR
螺杆式空气压缩机

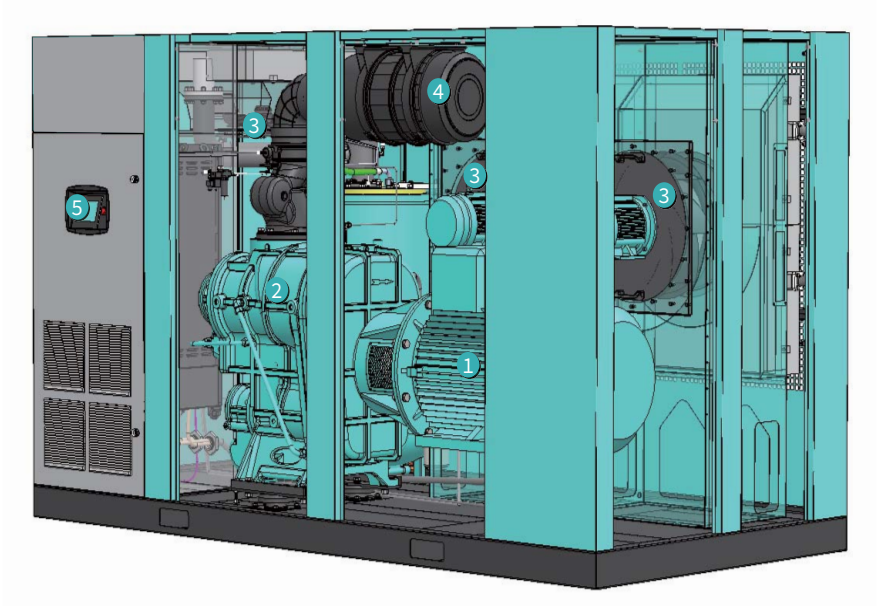
TA系列双级永磁变频（风冷）分体螺杆压缩机

TA SERIES TWO STAGE (AIR-COOLED) PM FREQUENCY INVERTER SPLIT -TYPE SCREW AIR COMPRESSOR

整机特点介绍：
Compressor Features Introduction：

1、整机系统设计达到国家一级能效；
2、采用离心风机，低转速，低噪音；
3、电机采用双变频，节能效果达到极致；
4、采用独特进风设计，提高节能效果，延长寿命；
5、超大分离系统设计，提高使用寿命；
6、主机采用20个轴承高配置结构，低振动、超长寿命；
7、电机磁钢采用耐温180℃材料，确保长期不消磁；
8、可搭载PLC智慧控制系统，智能化控制运行。

1.Compressor design Over nation primary energy efficiency;
2.Adopt centrifugal fan, low speed. low noise;
3.Motor adopt two frequency inverters, keep energy–saving to excellent;
4.Adopt unique design for air inlet, advanced energy–saving effect;
5.Super–large separation system design, improve lifetime;
6.Air end adopt 20pcs bearing structure, low vibration, long lifetime;
7.Motor magnet steel adopt stand 180℃ material, to ensure long–term non–demagnetization;
8.With PLC control system, intelligent operation.



1 高效永磁电机
High efficiency PM motor

电机轴承选用SKF轴承，防护等级IP55，F级绝缘等级，电机效率高达97%。

Motor bearing adopt SKF bearing, Protection Grade IP55, class F insulation, energy efficiency up to 97% .

2 上下级螺杆主机
Two stage compressor air end

主机采用20颗高配角接触球轴承，低振动设计，低噪音，节能高效

Air end adopts 20 pcs SKF Super-precision angular contact ball bearings, low vibration design, low noise, energy saving and high efficiency

3 离心风机/轴流风机
Centrifugal fan/Axial flow fan

1、离心风机：相比轴流风机噪音更低、风量更大；
2、30~132KW采用1个离心风机设计；
160~185KW采用两个离心风机设计；
200~250KW采用2个离心风机+1个轴流风机设计，高效散热，经济节能。

1.Centrifugal fan: Compared to axial flow fan, it has lower noiseand larger air volume.
2.30~132KW is adopting 1 centrifugal fan design;
160-185KW is adopting 2 centrifugal fans design;
200~250KW is adopting 2 centrifugal fans and 1 axial flow fan design and efficient heat dissipation, economical and energy-saving.

4 空气滤芯
Air Filter Element

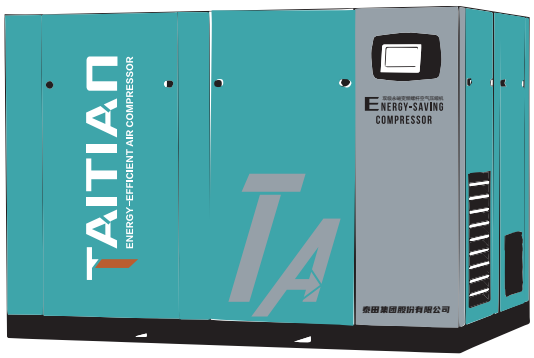
1.采用特殊的过滤介质，融灰量高
2.径向密封采用合成橡胶。
3.不含金属件，处置对生态无害
4.折褶成型稳定，可防止折褶在恶劣工作状态下粘结在一起

1.The unique filtration layer, let ash high quantity
2.Radial sealing to use synthetic rubber
3.Do not contain metal parts durable and environmental protection
4.Fold down forming stabillity,can prevent fold down inbad conaition bond to do work together

5 智能控制屏 Intelligent Touch Screen

1.中英文界面显示可选，操作方便。
2.压力、温度等各种参数按预设置值进行监测及控制。
3.故障自动报警及保护，历史运行储存及查询。
4.可实现远程监控或空压机之间多台联动控制。

1. Chinese and English interface display optional, easy to operate.
2. Pressure, temperature and other parameters according to preset for continuous monitoring, display and control.
3. Fault automatic alarm and protection, history can be stored and queried.
4. It can realize computer remote monitoring communication or multiple linkage control between air compressors.



TA低压系列技术参数（4-6bar）

TA SERIES LOW PRESSURE TECHNICAL PARAMETER(4-6bar)

型 号 Model	主机型号 Air end Model	电机功率 Motor Power (kw)	排气压力 Air Discharge Pressure (bar)	额定流量 Rated flow rate (m3/min)	外形尺寸 Overall dimensions (mm)	重量 Weight (KG)	出口管径 Outlet pipe diameter
TA37Y-5A-H1	SLG55N-45K	37	4	10.8	2400×1500×1660	1770	DN65
			5	9.5			
			6	8.5			
TA45Y-5A-H2	SLG55N-55K	45	4	12.5		1850	
			5	11.5			
			6	10.6			
TA55Y-5A-H2	SLG75N-75K	55	4	15.7	2500×1600×1880	2090	
			5	14.6			
			6	13.6			
TA75Y-5A-H2	SLG110N-90K	75	4	21	2850×1535×1881	2800	DN100
			5	19			
			6	17.2			
TA90Y-5A-H2	SLG110N-110K	90	4	26		2890	
			5	24.3			
			6	22.8			
TA110Y-5A-H2	SLG132N-132K	110	4	29.3		2950	
			5	27.3			
			6	25.5			
TA132Y-5A-H2	SLG160N-160K	132	4	34.3	3530×1750×2070	4720	DN125
			5	32.6			
			6	31.1			
TA160Y-5A-H2	SLG220N-185K	160	4	46		5250	
			5	40.8			
			6	37.5			
TA185Y-5A-H2	SLG220N-200K	185	4	51.5	3940×1880×2276	6900	
			5	46.5			
			6	42.8			
TA200Y-5A-H2	SLG220N-220K	200	4	55		7200	
			5	50.6			
			6	46.5			
TA220Y-5A-H2	SLG315N-250K	220	4	61	4730×2285×2632	8780	
			5	57			
			6	53.5			
TA250Y-5A-H2	SLG315N-285K	250	4	70.1		9120	
			5	65.7			
			6	61.8			

*可配置不同压力的机型选择不同主机的齿比。

*By changing the gear ratio of the airend,we can have the different working pressure for the compressors.

TA常压系列技术参数（6-13bar）

TA SERIES NORMAL PRESSURE TECHNICAL PARAMETER(6-13bar)

型 号 Model	主机型号 Air end Model	电机功率 Motor Power (kw)	排气压力 Air Discharge Pressure (bar)	额定流量 Rated flow rate (m3/min)	外形尺寸 Overall dimensions (mm)	重量 Weight (KG)	出口管径 Outlet pipe diameter
TA30Y-6A-H1	SLG37N	30	6	6.8	2000×1150×1380	1124	G2
TA30Y-7A-H1			7	6.4			
TA30Y-8A-H1			8	6			
TA30Y-10A-H1			10	5			
TA30Y-13A-H1			13	4			
TA37Y-6A-H1		37	6	8.2		1177	
TA37Y-7A-H1			7	7.6			
TA37Y-8A-H1			8	7.1			
TA37Y-10A-H1			10	6.2			
TA37Y-13A-H1			13	4.8			
TA45Y-6A-H2	SLG55N	45	6	10.3	2400×1500×1660	1680	DN65
TA45Y-7A-H2			7	9.8			
TA45Y-8A-H2			8	9.5			
TA45Y-10A-H2			10	6.9			
TA45Y-13A-H2			13	5.7			
TA55Y-6A-H2		55	6	12.7		1750	
TA55Y-7A-H2			7	12.4			
TA55Y-8A-H2			8	12.3			
TA55Y-10A-H2			10	10.6			
TA55Y-13A-H2			13	8.3			
TA75Y-6A-H2	SLG75N	75	6	16.8	2500×1600×1880	1985	
TA75Y-7A-H2			7	16.3			
TA75Y-8A-H2			8	15.8			
TA75Y-10A-H2			10	12.6			
TA75Y-13A-H2			13	10.2			
TA90Y-6A-H2	SLG110N	90	6	21.5	2600×1650×1880	2050	DN100
TA90Y-7A-H2			7	20.9			
TA90Y-8A-H2			8	20.3			
TA90Y-10A-H2			10	16			
TA90Y-13A-H2			13	12.3			
TA110Y-6A-H2	SLG110N	110	6	25.2	2850×1535×1881	2750	
TA110Y-7A-H2			7	24.5			
TA110Y-8A-H2			8	23.6			
TA110Y-10A-H2			10	20.8			
TA110Y-13A-H2			13	15.3			

TA常压系列技术参数（6-13bar）

TA SERIES NORMAL PRESSURE TECHNICAL PARAMETER(6-13bar)

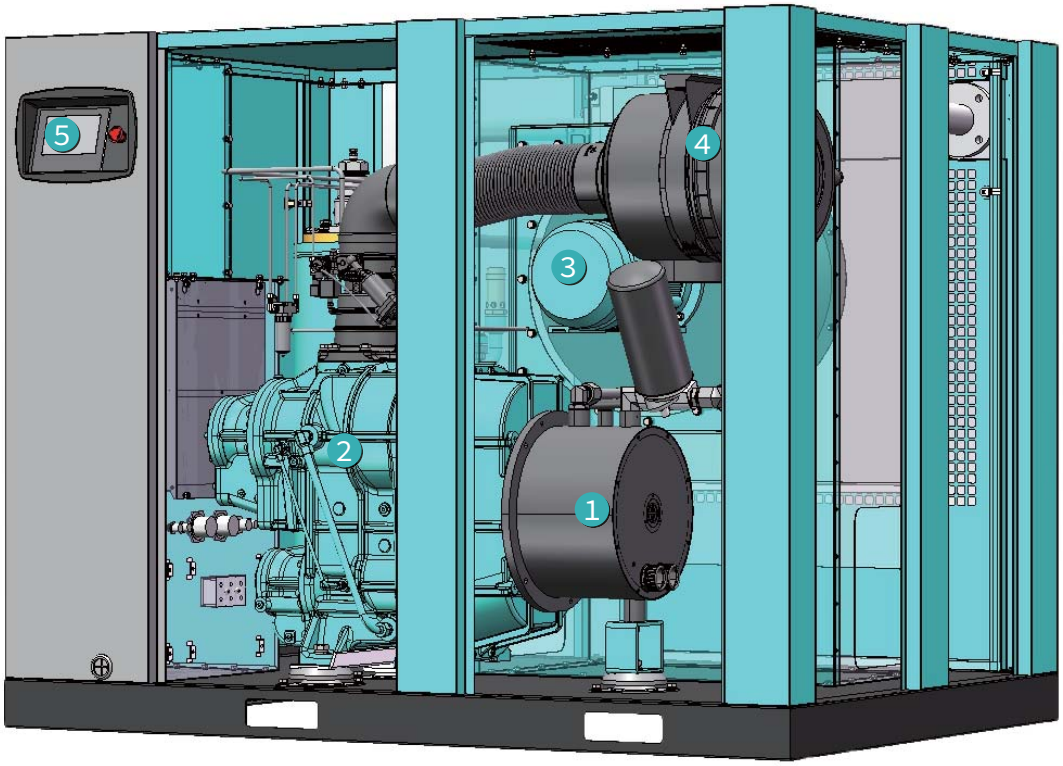
型 号 Model	主机型号 Air end Model	电机功率 Motor Power (kw)	排气压力 Air Discharge Pressure (bar)	额定流量 Rated flow rate (m3/min)	外形尺寸 Overall dimensions (mm)	重量 Weight (KG)	出口管径 Outlet pipe diameter
TA132Y-6A-H2	SLG132N	132	6	29.8	2850×1535×1881	2800	DN100
TA132Y-7A-H2			7	29			
TA132Y-8A-H2			8	28.3			
TA132Y-10A-H2			10	24			
TA132Y-13A-H2			13	21			
TA160Y-6A-H2	SLG160N	160	6	35.5	3530×1750×2070	4500	DN125
TA160Y-7A-H2			7	34.8			
TA160Y-8A-H2			8	33.6			
TA160Y-10A-H2			10	28.2			
TA160Y-13A-H2			13	24.6			
TA185Y-6A-H2	SLG220N	185	6	44.1		5000	
TA185Y-7A-H2			7	43			
TA185Y-8A-H2			8	42			
TA185Y-10A-H2			10	33.2			
TA185Y-13A-H2			13	28.7			
TA200Y-6A-H2		200	6	46.5	3940×1900×2256	6800	
TA200Y-7A-H2			7	44.7			
TA200Y-8A-H2			8	43			
TA200Y-10A-H2			10	37			
TA200Y-13A-H2			13	33.1			
TA220Y-6A-H2		220	6	52		7000	
TA220Y-7A-H2			7	49			
TA220Y-8A-H2			8	46.5			
TA220Y-10A-H2			10	42			
TA220Y-13A-H2			13	37			
TA250Y-6A-H2	SLG315N	250	6	59.1	4730×2285×2632	8500	
TA250Y-7A-H2			7	56.5			
TA250Y-8A-H2			8	54			
TA250Y-10A-H2			10	46			
TA250Y-13A-H2			13	42			

*可配置不同压力的机型选择不同主机的齿比。
*By changing the gear ratio of the airend,we can have the different working pressure for the compressors.

注：机组实际出风量根据ISO1217，在20℃环境温度以及最高工作压力下的实测值。
Note: The actual air output of the unit according to ISO1217, in 20 degrees environment and the highest working pressure of the measured value.

TG系列双级永磁变频（油冷）一体螺杆压缩机

TG SERIES TWO STAGE (OIL-COOLED) PM FREQUENCY INVERTER COMPACT TYPE SCREW AIR COMPRESSOR



1 高效永磁油冷电机
High efficiency PM（OIL-COOLED）motor

电机防护等级IP65，H级绝缘等级，耐高温≥150℃，采用主机与电机可拆卸的直连方式减少了功率的损耗，提高能效。

Motor Protection Grade IP65, class H insulation, high temperature ≥150 ° C,The use of a detachable direct connection between the air-end and motor reduces power loss, improve energy efficiency.

2 上下级螺杆主机
Double stage compressor air end

主机采用20颗高配角接触球轴承，低振动设计，低噪音，节能高效

Air end adopts 20 pcs SKF Super-precision angular contact ball bearings, low vibration design, low noise, energy saving and high efficiency

3 离心风机
Centrifugal fan

采用离心风机设计相比轴流风机噪音更低、风量更大;

Centrifugal fan: Compared to axial flow fan, it has lower noise and larger air volume

4 空气滤芯
Air Filter Element

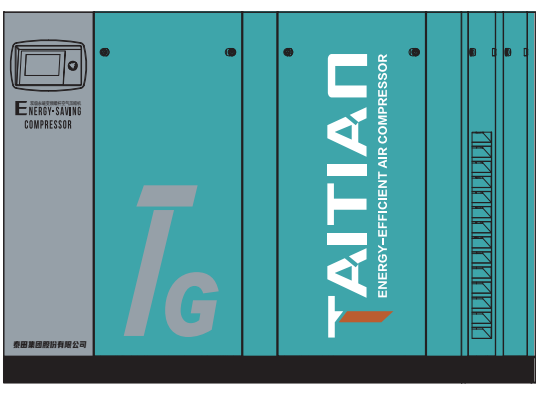
1.采用特殊的过滤介质，融灰量高
2.径向密封采用合成橡胶。
3.不含金属件，处置对生态无害
4.折褶成型稳定，可防止折褶在恶劣工作状态下粘结在一起

1.The unique filtration layer, let ash high quantity
2.Radial sealing to use synthetic rubber
3.Do not contain metal parts durable and environmental protection.
4.Fold down forming stabillity,can prevent fold down inbad conaition bond to do work together

5 智能控制屏 Intelligent Touch Screen

1.中英文界面显示可选，操作方便。
2.压力、温度等各种参数按预设置值进行监测及控制。
3.故障自动报警及保护，历史运行储存及查询。
4.可实现远程监控或空压机之间多台联动控制。

1. Chinese and English interface display optional, easy to operate.
2. Pressure, temperature and other parameters according to preset for continuous monitoring, display and control.
3. Fault automatic alarm and protection, history can be stored and queried.
4. It can realize computer remote monitoring communication or multiple linkage control between air compressors.



TG低压系列技术参数（4-6bar）

TG SERIES LOW PRESSURE TECHNICAL PARAMETER(4-6bar)

型 号Model	主机型号Air end Model	电机功率 Motor power (kw)	排气压力 Air Discharge Pressure (bar)	额定流量 Rated flow rate (m3/min)	外形尺寸 Overall dimensions (mm)	重量 Weight（KG）	出口管径 Outlet pipe diameter
TG37Y-5B-H1	SLG55N-45K	37	4	10.8	2000×1500×1660	1590	DN65
			5	9.5			
			6	8.6			
TG45Y-5B-H2	SLG55N-55K	45	4	12.5		1665	
			5	11.5			
			6	10.7			
TG55Y-5B-H2	SLG75N-75K	55	4	15.7	2200×1600×1880	1880	
			5	14.6			
			6	13.6			
TG75Y-5B-H2	SLG110N-90K	75	4	21	2250×1600×1930	2530	DN100
			5	19			
			6	17.8			
TG90Y-5B-H2	SLG110N-110K	90	4	26	2650×1535×1881	2600	
			5	24.3			
			6	22.8			
TG110Y-5B-H2	SLG132N-132K	110	4	29.3		2660	
			5	27.3			
			6	25.8			
TG132Y-5B-H2	SLG160N-160K	132	4	34.3	3000×1750×2070	4250	DN125
			5	32.6			
			6	31			
TG160Y-5B-H2	SLG220N-185K	160	4	46		4730	
			5	40.8			
			6	36.8			
TG185Y-5B-H2	SLG220N-200K	185	4	51.5	3600×1900×2256	6210	
			5	46.5			
			6	42.5			
TG200Y-5B-H2	SLG220N-220K	200	4	55		6480	
			5	50.6			
			6	46.8			
TG220Y-5B-H2	SLG315N-250K	220	4	61	4000×2285×2632	7900	
			5	57			
			6	53			
TG250Y-5B-H2	SLG315N-285K	250	4	70.1		8210	
			5	65.7			
			6	61.8			

*可配置不同压力的机型选择不同主机的齿比。
*By changing the gear ratio of the airend,we can have the different working pressure for the compressors.

注：机组实际出风量根据ISO1217，在20 C环境温度以及最高工作压力下的实测值。
Note: The actual air output of the unit according to ISO1217, in 20 degrees environment and the highest working pressure of the measured value.

TG常压系列技术参数(6-10bar)

TG SERIES NORMAL PRESSURE TECHNICAL PARAMETER(6-10bar)

型 号Model	主机型号Air end Model	电机功率 Motor power (kw)	排气压力 Air Discharge Pressure (bar)	额定流量 Rated flow rate (m3/min)	外形尺寸 Overall dimensions (mm)	重量 Weight（KG）	出口管径 Outlet pipe diameter
TG30Y-6B-H1	SLG37N	30	6	6.8	1750×1150×1380	1010	G2
TG30Y-7B-H1			7	6.4			
TG30Y-8B-H1			8	6			
TG30Y-10B-H1			10	5			
TG37Y-6B-H1		37	6	8.1		1060	
TG37Y-7B-H1			7	7.6			
TG37Y-8B-H1			8	7.1			
TG37Y-10B-H1			10	6.2			
TG45Y-6B-H2	SLG55N	45	6	10.1	2000×1500×1660	1510	DN65
TG45Y-7B-H2			7	9.7			
TG45Y-8B-H2			8	9.3			
TG45Y-10B-H2			10	6.9			
TG55Y-6B-H2		55	6	12.9		1575	
TG55Y-7B-H2			7	12.4			
TG55Y-8B-H2			8	12.3			
TG55Y-10B-H2			10	10.6			
TG55Y-6B-H2	SLG75N	55	6	13.6	2200×1600×1880	1710	
TG55Y-7B-H2			7	13			
TG55Y-8B-H2			8	12.8			
TG55Y-10B-H2			10	11			
TG75Y-6B-H2		75	6	17.2		1800	
TG75Y-7B-H2			7	16.3			
TG75Y-8B-H2			8	15.8			
TG75Y-10B-H2			10	12.6			
TG90Y-6B-H2	SLG110N	90	6	21.5	2250×1600×1930	1960	DN100
TG90Y-7B-H2			7	20.9			
TG90Y-8B-H2			8	20.3			
TG90Y-10B-H2			10	16			
TG110Y-6B-H2	SLG110N	110	6	25.5	2650×1535×1881	2470	
TG110Y-7B-H2			7	24.5			
TG110Y-8B-H2			8	23.6			
TG110Y-10B-H2			10	20.8			
TG132Y-6B-H2	SLG132N	132	6	30.2		2530	
TG132Y-7B-H2			7	29.3			
TG132Y-8B-H2			8	28.6			
TG132Y-10B-H2			10	24.1			

*可配置不同压力的机型选择不同主机的齿比。
*By changing the gear ratio of the airend,we can have the different working pressure for the compressors.

TG常压系列技术参数(6-10bar)

TG SERIES NORMAL PRESSURE TECHNICAL PARAMETER(6-10bar)

型 号Model	主机型号Air end Model	电机功率 Motor power (kw)	排气压力 Air Discharge Pressure (bar)	额定流量 Rated flow rate (m3/min)	外形尺寸 Overall dimensions (mm)	重量 Weight（KG）	出口管径 Outlet pipe diameter
TG160Y-6B-H2	SLG160N	160	6	35.8	3000×1750×2070	4050	DN125
TG160Y-7B-H2			7	34.8			
TG160Y-8B-H2			8	33.6			
TG160Y-10B-H2			10	28.2			
TG185Y-6B-H2	SLG220N	185	6	44.1		4500	
TG185Y-7B-H2			7	43			
TG185Y-8B-H2			8	42			
TG185Y-10B-H2			10	33.2			
TG200Y-6B-H2	SLG220N	200	6	46	3600×1900×2256	6120	
TG200Y-7B-H2			7	44.7			
TG200Y-8B-H2			8	43			
TG200Y-10B-H2			10	37			
TG220Y-6B-H2		220	6	51.6		6300	
TG220Y-7B-H2			7	49			
TG220Y-8B-H2			8	46.5			
TG220Y-10B-H2			10	42			
TG250Y-6B-H2	SLG315N	250	6	58.8	4000×2285×2632	7650	
TG250Y-7B-H2			7	56.5			
TG250Y-8B-H2			8	54			
TG250Y-10B-H2			10	46			

*可配置不同压力的机型选择不同主机的齿比。
*By changing the gear ratio of the airend,we can have the different working pressure for the compressors.

注：机组实际出风量根据ISO1217，在20℃环境温度以及最高工作压力下的实测值。
Note: The actual air output of the unit according to ISO1217, in 20 degrees environment and the highest working pressure of the measured value.

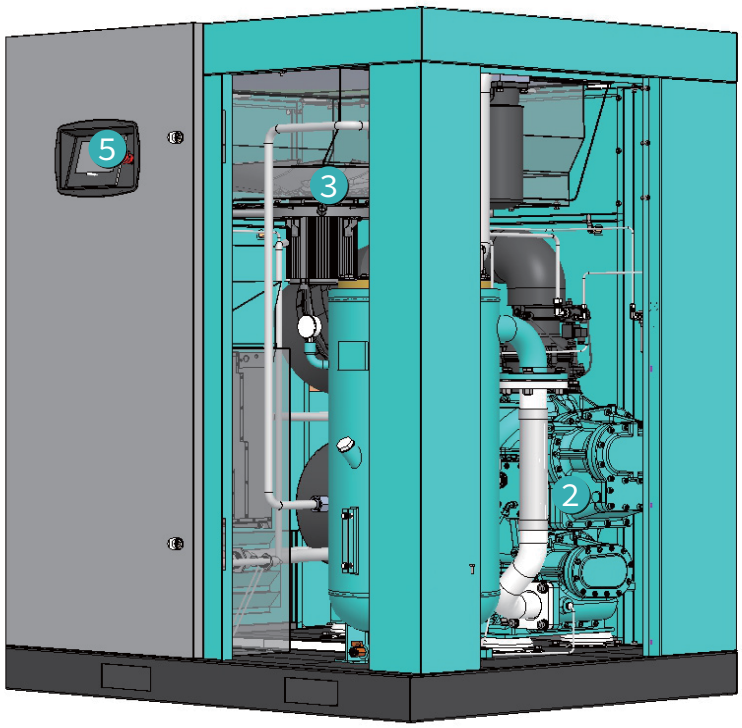
整机特点介绍:
Compressor Features Introduce:

1.Compressor design Over nation primary energy efficiency;
2.Adopt centrifugal fan, low speed. low noise;
3.Motor adopt two frequency inverters, keep energy–saving to excellent;
4.Adopt unique design for air inlet, advanced energy–saving effect;
5.Super–large separation system design, improve lifetime;
6.Air end adopt 20pcs bearing structure, low vibration, long lifetime;
7.Motor magnet steel adopt stand 180℃ material, to ensure long–term non–demagnetization;
8.With PLC control system, intelligent operation.

1、整机系统设计远超国家一级能效；
2、采用离心风机，低转速，低噪音；
3、电机采用双变频，节能效果达到极致；
4、采用独特进风设计，提高节能效果，延长寿命；
5、超大分离系统设计，提高使用寿命；
6、主机采用20个轴承高配置结构，低振动、超长寿命；
7、采用油冷一体电机设计，减少轴功率损耗，提高能效；
8、可搭载PLC智慧控制系统，智能化控制运行。

TK系列双级永磁变频（油冷）一体螺杆压缩机

TK SERIES TWO STAGE (OIL-COOLED) PM FREQUENCY INVERTER COMPACT TYPE SCREW AIR COMPRESSOR



1 高效永磁油冷电机
High efficiency PM（OIL-COOLED）motor

电机防护等级IP65，H级绝缘等级，耐高温≥150℃，采用主机与电机可拆卸的直连方式减少了功率的损耗，提高能效。

Motor Protection Grade IP65, class H insulation, high temperature ≥150 ° C,The use of a detachable direct connection between the air-end and motor reduces power loss, improve energy efficiency.

2 上下级螺杆主机
Double stage compressor air end

主机采用20颗高配角接触球轴承，低振动设计，低噪音，节能高效

Air end adopts 20 pcs SKF Super-precision angular contact ball bearings, low vibration design, low noise, energy saving and high efficiency

3 轴流风机
Axial flow fan

采用高性价比轴流风机设计，高效散热，经济节能。

Adopting efficient cost-effective axial flow fan design, efficient heat dissipation, economical and energy-saving

4 空气滤芯
Air Filter Element

1.采用特殊的过滤介质，融灰量高
2.径向密封采用合成橡胶。
3.不含金属件，处置对生态无害
4.折褶成型稳定，可防止折褶在恶劣工作状态下粘结在一起

1.The unique filtration layer, let ash high quantity
2.Radial sealing to use synthetic rubber
3.Do not contain metal parts durable and environmental protection
4.Fold down forming stabillity,can prevent fold down inbad conaition bond to do work together

5 智能控制屏 Intelligent Touch Screen

1.中英文界面显示可选，操作方便。
2.压力、温度等各种参数按预设置值进行监测及控制。
3.故障自动报警及保护，历史运行储存及查询。
4.可实现远程监控或空压机之间多台联动控制。

1. Chinese and English interface display optional, easy to operate.
2. Pressure, temperature and other parameters according to preset for continuous monitoring, display and control.
3. Fault automatic alarm and protection, history can be stored and queried.
4. It can realize computer remote monitoring communication or multiple linkage control between air compressors.

TK系列技术参数（4-6bar）
TK SERIES TECHNICAL PARAMETER(4-6bar)

型 号Model	主机型号Air end Model	电机功率 Motor power (kw)	排气压力 Air Discharge Pressure (bar)	额定流量 Rated flow rate (m3/min)	外形尺寸 Overall dimensions (mm)	重量 Weight (KG)	出口管径 Outlet pipe diameter
TK37Y-5B-H1	SLG55N-45K	37	4	10.8	1580×1200×1600	755	G2
			5	9.5			
			6	8.6			
TK45Y-5B-H1	SLG55N-55K	45	4	12.5	1580×1330×1970	1120	G2-1/2
			5	11.5			
			6	10.7			
TK55Y-5B-H1	SLG75N-75K	55	4	15.7		1180	
			5	14.6			
			6	13.6			
TK75Y-5B-H1	SLG110N-90K	75	4	21	1680×1400×2160	1560	
			5	19			
			6	17.8			
TK90Y-5B-H1	SLG110N-110K	90	4	26		1600	G3
			5	24.3			
			6	22.8			
TK110Y-5B-H1	SLG132N-132K	110	4	29.3	2500×1680×2167	2035	
			5	27.3			
			6	25.8			
TK132Y-5B-H1	SLG160N-160K	132	4	34.3		2170	
			5	32.6			
			6	31			
TK160Y-5B-H1	SLG220N-185K	160	4	46	2700×1880×2350	2880	DN125
			5	40.8			
			6	36.8			
TK185Y-5B-H1	SLG220N-200K	185	4	51.5		3180	
			5	46.5			
			6	42.5			
TK200Y-5B-H1	SLG220N-220K	200	4	55		3200	
			5	50.6			
			6	46.8			
TK220Y-5B-H1	SLG315N-250K	220	4	61	2700×1880×2350	3700	DN125
			5	57			
			6	53			
TK250Y-5B-H1	SLG315N-285K	250	4	70.1		3900	
			5	65.7			
			6	61.8			

*可配置不同压力的机型选择不同主机的齿比。
*By changing the gear ratio of the airend,we can have the different working pressure for the compressors.

注：机组实际出风量根据ISO1217，在20 C环境温度以及最高工作压力下的实测值。
Note: The actual air output of the unit according to ISO1217, in 20 degrees environment and the highest working pressure of the measured value.

整机特点介绍：
Compressor Features Introduce:

1.Compressor design Over nation primary energy efficiency;
2.Adopt Axial flow fan, low speed, low noise;
3.Motor adopt Single frequency inverters, keep energy–saving to excellent;
4.Adopt unique design for air inlet, advanced energy–saving effect;
5.Super–large separation system design, improve lifetime;
6.Air end adopt 20pcs bearing structure, low vibration, long lifetime;
7.Adopt oil cooling compact design, reduce shaft power loss, Improving energy efficiency;
8.With PLC control system, intelligent operation.

1、整机系统设计达到国家一级能效；
2、采用轴流风机，低转速，低噪音；
3、电机采用单变频，节能效果达到极致；
4、采用独特进风设计，提高节能效果，延长寿命；
5、超大分离系统设计，提高使用寿命；
6、主机采用20个轴承高配置结构，低振动、超长寿命；
7、采用油冷一体电机设计，减少轴功率损耗，提高能效；
8、可搭载PLC智慧控制系统，智能化控制运行。

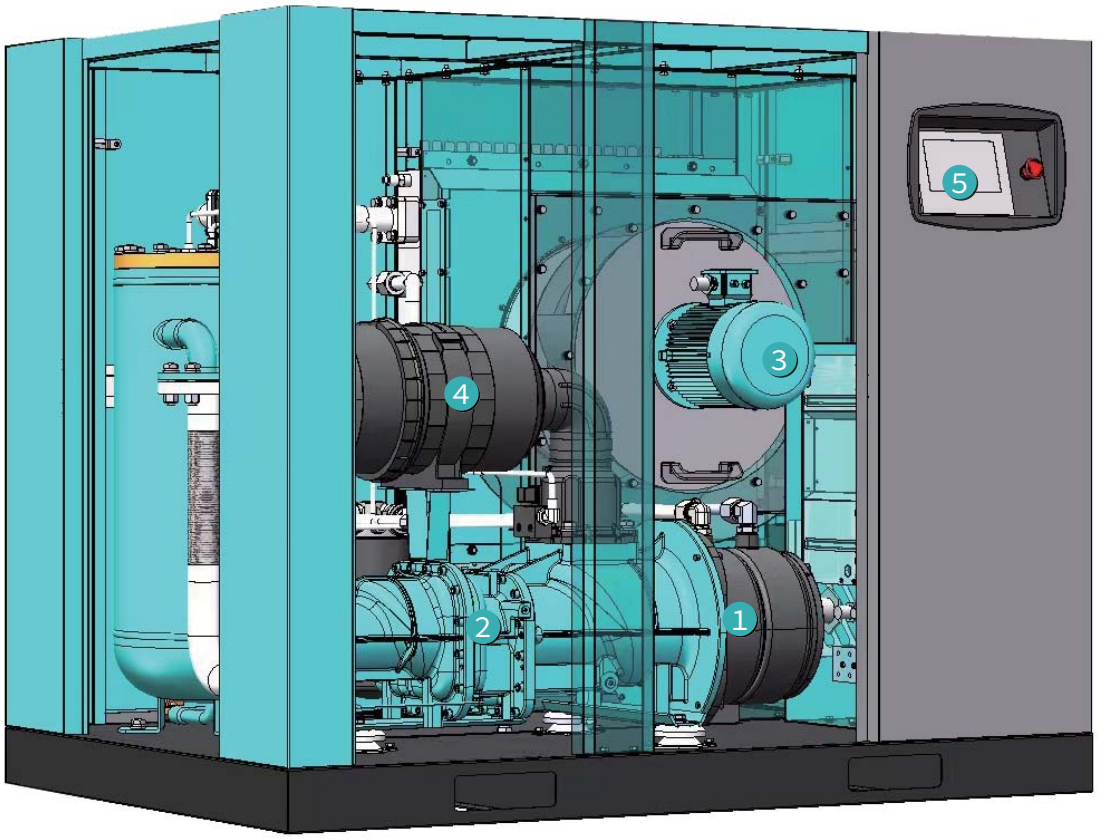
TK系列技术参数（6-10bar）

TK SERIES TECHNICAL PARAMETER(6-10bar)

型 号Model	主机型号Air end Model	电机功率 Motor power (kw)	排气压力 Air Discharge Pressure (bar)	额定流量 Rated flow rate (m3/min)	外形尺寸 Overall dimensions (mm)	重量 Weight (KG)	出口管径 Outlet pipe diameter
TK30Y-6B-H1	SLG37N	30	6	6.8	1360×1020×1450	755	G2
TK30Y-7B-H1			7	6.4			
TK30Y-8B-H1			8	6			
TK30Y-10B-H1			10	5			
TK37Y-6B-H1		37	6	8.1		860	
TK37Y-7B-H1			7	7.6			
TK37Y-8B-H1			8	7.1			
TK37Y-10B-H1			10	6.2			
TK45Y-6B-H1	SLG55N	45	6	10.1	1580×1200×1600	1120	G2-1/2
TK45Y-7B-H1			7	9.7			
TK45Y-8B-H1			8	9.3			
TK45Y-10B-H1			10	6.9			
TK55Y-6B-H1		55	6	12.9		1180	
TK55Y-7B-H1			7	12.4			
TK55Y-8B-H1			8	12.3			
TK55Y-10B-H1			10	10.6			
TK55Y-6B-H1-A1	SLG75N	55	6	13.6	1580×1330×1970	1560	
TK55Y-7B-H1-A1			7	13			
TK55Y-8B-H1-A1			8	12.8			
TK55Y-10B-H1-A1			10	11			
TK75Y-6B-H1-A1		75	6	17.2		1600	
TK75Y-7B-H1-A1			7	16.3			
TK75Y-8B-H1-A1			8	15.8			
TK75Y-10B-H1-A1			10	12.6			
TK90Y-6B-H1	SLG110N	90	6	21.5		1850	
TK90Y-7B-H1			7	20.9			
TK90Y-8B-H1			8	20.3			
TK90Y-10B-H1			10	16			
TK110Y-6B-H1	SLG110N	110	6	25.5	1680×1400×2160	2035	G3
TK110Y-7B-H1			7	24.5			
TK110Y-8B-H1			8	23.6			
TK110Y-10B-H1			10	20.8			
TK132Y-6B-H1	SLG132N	132	6	30.2		2170	
TK132Y-7B-H1			7	29.3			
TK132Y-8B-H1			8	28.6			
TK132Y-10B-H1			10	24.1			
TK160Y-6B-H1	SLG160N	160	6	35.8	2500×1680×2167	2880	DN125
TK160Y-7B-H1			7	34.8			
TK160Y-8B-H1			8	33.6			
TK160Y-10B-H1			10	28.2			
TK185Y-6B-H1	SLG220N	185	6	44.1		3180	
TK185Y-7B-H1			7	43			
TK185Y-8B-H1			8	42			
TK185Y-10B-H1			10	33.2			
TK200Y-6B-H1	SLG220N	200	6	46		3200	
TK200Y-7B-H1			7	44.7			
TK200Y-8B-H1			8	43			
TK200Y-10B-H1			10	37			
TK220Y-6B-H1		220	6	51.6	2700×1880×2350	3700	DN125
TK220Y-7B-H1			7	49			
TK220Y-8B-H1			8	46.5			
TK220Y-10B-H1			10	42			
TK250Y-6B-H1	SLG315N	250	6	58.8		3900	
TK250Y-7B-H1			7	56.5			
TK250Y-8B-H1			8	54			
TK250Y-10B-H1			10	46			

TQ系列双级永磁变频（油冷）一体螺杆压缩机

TQ SERIES TWO STAGE (OIL-COOLED) PM FREQUENCY INVERTER COMPACT TYPE SCREW AIR COMPRESSOR



1 高效永磁油冷电机
High efficiency PM（OIL-COOLED）motor

电机防护等级IP65，H级绝缘等级，耐高温≥150℃，通过一体式锥轴连接设计，减少轴功率损耗，提高能效。

Motor Protection Grade IP65, class H insulation, high temperature ≥150 ° C, through the integrated design of tapered shaft connection, reduce shaft power loss, improve energy efficiency.

2 上下级螺杆主机
Double stage compressor air end

主机采用15颗高配角接触球轴承，低振动设计，低噪音，节能高效

Air end adopts 15 pcs SKF Super-precision angular contact ball bearings, low vibration design, low noise, energy saving and high efficiency

3 离心风机
Centrifugal fan

采用离心风机设计相比轴流风机噪音更低、风量更大;

Centrifugal fan: Compared to axial flow fan, it has lower noise and larger air volume

4 空气滤芯
Air Filter Element

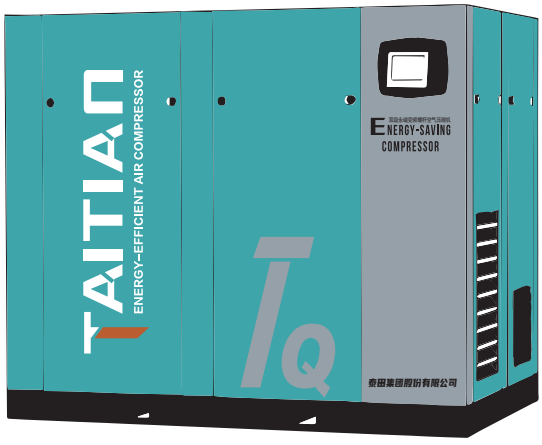
1.采用特殊的过滤介质，融灰量高
2.径向密封采用合成橡胶。
3.不含金属件，处置对生态无害
4.折褶成型稳定，可防止折褶在恶劣工作状态下粘结在一起

1.The unique filtration layer, let ash high quantity
2.Radial sealing to use synthetic rubber
3.Do not contain metal parts durable and environmental protection.
4.Fold down forming stabillity,can prevent fold down inbad conaition bond to do work together

5 智能控制屏 Intelligent Touch Screen

1.中英文界面显示可选，操作方便。
2.压力、温度等各种参数按预设置值进行监测及控制。
3.故障自动报警及保护，历史运行储存及查询。
4.可实现远程监控或空压机之间多台联动控制。

1. Chinese and English interface display optional, easy to operate.
2. Pressure, temperature and other parameters according to preset for continuous monitoring, display and control.
3. Fault automatic alarm and protection, history can be stored and queried.
4. It can realize computer remote monitoring communication or multiple linkage control between air compressors.



TQ低压系列技术参数（4-6bar）
TQ SERIES LOW PRESSURE TECHNICAL PARAMETER(4-6bar)

型 号Model	主机型号Air end Model	电机功率 Motor power (kw)	排气压力 Air Discharge Pressure (bar)	额定流量 Rated flow rate (m3/min)	外形尺寸 Overall dimensions (mm)	重量 Weight (KG)	出口管径 Outlet pipe diameter
TQ37Y-5A-H1	SLG55X	37	4	10.8	2000×1500×1660	1350	DN65
			5	9.5			
			6	8.6			
TQ45Y-5B-H2	SLG55X	45	4	12.5		1450	
			5	11.5			
			6	10.7			
TQ55Y-5B-H2	SLG75X	55	4	15.7	2200×1600×1880	1650	
			5	14.6			
			6	13.6			
TQ75Y-5B-H2	SLG110X	75	4	21	2250×1600×1930	2350	DN100
			5	19			
			6	17.8			
TQ90Y-5B-H2		90	4	26		2450	
			5	24.3			
			6	22.8			

*可配置不同压力的机型选择不同主机及转速
*By changing the airend models and input speed of motor,we can have the different working pressure for the compressors.

注：机组实际出风量根据ISO1217，在20℃环境温度以及最高工作压力下的实测值。
Note: The actual air output of the unit according to ISO1217, in 20 degrees environment and the highest working pressure of the measured value.

整机特点介绍：
Compressor Features Introduce：

1.Compressor design Over nation primary energy efficiency;
2.Adopt centrifugal fan, low speed. low noise;
3.Motor adopt two frequency inverters, keep energy–saving to excellent;
4.Adopt unique design for air inlet, advanced energy–saving effect;
5.Super–large separation system design, improve lifetime;
6.Air end adopt 15pcs bearing structure, low vibration, long lifetime;
7.Motor magnet steel adopt stand 180℃ material, to ensure long–term non–demagnetization;
8.With PLC control system, intelligent operation.

1、整机系统设计远超国家一级能效；
2、采用离心风机，低转速，低噪音；
3、电机采用双变频，节能效果达到极致；
4、采用独特进风设计，提高节能效果，延长寿命；
5、超大分离系统设计，提高使用寿命；
6、主机采用15个轴承高配置结构，低振动、超长寿命；
7、采用油冷一体电机设计，减少轴功率损耗，提高能效；
8、可搭载PLC智慧控制系统，智能化控制运行。

TQ常压系列技术参数(6-10bar)

TQ SERIES NORMAL PRESSURE TECHNICAL PARAMETER(6-10bar)

型 号Model	主机型号Air end Model	电机功率 Motor power (kw)	排气压力 Air Discharge Pressure (bar)	额定流量 Rated flow rate (m3/min)	外形尺寸 Overall dimensions (mm)	重量 Weight (KG)	出口管径 Outlet pipe diameter
TQ30Y-6B-H1	SLG30X	30	6	6.8	1750×1150×1380	950	G2
TQ30Y-7B-H1			7	6.4			
TQ30Y-8B-H1			8	6			
TQ30Y-10B-H1			10	5			
TQ37Y-6B-H1	SLG37X	37	6	8.1		980	
TQ37Y-7B-H1			7	7.6			
TQ37Y-8B-H1			8	7.1			
TQ37Y-10B-H1			10	6.2			
TQ45Y-6B-H2	SLG55X	45	6	10.1	2000×1500×1660	1350	DN65
TQ45Y-7B-H2			7	9.7			
TQ45Y-8B-H2			8	9.3			
TQ45Y-10B-H2			10	6.9			
TQ55Y-6B-H2		55	6	12.9		1380	
TQ55Y-7B-H2			7	12.4			
TQ55Y-8B-H2			8	12.3			
TQ55Y-10B-H2			10	10.6			
TQ55Y-6B-H2-B1	SLG75X	55	6	13.6	2200×1600×1880	1550	
TQ55Y-7B-H2-B1			7	13			
TQ55Y-8B-H2-B1			8	12.8			
TQ55Y-10B-H2-B1			10	11			
TQ75Y-6B-H2-B1		75	6	17.2		1600	
TQ75Y-7B-H2-B1			7	16.3			
TQ75Y-8B-H2-B1			8	15.8			
TQ75Y-10B-H2-B1			10	12.6			
TQ90Y-6B-H2	SLG110X	90	6	21.5	2250×1600×1930	1800	DN100
TQ90Y-7B-H2			7	20.9			
TQ90Y-8B-H2			8	20.3			
TQ90Y-10B-H2			10	16			
TQ110Y-6B-H2		110	6	25.5	2650×1535×1881	2100	
TQ110Y-7B-H2			7	24.5			
TQ110Y-8B-H2			8	23.6			
TQ110Y-10B-H2			10	20.8			

*可配置不同压力的机型选择不同主机及转速

*By changing the airend models and input speed of motor,we can have the different working pressure for the compressors.

TE系列双级油冷永磁变频（油冷）一体螺杆压缩机

TE SERIES TWO STAGE (OIL-COOLED) PM FREQUENCY INVERTER COMPACT TYPE SCREW AIR COMPRESSOR

1 高效永磁油冷电机
High efficiency PM motor

电机防护等级IP65，H级绝缘等级，耐高温≥150℃，通过一体式锥轴连接设计，减少轴功率损耗，提高能效。

Motor Protection Grade IP65, class H insulation, high temperature ≥150 ° C, through the integrated design of tapered shaft connection, reduce shaft power loss, improve energy efficiency.

2 水平双级螺杆主机
Honrizontal two stage compressor air end

主机采用一体式锥轴连接设计，低振动，低噪音，节能高效

Adopt integrated tapered shaft connection design, low vibration, low noise, energy saving and high efficiency.

3 轴流风机
Axial flow fan

采用高性价比轴流风机设计，高效散热，经济节能。

Adopting efficient cost-effective axial flow fan design, efficient heat dissipation, economical and energy-saving

4 空气滤芯
Air Filter Element

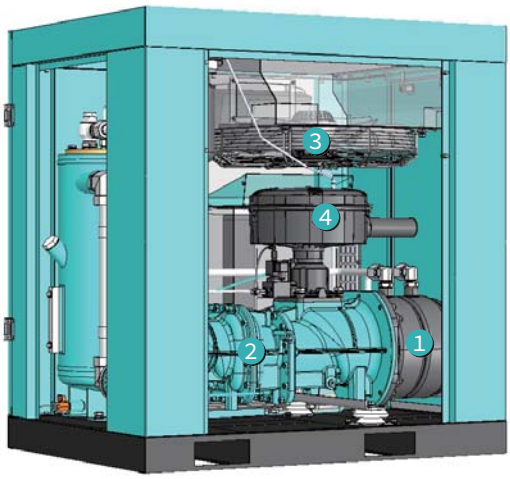
1.采用特殊的过滤介质，融灰量高
2.径向密封采用合成橡胶。
3.不含金属件，处置对生态无害
4.折褶成型稳定，可防止折褶在恶劣工作状态下粘结在一起

1.The unique filtration layer,let ash high quantity
2.Radial sealing to use synthetic rubber
3.Do not contain metal parts durable and environmental protection.
4.Fold down forming stabillity,can prevent fold down inbad conaition bond to do work together

5 智能控制屏 Intelligent Touch Screen

1.中英文界面显示可选，操作方便。
2.压力、温度等各种参数按预设置值进行监测及控制。
3.故障自动报警及保护，历史运行储存及查询。
4.可实现远程监控或空压机之间多台联动控制。

1. Chinese and English interface display optional, easy to operate.
2. Pressure, temperature and other parameters according to preset for continuous monitoring, display and control.
3. Fault automatic alarm and protection, history can be stored and queried.
4. It can realize computer remote monitoring communication or multiple linkage control between air compressors.



TE低压系列技术参数（4-6bar）

TE SERIES LOW PRESSURE TECHNICAL PARAMETER(4-6bar)

型 号 Model	主机型号Air end Model	电机功率 Motor power (kw)	排气压力 Air Discharge Pressure (bar)	额定流量 Rated flow rate (m3/min)	外形尺寸 Overall dimensions (mm)	重量 Weight (KG)	出口管径Outlet pipe diameter
TE11Y-5B-H1	SLG15X	11	4	2.7	1200×950×1200	305	G1-1/4
			5	2.5			
			6	2.32			
TE15Y-5B-H1	SLG30X	15	4	3.8		450	
			5	3.5			
			6	3.25			
TE18.5Y-5B-H1	SLG30X	18.5	4	4.62	1360×1020×1450	468	G2
			5	4.34			
			6	4.1			
TE22Y-5B-H1	SLG30X	22	4	5.5		542	
			5	5.2			
			6	4.9			
TE30Y-5B-H1	SLG37X	30	4	7.3		646	
			5	6.8			
			6	6.4			
TE37Y-5B-H1	SLG37X	37	4	9	1580×1200×1600	1077	G2-1/2
			5	8.3			
			6	7.7			
TE45Y-5B-H1	SLG55X	45	4	12.55		1130	
			5	11.78			
			6	11.08			
TE55Y-5B-H1	SLG75X	55	4	14.83	1580×1300×1800	1230	
			5	13.93			
			6	13.10			
TE75Y-5B-H1	SLG110X	75	4	20		1395	
			5	18.8			
			6	17.5			
TE90Y-5B-H1	SLG110X	90	4	24	1680×1400×2160	2050	G3
			5	22.55			
			6	21.15			
TE110Y-5B-H1	SLG132X	110	4	28.85		2210	
			5	27.4			
			6	26.05			

*可配置不同压力的机型选择不同主机及转速

*By changing the airend models and input speed of motor,we can have the different working pressure for the compressors.

注：机组实际出风量根据ISO1217，在20℃环境温度以及最高工作压力下的实测值。

Note: The actual air output of the unit according to ISO1217, in 20 degrees environment and the highest working pressure of the measured value.

TE常压系列技术参数(6-10bar)

TE SERIES NORMAL PRESSURE TECHNICAL PARAMETER(6-10bar)

型 号 Model	主机型号Air end Model	电机功率 Motor power (kw)	排气压力 Air Discharge Pressure (bar)	额定流量 Rated flow rate (m3/min)	外形尺寸 Overall dimensions (mm)	重量 Weight (KG)	出口管径Outlet pipe diameter
TE11Y-6B-H1	SLG15X	11	6	2.4	1050×770×1080	297	G1
TE11Y-7B-H1			7	2.2			
TE11Y-8B-H1			8	2		298	
TE15Y-10B-H1		15	10	1.9			
TE22Y-6B-H1	SLG30X	22	6	4.9	1200×950×1200	439	G1-1/4
TE22Y-7B-H1			7	4.5			
TE22Y-8B-H1			8	4			
TE22Y-10B-H1	SLG15X		10	3.3			
TE30Y-6B-H1	SLG30X	30	6	6.2	1360×1020×1450	529	G2
TE30Y-7B-H1			7	5.8			
TE30Y-8B-H1			8	5.4			
TE30Y-10B-H1	SLG15X		10	5			
TE37Y-6B-H1	SLG37X	37	6	7.8		630	
TE37Y-7B-H1			7	7.3			
TE37Y-8B-H1			8	6.8			
TE37Y-10B-H1	SLG30X		10	6			
TE45Y-6B-H1	SLG55X	45	6	9.7	1580×1200×1600	1050	G2-1/2
TE45Y-7B-H1			7	9.3			
TE45Y-8B-H1			8	8.9			
TE45Y-10B-H1	SLG37X		10	6.7			
TE55Y-6B-H1	SLG55X	55	6	11.8		1100	
TE55Y-7B-H1			7	11.4			
TE55Y-8B-H1			8	11			
TE55Y-10B-H1	SLG37X		10	10.4			
TE75Y-6B-H1	SLG75X	75	6	16.1	1580×1300×1800	1200	
TE75Y-7B-H1			7	15.7			
TE75Y-8B-H1			8	15.3			
TE75Y-10B-H1	SLG55X		10	12.4			
TE90Y-6B-H1	SLG110X	90	6	20.6		1360	
TE90Y-7B-H1			7	20.2			
TE90Y-8B-H1			8	19.8			
TE90Y-10B-H1	SLG75X		10	15.6			
TE110Y-6B-H1	SLG110X	110	6	24.5	1680×1400×2160	2000	G3
TE110Y-7B-H1			7	23.6			
TE110Y-8B-H1			8	22.8			
TE110Y-10B-H1	SLG75X		10	20.5			
TE132Y-6B-H1	SLG132X	132	6	28		2150	
TE132Y-7B-H1			7	27			
TE132Y-8B-H1			8	26			
TE132Y-10B-H1	SLG110X		10	23.2			

*可配置不同压力的机型选择不同主机及转速

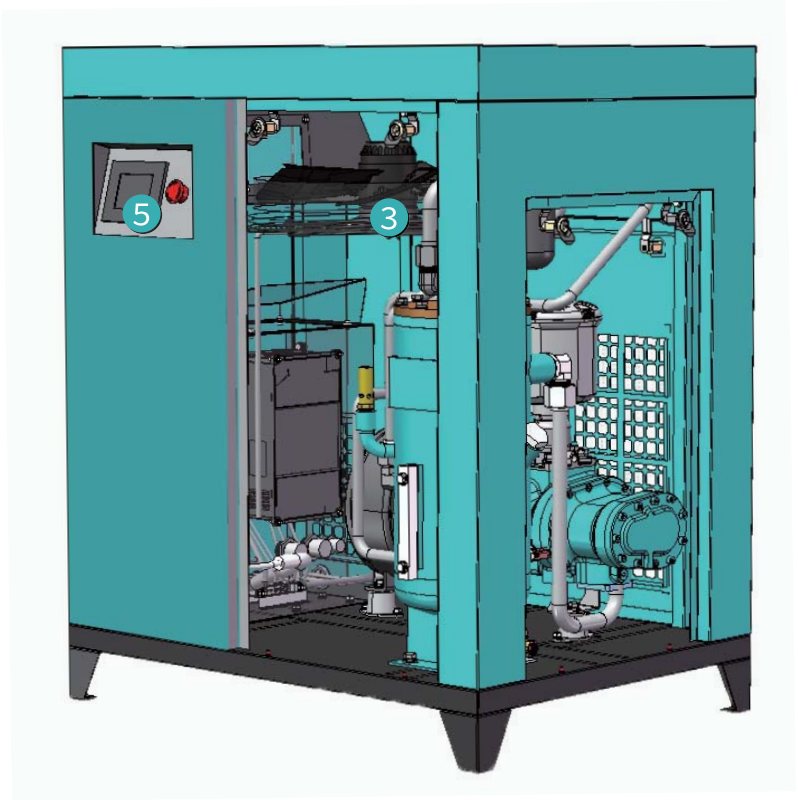
*By changing the airend models and input speed of motor,we can have the different working pressure for the compressors.

注：机组实际出风量根据ISO1217，在20℃环境温度以及最高工作压力下的实测值。

Note: The actual air output of the unit according to ISO1217, in 20 degrees environment and the highest working pressure of the measured value.

TF系列单级永磁变频（油冷）一体螺杆压缩机

TF SERIES SINGLE STAGE (OIL-COOLED) PM FREQUENCY INVERTER COMPACT TYPE SCREW AIR COMPRESSOR



1 高效永磁油冷电机
High efficiency PM motor

电机防护等级IP65，H级绝缘等级，耐高温≥150℃，通过一体式锥轴连接设计，减少轴功率损耗，提高能效。

Motor Protection Grade IP65, class H insulation, high temperature ≥150 ° C, through the integrated design of tapered shaft connection, reduce shaft power loss, improve energy efficiency.

2 单级螺杆主机
Single stage compressor air end

采用4颗高精密轴承设计，5：6齿比螺杆，低振动设计，低噪音，节能高效

Designed with 4 high-precision bearings,Male rotor and female rotor adopt 5：6 ratio ,low vibration design, low noise, energy saving and high efficiency

3 轴流风机
Axial flow fan

采用高性价比轴流风机设计，高效散热，经济节能。

Adopting efficient cost-effective axial flow fan design, efficient heat dissipation, economical and energy-saving

4 空气滤芯
Air Filter Element

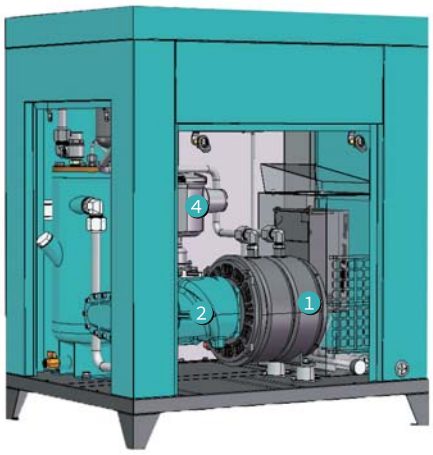
1.采用特殊的过滤介质，融灰量高
2.径向密封采用合成橡胶。
3.不含金属件，处置对生态无害
4.折褶成型稳定，可防止折褶在恶劣工作状态下粘结在一起

1.The unique filtration layer, let ash high quantity
2.Radial sealing to use synthetic rubber
3.Do not contain metal parts durable and environmental protection.
4.Fold down forming stabillity,can prevent fold down inbad conaition bond to do work together

5 智能控制屏 Intelligent Touch Screen

1.中英文界面显示可选，操作方便。
2.压力、温度等各种参数按预设置值进行监测及控制。
3.故障自动报警及保护，历史运行储存及查询。
4.可实现远程监控或空压机之间多台联动控制。

1. Chinese and English interface display optional, easy to operate.
2. Pressure, temperature and other parameters according to preset for continuous monitoring, display and control.
3. Fault automatic alarm and protection, history can be stored and queried.
4. It can realize computer remote monitoring communication or multiple linkage control between air compressors.



TF常压系列技术参数(6-10bar)

TF SERIES NORMAL PRESSURE TECHNICAL PARAMETER(6-10bar)

整机型号 Model	主机型号 Air end Model	排气压力 Air Discharge Pressure (bar)	电机功率 Motor power (kW)	马力 Horse Power (HP)	电压 Voltage (V)	排量Air Discharge (m3/min)	重量 Weight (kg)	外形尺寸External Dimension(mm)	启动方式 Starting Method	冷却方式 Cooling Method	出口管径Outlet pipe diameter
TF7.5Y-6B-H1	DLG7V	6	7.5	10	380	1.22	220	730×600×950	变频启动 Variable frequency starting	风冷 Air-cooled	G1/2
TF7.5Y-7B-H1		7				1.10	210				
TF7.5Y-8B-H1	DLG6.5V	8				1.00	210				
TF7.5Y-10B-H1		10				0.80	207				
TF15Y-6B-H1	DLG15V	6	15	20		2.75	445	940×700×1100			G3/4
TF15Y-7B-H1		7				2.50	425				
TF15Y-8B-H1		8				2.30	420				
TF15Y-10B-H1	DLG11V	10				1.90	420				
TF22Y-6B-H1	DLG22V	6	22	30		4.20	630	1070×800×1200			G1
TF22Y-7B-H1		7				3.80	598				
TF22Y-8B-H1		8				3.40	598				
TF22Y-10B-H1	DLG18.5V	10				2.90	593				
TF37Y-6B-H1	DLG37V	6	37	50		7.10	846	1200×960×1280			G1-1/2
TF37Y-7B-H1		7				6.60	815				
TF37Y-8B-H1		8				6.20	815				
TF37Y-10B-H1	DLG22V	10				5.00	790				

注：机组实际出风量根据ISO1217，在20℃环境温度以及最高工作压力下的实测值。

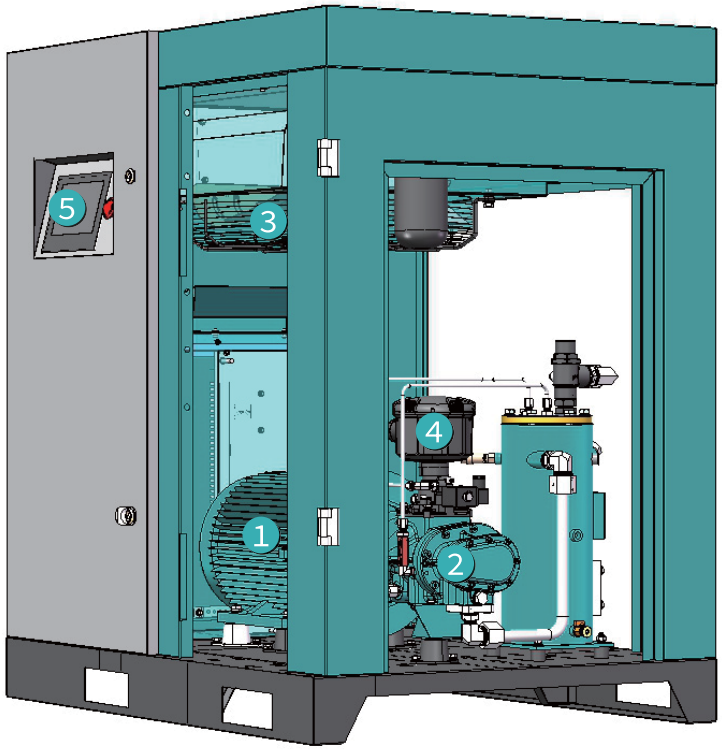
Note: The actual air output of the unit according to ISO1217, in 20 degrees environment and the highest working pressure of the measured value.

整机特点介绍：
Compressor Features Introduce：

1.Designed with 4 high–precision bearings, energy–saving compressor;
2.Adopt Axial flow fan, low speed, low noise;
3.Adopt oil cooling compact design, reduce shaft power loss, Improving energy efficiency;
4.Adopt unique design for air inlet, advanced energy–saving effect;
5.With PLC control system, intelligent operation.

1、采用4颗高精密轴承设计，节能型压缩机；
2、采用轴流风机，低转速，低噪音；
3、采用油冷一体电机设计，减少轴功率损耗，提高能效；
4、采用独特进风设计，提高节能效果，延长寿命；
5、可搭载PLC智慧控制系统，智能化控制运行。

TB系列单级(风冷)分体螺杆压缩机
TB SERIES SINGLE STAGE (AIR-COOLED) SPLIT -TYPE AIR COMPRESSOR



1 高效永磁电机
High efficiency PM motor

电机轴承选用SKF轴承，防护等级IP55，F级绝缘等级，电机效率高达97%。

Motor bearing adopt SKF bearing, Protection Grade IP55, class F insulation, energy efficiency up to 97% .

2 单级螺杆主机
Single stage compressor air end

采用8颗高精密轴承设计，5：6齿比螺杆，低振动设计，低噪音，节能高效

Designed with 8 high-precision bearings,Male rotor and female rotor adopt 5：6 ratio ,low vibration design, low noise, energy saving and high efficiency

3 轴流风机
Axial flow fan

采用高性价比轴流风机设计，高效散热，经济节能。

Adopting efficient cost-effective axial flow fan design, efficient heat dissipation, economical and energy-saving

4 空气滤芯
Air Filter Element

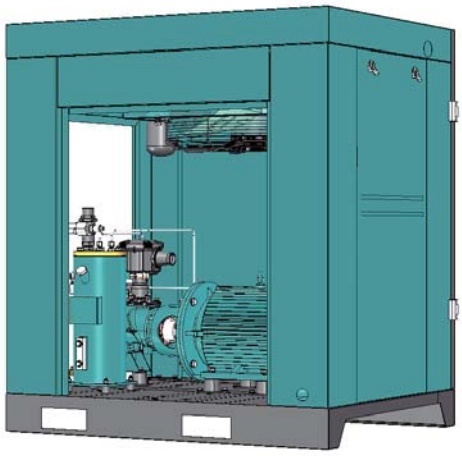
1.采用特殊的过滤介质，融灰量高
2.径向密封采用合成橡胶。
3.不含金属件，处置对生态无害
4.折褶成型稳定，可防止折褶在恶劣工作状态下粘结在一起

1.The unique filtration layer, let ash high quantity
2.Radial sealing to use synthetic rubber
3.Do not contain metal parts durable and environmental protection
4.Fold down forming stabillity,can prevent fold down inbad conaition bond to do work together

5 智能控制屏 Intelligent Touch Screen

1.中英文界面显示可选，操作方便。
2.压力、温度等各种参数按预设置值进行监测及控制。
3.故障自动报警及保护，历史运行储存及查询。
4.可实现远程监控或空压机之间多台联动控制。

1. Chinese and English interface display optional, easy to operate.
2. Pressure, temperature and other parameters according to preset for continuous monitoring, display and control.
3. Fault automatic alarm and protection, history can be stored and queried.
4. It can realize computer remote monitoring communication or multiple linkage control between air compressors.



TB常压系列（永磁变频）技术参数

TB SERIES NORMAL PRESSURE (PM FREQUENCY INVERTER) TECHNICAL PARAMETER

整机型号 Model	主机型号 Air end Model	排气压力 Air Discharge Pressure (bar)	电机功率 Motor power (kW)	马力 Horse Power (HP)	电压 Voltage (V)	排量Air Discharge (m3/min)	电机转速 Motor Speed (rpm)	重量 Weight (kg)	外形尺寸External Dimension(mm)	启动方式 Starting Method	冷却方式 Cooling Method	出口管径Outlet pipe diameter
TB7.5Y-8A-H1	DLG7AA	8	7.5	10	380	1.04	3000	230	800×600×950	变频启动 Variable frequency starting	风冷 Air-cooled	G1/2
TB11Y-8A-H1	DLG11AA		11	15		1.77		430	1000×700×1100			G3/4
TB15Y-8A-H1	DLG15AA		15	20		2.50		450				
TB18.5Y-8A-H1	DLG18.5AA		18.5	25		3.12		580	1300×800×1200			G1
TB22Y-8A-H1	DLG22AA		22	30		3.64		620				
TB30Y-8A-H1	DLG30AA		30	40		5.20		820	1500×960×1280			G1-1/2
TB37Y-8A-H1	DLG37AAR		37	50		6.03		840				
TB45Y-8A-H1	DLG45AAR		45	60		7.59		880	1750×1250×1550			
TB55Y-8A-H1	DLG55AAR		55	75		9.78		940				
TB75Y-8A-H1	DLG75AAR		75	100		12.90		1760	1900×1300×1580			G2
TB90Y-8A-H1	DLG90AAR		90	120		15.18		1860				
TB110Y-8A-H1	DLG110AAR		110	150		19.14		2650	2400×1400×1750			G2-1/2
TB132Y-8A-H1	DLG132AAR		132	175		21.94		2850				

TB常压系列（工频）技术参数

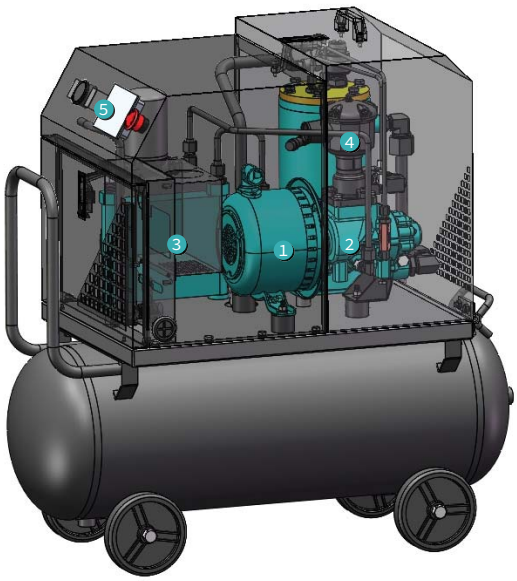
TB SERIES NORMAL PRESSURE (POWER FREQUENCY) TECHNICAL PARAMETER

整机型号 Model	主机型号 Air end Model	排气压力 Air Discharge Pressure (bar)	电机功率 Motor power (kW)	马力 Horse Power (HP)	电压 Voltage (V)	排量Air Discharge (m3/min)	电机转速 Motor Speed (rpm)	重量 Weight (kg)	外形尺寸External Dimension(mm)	启动方式 Starting Method	冷却方式 Cooling Method	出口管径Outlet pipe diameter
TB7.5G-8A	DLG7AA	8	7.5	10	380	1.04	3000	230	800×600×950	星三角启动Star-Delta Starting	风冷 Air-cooled	G1/2
TB11G-8A	DLG11AA		11	15		1.77		430	1000×700×1100			G3/4
TB15G-8A	DLG15AA		15	20		2.50		450				
TB18.5G-8A	DLG18.5AA		18.5	25		3.12		580	1300×800×1200			G1
TB22G-8A	DLG22AA		22	30		3.64		620				
TB30G-8A	DLG30AA		30	40		5.20		820	1500×960×1280			G1-1/2
TB37G-8A	DLG37AAR		37	50		6.03		840				
TB45G-8A	DLG45AAR		45	60		7.59		880	1750×1250×1550			
TB55G-8A	DLG55AAR		55	75		9.78		940				
TB75G-8A	DLG75AAR		75	100		12.90		1760	1900×1300×1580			G2
TB90G-8A	DLG90AAR		90	120		15.18		1860				
TB110G-8A	DLG110AAR		110	150		19.14		2650	2400×1400×1750			G2-1/2
TB132G-8A	DLG132AAR		132	175		21.94		2850				

注：机组实际出风量根据ISO1217，在20℃环境温度以及最高工作压力下的实测值。

Note: The actual air output of the unit according to ISO1217, in 20 degrees environment and the highest working pressure of the measured value.

ME/MS系列单级螺杆压缩机
ME/MS SERIES SINGLE STAGE SCREW AIR COMPRESSOR



1 高效永磁电机
High efficiency PM motor

电机防护等级IP23，通过直连结构设计，减少轴功率损耗，提高能效。

Motor Protection Grade IP23, through direct drive structure connection, reduce shaft power loss, improve energy efficiency.

2 单级螺杆主机
Single stage compressor air end

采用5：6齿比螺杆，低振动设计，低噪音，节能高效

Male rotor and female rotor adopt 5：6 ratio, low vibration design, low noise, energy saving and high efficiency

3 变频器
Frequency Inverter

抗干扰能力强，信号输出稳定，保证整机平稳运行

Strong anti-interference ability, stable signal output, ensure the smooth operation of the whole machine

4 空气滤芯
Air Filter Element

1.采用特殊的过滤介质，融灰量高
2.径向密封采用合成橡胶。
3.不含金属件，处置对生态无害
4.折褶成型稳定，可防止折褶在恶劣工作状态下粘结在一起

1.The unique filtration layer,let ash high quantity
2.Radial sealing to use synthetic rubber
3.Do not contain metal parts durable and environmental protection
4.Fold down forming stabillity,can prevent fold down inbad conaition bond to do work together

5 智能控制屏
Intelligent Touch Screen

1.中英文界面显示可选，操作方便。
2.压力、温度等各种参数按预设置值进行监测及控制。
3.故障自动报警及保护，历史运行储存及查询。

1. Chinese and English interface display optional, easy to operate.
2. Pressure, temperature and other parameters according to preset for continuous monitoring, display and control.
3. Fault automatic alarm and protection, history can be stored and queried.

ME/MS-9 螺杆压缩机-技术参数
ME/MS-9 SERIES TECHNICAL PARAMETER

整机型号 Model	主机型号 Air end Model	排气压力 Air Discharge Pressure (bar)	电机功率 Motor power (kW)	马力 Horse Power (HP)	启动方式 Starting Method	电压 Voltage (V)	排量Air Discharge (m3/min)	电机转速 Motor Speed (rpm)	重量 Weight (kg)	外形尺寸External Dimension(mm)	冷却方式 Cooling Method	储气罐容积 Air tank Volume(L)	出口管径Outlet pipe diameter
ME2.2G-9A	DLG2.2V	8	2.2	3	工频启动 Power Frequency starting	220V	0.223	2800	92	990x440x960	风冷 Air-cooled	60	G1/2
		9					0.215						
ME3.0G-9A	DLG3V	8	3	4			0.275	2800	98	1000x445x1100		100	
		9					0.265						
MS4.0G-9A	DLG4V	8	4	5.5		380V	0.485	2880	112				
		9					0.472						
MS5.5G-9A	DLG5.5V	8	5.5	7.5			0.675	2900	114				
		9					0.651						

ME-10 螺杆压缩机-技术参数
ME-10 SERIES TECHNICAL PARAMETER

整机型号 Model	主机型号 Air end Model	排气压力 Air Discharge Pressure (bar)	电机功率 Motor power (kW)	马力 Horse Power (HP)	启动方式 Starting Method	电压 Voltage (V)	排量Air Discharge (m3/min)	电机转速 Motor Speed (rpm)	重量 Weight (kg)	外形尺寸External Dimension(mm)	冷却方式 Cooling Method	储气罐容积 Air tank Volume(L)	出口管径Outlet pipe diameter
ME3.0Y-10B	DLG2.2V	10	3	4	变频启动 Variable frequency starting	220V	0.278	3800	92	1000x445x1100	风冷 Air-cooled	100	G1/2
ME4.0Y-10B	DLG4V		4	5.5			0.368	3150	98				
ME5.5Y-10B	DLG5.5V		5.5	7.5			0.62	3200	108				
ME7.5Y-10B	DLG6.5V		7.5	10			0.91	2950	230	1550x600x1300		300	G3/4

MS-15 螺杆压缩机-技术参数
MS-15 SERIES TECHNICAL PARAMETER

整机型号 Model	主机型号 Air end Model	排气压力 Air Discharge Pressure (bar)	电机功率 Motor power (kW)	马力 Horse Power (HP)	启动方式 Starting Method	电压 Voltage (V)	排量Air Discharge (m3/min)	电机转速 Motor Speed (rpm)	重量 Weight (kg)	外形尺寸External Dimension(mm)	冷却方式 Cooling Method	储气罐容积 Air tank Volume(L)	出口管径Outlet pipe diameter
MS11Y-15B	DLG6.5V	15	11	15	变频启动 Variable frequency starting	380V	1.00	3100	230	1550x600x1300	风冷 Air-cooled	300	G3/4
MS11G-15A	DLG7V	15	11	15	工频启动 Power Frequency starting	380V	1.00	2850	240				

注：机组实际出风量根据ISO1217，在20℃环境温度以及最高工作压力下的实测值。

Note: The actual air output of the unit according to ISO1217, in 20 degrees environment and the highest working pressure of the measured value.

RBJ 系列风冷式高温冷冻干燥机

RBJ SERIES AIR-COOLED HIGH-TEMPERATURE FREEZE-DRYING MACHINE

冷冻式干燥机选型指南

压缩空气是一种广泛应用于工业领域的重要动力，是仅次于电力的第二大动力能源。

压缩空气来自大气，大气中含有大量的尘埃、水汽、杂质等。未经净化的压缩空气会严重的磨损气动设备，并对阀门、管道等造成堵塞与腐蚀，造成生产设备的损坏、产品的报废，影响正常的生产。因此，对压缩空气进行净化必不可少。

Is a widely used in industrial applications for compressed air of vital energy is the second largest after electricity power energy.

Compressed air from the atmosphere, contain large amounts of dust in the atmosphere, water vapour, impurities, etc. Without the purification of compressed air would seriously wear of pneumatic equipment and valves, causing blockage and pipeline corrosion, resulting in damage to production equipment, product obsolescence, affect normal production. Therefore, the compressed air purification is essential.

正确地选择一台冷冻式干燥机，必须同时考虑到压缩空气的实际流量、压力、温度以下环境温度和要求的压力露点温度五大因素。冷干机处理量$O_s=Q_3XC_1XC_2$，公式中Q_a为压缩空气的实际流量。

举例:

冷干机入口空气压力为0.7Mpa,冷干机入口空气温度为40℃，环境温度为40℃，压缩空气的实际流量Q_a为10Nm^3/min,要求压力露点+2℃，则冷干机处理量$Q_S=Q_3XC_1XC_2$，查表一、表二，C_1=0.80，C_2=1.22，得O_s=9.76，应选择DLS 75AC规格最合适。

表一压缩空气压力及温度修正系数

Table of compressed air pressure and temperature correction coefficient

入口温度 Inlet temperature (℃)	进气压力(Mpa) Inlet pressure						
	0.40	0.50	0.60	0.70	0.80	0.90	1.00
25	0.49	0.43	0.40	0.37	0.35	0.33	0.32
30	0.57	0.50	0.46	0.42	0.40	0.37	0.35
35	0.84	0.77	0.71	0.65	0.62	0.59	0.57
40	0.99	0.91	0.85	0.80	0.77	0.74	0.72
45	1.20	1.11	1.05	1.00	0.97	0.94	0.92
50	1.37	1.30	1.24	1.18	1.14	1.10	1.07

表二环境温度与压力露点修正系数

Table II ambient temperature correction coefficient and pressure dew point

环境温度(℃) Ambient temperature	压力露点 Pressure dew point	
	2℃	10℃
23	0.65	0.34
30	0.78	0.46
35	1.00	0.66
40	1.22	0.86

表一常压露点与含水量对应表

Atmospheric pressure dewpoint and water content in table table

露点(℃) Dew point	水份含量 (g/m^3) Moisture content	露点(℃) Dew point	水份含量 (g/m^3) Moisture content	露点(℃) Dew point	水份含量 (g/m^3) Moisture content	露点(℃) Dew point	水份含量 (g/m^3) Moisture content
14	12.07	-5	3.407	-24	0.7678	-43	0.1298
13	11.35	-6	3.169	-25	0.7074	-44	0.1172
12	10.66	-7	2.946	-26	0.6463	-45	0.1055
11	10.01	-8	2.737	-27	0.5922	-46	0.09501
10	9.309	-9	2.541	-28	0.5422	-47	0.08544
9	8.819	-10	2.358	-29	0.4960	-48	0.07675
8	8.270	-11	2.186	-30	0.4534	-49	0.06886
7	7.750	-12	2.206	-31	0.4141	-50	0.06171
6	7.260	-13	1.876	-32	0.3779	-51.1	0.054
5	6.797	-14	1.736	-33	0.3445	-53.9	0.040
4	6.360	-15	1.605	-34	0.3138	-56.7	0.029
3	5.947	-16	1.483	-35	0.2856	-59.4	0.021
2	5.559	-17	1.369	-36	0.2597	-62.2	0.014
1	5.192	-18	1.261	-37	0.2359	-65.0	0.011
0	4.847	-19	1.165	-38	0.2141	-67.8	0.008
-1	4.523	-20	1.074	-39	0.1940	-70.6	0.005
-2	4.217	-21	0.9884	-40	0.1757	-73.3	0.003
-3	3.930	-22	0.9093	-41	0.1590		
-4	3.660	-23	0.8359	-42	0.1438		

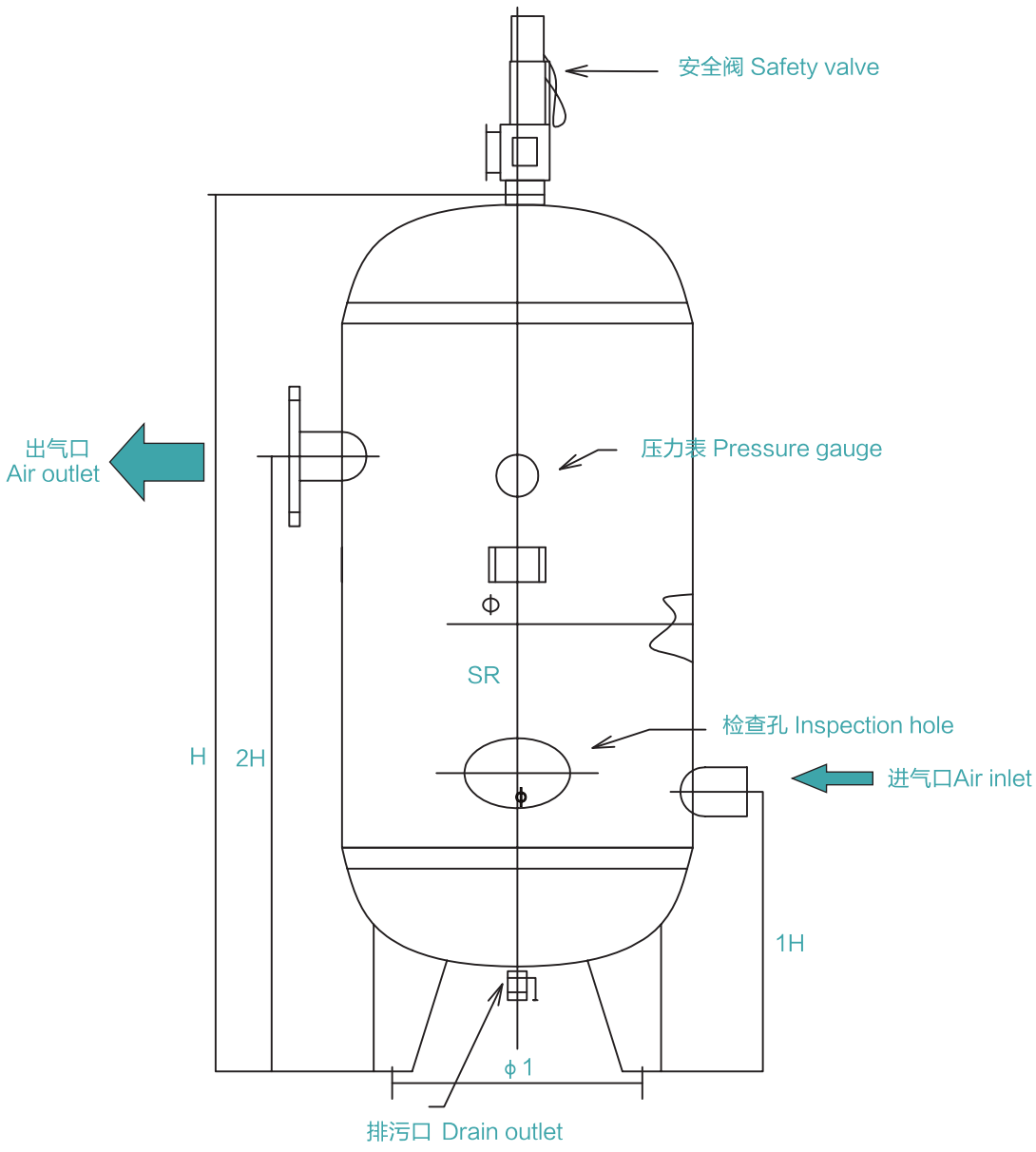
RBJ-风冷式高温冷冻干燥机技术参数：

TECHNICAL PARAMETERS AND SPECIFICATIONS OF AIR-COOLED HIGH-TEMPERATURE FREEZE-DRYING MACHINE

设备型号 Model	处理风量	使用条件极限	压力露点	介质	装机功率	运行电流	风机功率	电源	出口管径Outlet pipe diameter	外形尺寸 (长mm*宽mm*高mm)	重量 Weight (kg)
RBJ-30	3.6Nm³/min	入口温度≤55℃，环境温度≤35℃，工作压力0.7-1.0Mpa	2-10℃ (相当于大气露点-17~-22℃)	R-22	850W	5A	60W*2	AC 220V/50HZ	DN40	930*470*900	73
RBJ-50	6.5Nm³/min				1280W	6.5A	100W*2		DN50	1050*490*1040	103
RBJ-75	10.0Nm³/min				1570W	8A	120W*2		DN65	1130*570*1010	125
RBJ-100	12.5Nm³/min				2250W	4.5A	120W*2	AC 380V/50HZ	DN65	1130*620*1200	168
RBJ-150	20Nm³/min				3380W	6.0A	190W*2		DN80	1450*620*1210	215
RBJ-200	23Nm³/min				3980W	6.5A	240W*2		DN80	1550*620*1310	220
RBJ-250	26Nm³/min				4580W	7.5A	120W*4		DN80	1650*650*1310	270

S2 系列碳钢储气罐

S2 SERIES CARBON STEEL GAS STORAGE TANK



作 用:

1、蓄能（备不时之需）
2、稳定气压
3、缓解脉冲对用气设备的冲击
4、沉淀空气中的水、油污、粉尘
5、提高设备输出气体的连续和稳定性
6、减少压缩机的频繁启动，延长压缩机寿命

Function:

1、Energy storage (for emergency needs)
2、Stable pressure
3、Ease pulse impact on gas equipment
4、To precipitate water, grease & dust in the air
5、Improve the continuity and stability of the equipment for the gas output
6、Reduce the frequent start of the compressor, extend its life

S2 碳钢储气罐-技术参数
S2 SERIES CARBON STEEL GAS STORAGE TANK

一类碳钢储气罐(＜1.6MPa)

序号 NO.	规格specification	设计温度 ℃ temperature	容器总高 H Height	容器内径 φ Dimension	进气口Air inlet			H2	出气口Air outlet		支座Base		排污阀	配套空压机 Compressor
	容积/工作压力 Volume/ pressure				H1 H1	公称直径 DN	螺纹 Thread	H2	法兰DN	螺纹 Thread	φ1 φ1	d d	Drain valve connector	(参考) 容量m3/min Reference volume
1	0.3/0.8	100	1550	550	580	50	Rp1 1/2"	1130	50	Rp1 1/2"	400	20	R1/2"	2.5~3
2	0.3/1.0		1550											2.5~3
3	0.3/1.3	110	1550		580			1130						2.5~3
4	0.6/0.8	100	2060	650	605	65	Rp1 1/2"	1550	65	Rp1 1/2"	470	20	R1/2"	4.8~6
5	0.6/1.0				605			1550						4.8~6
6	0.6/1.3	110	2060		605			1610						4.8~6
7	1.0/0.8	100	2180	800	685	65	Rp1 1/2"	1725	65	Rp1 1/2"	560	25	R1/2"	8~10
8	1.0/1.0													8~10
9	1.0/1.3	110	2202		730			1770						8~10
10	1.5/0.8	110	2290	1000	780	65	Rp2"	1780	65	Rp2"	700	24	R1/2"	12~15
11	1.5/1.0		2291		780									12~15
12	1.5/1.3				781			1780						12~15
13	2.0/0.8	110	2810	1000	780	80	Rp2"	2280	80	Rp2"	700	24	R1/2"	16~20
14	2.0/1.0													16~20
15	2.0/1.3													16~20
16	3.0/0.8	110	2962	1200	880	80		2380	80		840	24	R3/4"	24~30
17	3.0/1.0		2962		881			2380						24~30
18	3.0/1.3		2964		882			2382						24~30
19	4.0/0.8	110	3060	1400	930	100		2430	100		1050	24	R3/4"	32~40
20	4.0/1.0		3062		931			2431						32~40
21	4.0/1.3		3066		933			2433						32~40
22	5.0/0.8	110	3750	1400	930	100		3130	100		1050	24	R3/4"	40~50
23	5.0/1.0		3752		931			3132						40~50
24	5.0/1.3		3756					3133						40~50

S2 碳钢储气罐-技术参数

S2 SERIES CARBON STEEL GAS STORAGE TANK

一类碳钢储气罐(＜1.6MPa)

序号 NO.	规格specification	设计温度 ℃ temperature	容器总高 H Height	容器内径 φ Dimension	进气口Air inlet			H2	出气口Air outlet		支座Base		排污阀	配套空压机 Compressor
	容积/工作压力 Volume/pressure				H1 H1	公称直径 DN	螺纹 Thread	H2	公称直径 DN	螺纹 Thread	φ1 φ1	d d	Drain valve connector	(参考) 容量m3/min Reference volume
25	6.0/0.8	110	4360	1400	930	100		3740	100		1050	24	R3/4	48~60
26	6.0/1.0		4362		931			3741						48~60
27	6.0/1.3		4366		932			3743						48~60
28	8.0/0.8	110	4464	1600	981	150		3831	150		1200	30	R1"	64~80
29	8.0/1.0		4464		982			3732						64~80
30	8.0/1.3		4468		984			3732						64~80
31	10/0.8	110	3765	2000	1082	150		2933	150		1500	30	R1"	80
32	10/1.0		3766		1083			2933						80
33	10/1.3		3770		1086			2936						80
34	12.5/0.8	110	4714	2000	1133	150		3833	150		1500	30	R1"	80
35	12.5/1.0		4716					3834						80
36	12.5/1.3		4722		1136			3836						80
37	15/0.8	110	5084	2100	1172	150		4174	150		1550	30	R1"	80
38	15/1.0		5088		1174			4175						80
39	15/1.3		5094		1176			4177						80
40	20/0.8	110	5236	2400	1298	200		4200	200		1800	36	R1"	80
41	20/1.0		5240		1300									80
42	20/1.3		5244		1302									80
43	25/0.8	110	6136	2400	1298	200		5095	200		1800	36	R1"	80
44	25/1.0		6140		1300									80
45	25/1.3		6144		1302									80
46	30/0.8	110	6896	2500	1324	200		5774	200		1900	36	R1"	80
47	30/1.0		6900		1325			5775						80
48	30/1.3		6908		1329			5779						80
49	40/0.8	110	8676	2500	1323	200		7603	1325		1900	36	R1"	80
50	40/1.0		8680		1325			200						80
51	50/0.8	110	9007	2800	1506	250		6750	250		3000	30	DN40	80
52	50/1.0													80
53	75/1.0	110	10257	3200	1800	250		8200	250		3400	30	DN40	80
54	75/0.8		10256											80

S2 碳钢储气罐-技术参数
S2 SERIES CARBON STEEL GAS STORAGE TANK

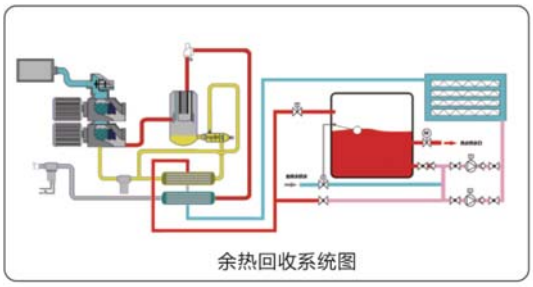
二类碳钢储气罐(≥1.6MPa)

序号 NO.	规格specification	设计温度 ℃ temperature	容器总高 H Height	容器内径 φ Dimension	进气口Air inlet		H2	出气口Air outlet	支座Base		排污阀	配套空压机 Compressor
	容积/工作压力 Volume/pressure				H1 H1	公称直径 DN	H2	公称直径 DN	φ1 φ1	d d	Drain valve connector	(参考) 容量m3/min Reference volume
1	0.3/1.6	110	1626	550	668	50	1217	50	400	20	R1/2	2.5~3
2	0.3/3.0		1630		671		1220				Rc1/2	2.5~3
3	0.3/4.0		1630		673		1222					2.5~3
4	0.6/1.6	110	2136	650	693	65	1704	65	470	20	R1/2	4.8~6
5	0.6/2.5		2410	600	697	50	1997	50	420		Rc1"	4.8~6
6	0.6/3.0		2410		698		1998				Rc1"	4.8~6
7	0.6/4.0		2410		635	65	1945	65			Rc1"	4.8~6
8	1.0/1.6	110	2220	800	730	65	1770	65	560	25	R1/2"	8~10
9	1.0/3.0		2220		730		1770				Rc1"	8~10
10	1.0/4.0		2220		730		1770					8~10
11	1.5/1.6	110	2578	1000	780	65	1780	65	670	25	R1/2	12~15
12	1.5/3.0		2670	950	775		2070				Rc1"	12~15
13	1.5/4.0		2690		794							12~15
14	2.0/1.6	110	2846	1000	783	80	2282	80	700	24	R1/2	16~20
15	2.0/3.0		2984		854		2364				Rc1"	16~20
16	2.0/4.0		2962		856		2351					16~20
17	3.0/1.6	110	2966	1200	883	80	2383	80	950	24	R3/4"	24~30
18	3.0/3.0		2902		916		2218				DN25	24~30
19	4.0/1.6	110	3068	1400	934	100	2434	100	1050	24	R3/4"	32~40
20	4.0/3.0		3006		968		2218				DN25	32~40
21	5.0/1.6	110	3758	1400	932	150	3134	150	1050	24	R1"	40~50
22	5.0/3.0		3882		956		3106				DN25	40~50
23	6.0/1.6	110	4458	1400	932	150	3834	150	1050	24	R1"	48~60
24	6.0/3.0		4582		956		3806				DN25	48~60
25	8.0/1.6	110	4470	1600	985	150	3731	150	1200	25	R1"	64~80
26	8.0/3.0		4656		990		3840				DN25	64~80
27	10/1.6	110	3772	2000	1087	150	2937	150	1500	30	R1"	80
28	12.5/1.6	112	4724	2000	1137	150	3838	150	1500	30	R1"	80
29	15/1.6	113	5094	2100	1179	150	4179	150	1550	30	Rc1"	80
30	20/1.6	114	5248	2400	1254	200	4200	200	1800	36	Rc1"	80
31	25/1.6	115	6158	2400	1304	200	5094	200	1800	36	Rc1"	80
32	30/1.6	116	6982	2500	1331	200	5781	200	1900	36	Rc1"	80

智慧余热回收系统【可选配项】
Intelligent waste heat recovery system [optional]

泰田拥有专业的一体式余热利用型（-HR）空压机。在确保安全、稳定可靠的基础上，泰田为用户量身定制空压机内置余热回收装置（含油余热回收及压缩空气余热回收）。在不影响设备正常工作的前提下，满足客户不同需求。泰田余热回收系统出水温度50~75℃可调。

- 模块化一体式结构设计，设备紧凑结构集成，降低能量传递损耗，占地面积减少40%；
- 余热全回收利用，可回收再利用80%的机组耗能；
- 采用新型列管结构，压损微小，比常规冷却器的压力损失更低，避免后期改造回收余热时所产生压损大的问题，可降低2%能耗；
- 专利换热器结构，使得系统运行稳定可靠性高，且换热管不易结垢；
- 换热管采用316L材料，防氯离子腐蚀，使用寿命长；
- 可搭配泰田处置余热智能控制设备使用，亦可搭配原空压机站冷却塔系统使用。


余热回收系统图

Taitian has a professional integrated waste heat utilization type (- HR) air compressor. On the basis of ensuring safety, stability and reliability, Taitian customizes the built-in waste heat recovery device (oil waste heat recovery and compressed air waste heat recovery) for users. On the premise of not affecting the normal operation of the equipment, to meet the different needs of customers. The effluent temperature of Taitian waste heat recovery system can be adjusted by 50 to 75℃.

·Modular integrated structure design, compact structural integration of equipment, reduction of energy transfer loss, 40% reduction of occupation area

·Full recovery and utilization of waste heat, 80% of unit energy consumption can be recovered and reused

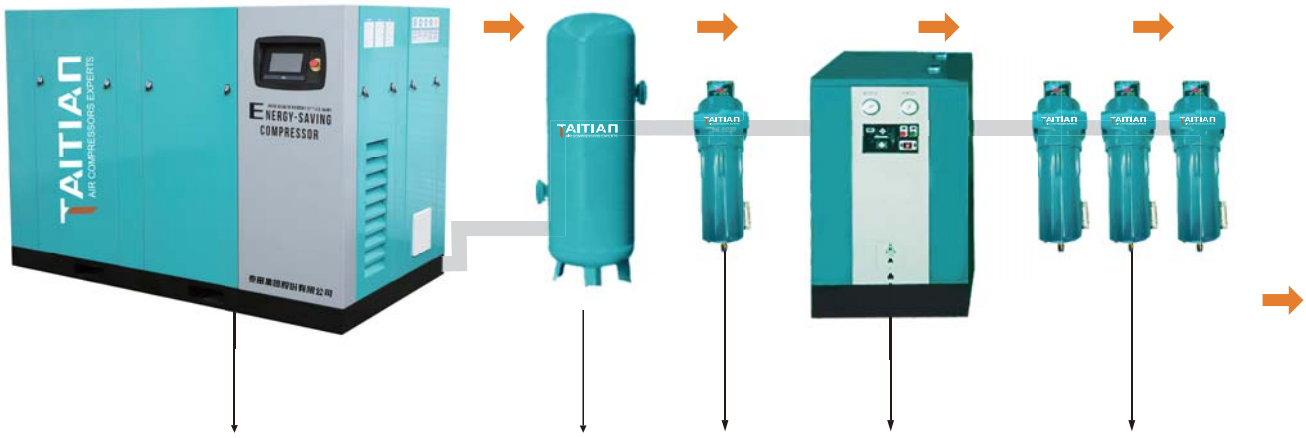
·The pressure loss of the new tube structure is small, which is lower than that of the conventional cooler. The pressure loss caused by the recovery of waste heat in the later stage can be avoided, and the energy consumption can be reduced by 2%.

·The patented heat exchanger structure makes the system stable and reliable, and the heat exchanger pipe is not easy to fouling

·The heat exchanger pipe adopts 316L material, which is anti-chloride ion corrosion and has a long service life.

·It can be used with the intelligent control equipment of waste heat disposal in Taitian, or with the cooling tower system of the original air compressor station.

泰田一站式空气系统解决方案
Taitian One Stop Air System Solutions



质量保证
Quality Assurance

For Over 20 years. Taitian-Group air compressors have been known for their high efficiency, For Taitian, maintenance is not only a simple maintenance of equipment or the use of original parts, Taitian's service can guarantee the return on investment and production efficiency of customers, ensuring that customers win the competition.

二十多年来，泰田（Taitian-Group)空气压缩机一直以高效性，可靠性及稳定性而著称，对泰田而言，维保不仅仅是简单的设备使用维保或原厂配件使用问题，泰田的服务更能够保障客户投资的回报率及生产效率，确保客户在竞争中赢得先机。

客户服务专线
Customer Service Hotline

If you have any comments or suggestions about our products and services. Please call the following number: 400-826-1128

如果您对我们的产品及服务有任何意见及建议，请拨打以下电话：400-826-1128

客户网
Customer Network

For more information about TAITIAN Group advanced compressor technology, please visit the official website of Taitian Group: www.chinataitian.com

想要了解更多关于泰田集团公司先进压缩机技术的的信息，请访问泰田集团官方网站：www.chinataitian.com

In order to become the "energy-saving brand, the first choice" of all compressed air systems in your mind, Taitian Compressor provides products and services aimed at improving your production efficiency.

Taitian compressors innovate according to your requirements for reliability and efficiency. We are committed to providing you with customize air system solutions.

为了成为您心目中所有压缩空气系统的“节能品牌，第一选择”，泰田压缩机所提供的产品和服务宗旨在于提高您的生产效率。

泰田压缩机一如既往根据您对可靠性和效率的需求进行创新。在您紧密合作时，我们致力于为您提供量身定做的空气系统解决方案，一切都是为了您的业务而努力。

⚠ The compressed air produced by air compressors designed and manufactured by Taitian is not suitable for direct breathing air and Taitian Group does not provide special breathing equipment that can be used for direct breathing, and we do not accept any responsibility and liability for the consequences of improper use.

⚠ 泰田设计和制造的空气压缩机所产生的压缩空气不适用于直接呼吸用气，而且泰田集团不提供能用于直接呼吸的特殊用气设备，因此不承担由于使用不当而造成后果的任何责任和义务。

TAI TIAN GROUP CO.,LTD
ADD:NO.98 East Taihe RD,Jiaojiang
Tel：400-826-1128
E-mail: sales@chinatuta.com
Web:www.chinataitian.com

泰田集团股份有限公司
地　　址：浙江省台州市椒江区东太和路98号
电　　话：400-826-1128
邮　　箱：sales@chinatuta.com
网　　址：www.chinataitian.com

拧紧工具事业部
联系人(国内)：王芳 13968601286
联系人(国外)：赵吕 13968634972

空气压缩机事业部
联 系 人：王小莉 13968620951

空气压缩机主机事业部
联 系 人：周宝丰 13867626011

www.chinataitian.com