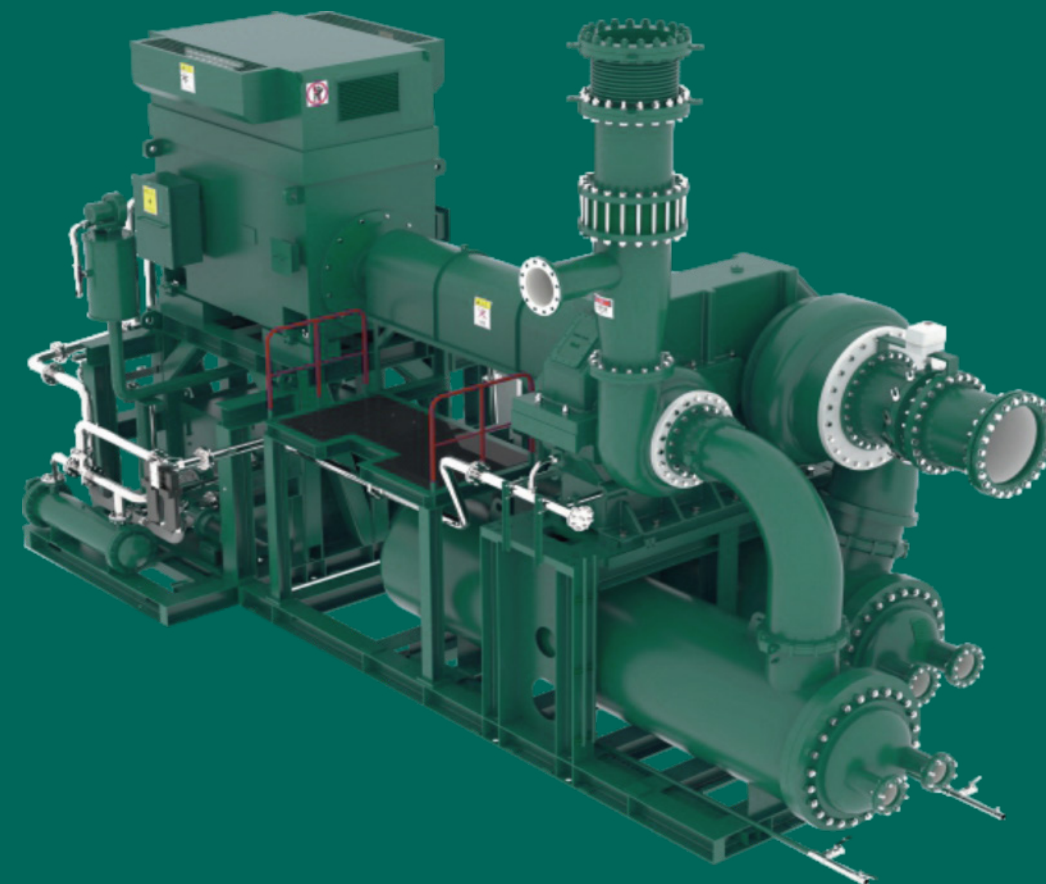


DREAM

STABLE | ENERGY-SAVING | CLEAN | AND EFFICIENT

GREEN ENERGY SHARED DREAM



Dream (Shanghai) Compressor Co.,Ltd.

📍 (International Sales & Operation Center) Room 316, 3rd Floor,
Building 1, Lane 288, Rongxing Road, Zhongshan Street,
Songjiang District, Shanghai

(Zhejiang Manufacturing Center) No. 916, Chuangzhi Road, Xindai Town,
Pinghu City, Jiaxing City, Zhejiang Province

☎ 86-21-67350068

✉ tanggaolu@dmcomp.com

WeChat QR code

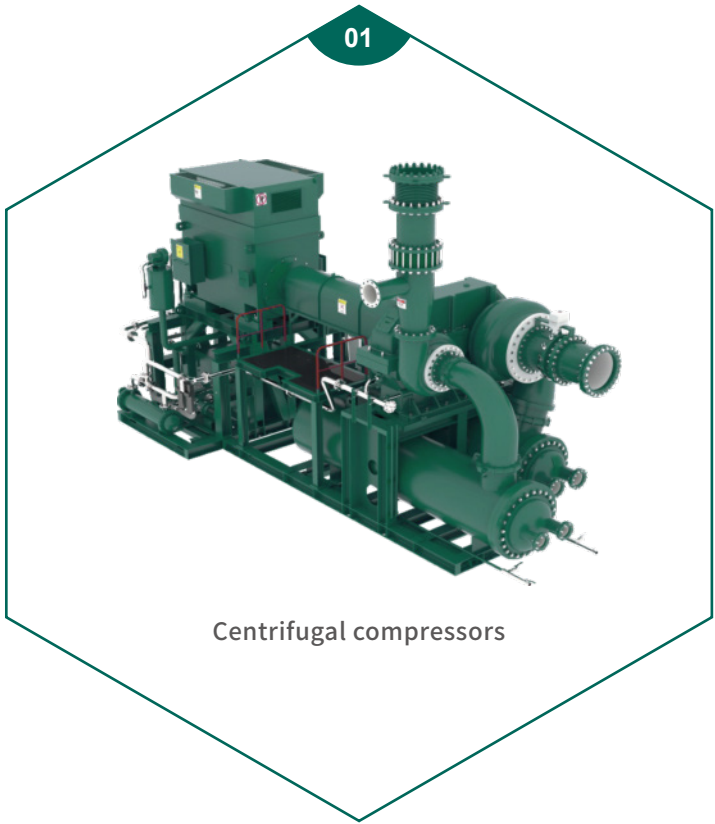


Facebook Company Page



www.dreamcompressor.com
www.dmcomp.com

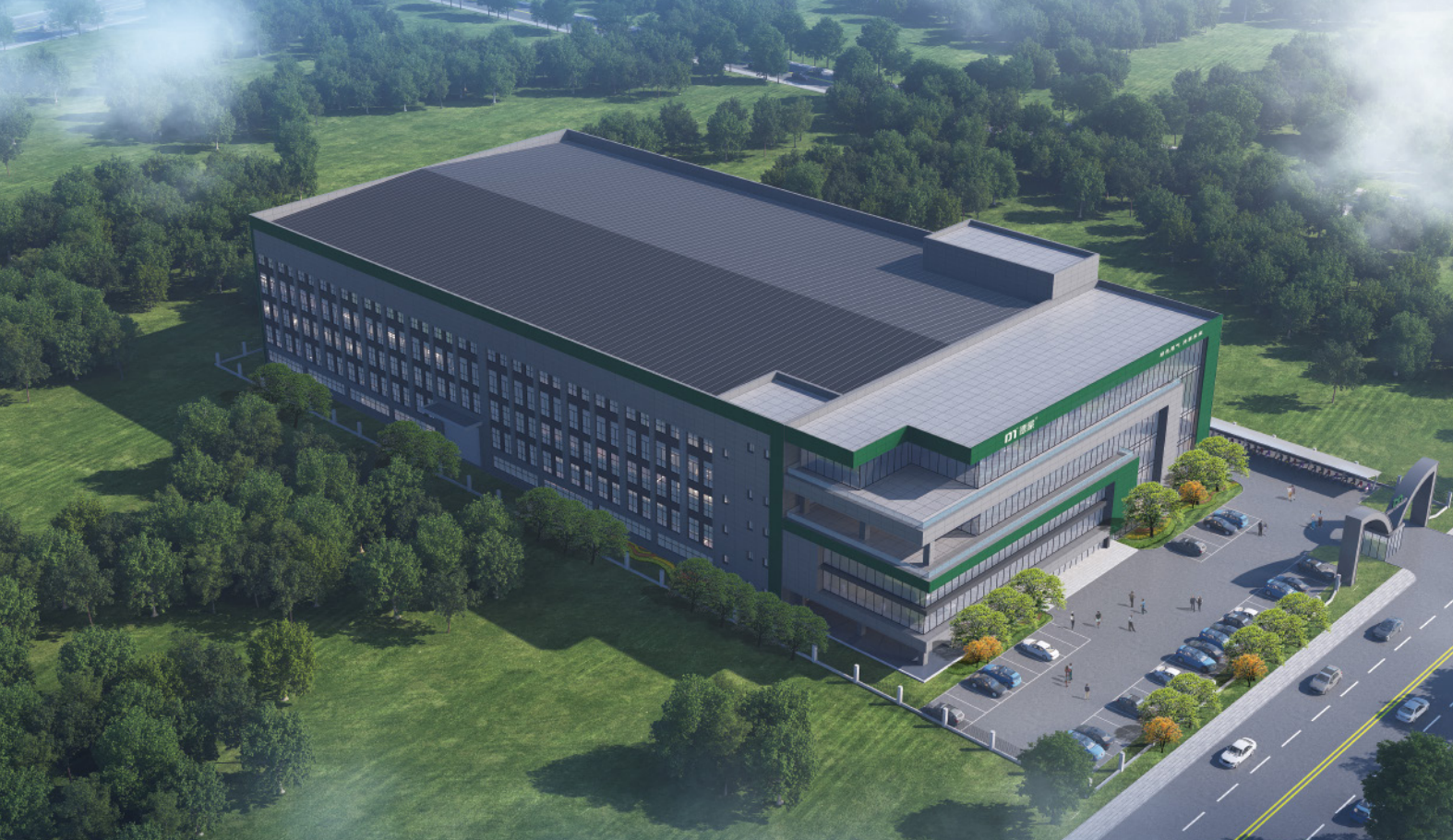
Dream(Shanghai) Compressor Co.,Ltd.



Centrifugal compressors

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ABOUT DREAM



Dream (Shanghai) Compressor Co., Ltd. which established in Shanghai in 2011. It is a company specialized in designing, manufacturing and marketing of air compressors, is A high-tech enterprise that sells and provides system solutions.

It has won honors such as Shanghai Brand Cultivation Demonstration Enterprise, special new enterprise, energy-saving equipment contribution enterprise, high-tech achievement transformation project, etc. The products are widely used in new energy, chemical industry & chemistry, Electronics, textiles, brewing mill, laser cutting, medicine & food and other fields.

Based on concepts of stable, energy-saving, clean, efficiency, simple operation & maintenance, DREAM insists on developing based on market demand and innovation. The company invests 10%-15% of its profits every year into R&D and the upgrading & optimization of products. Innovation is main driver for DREAM grow up. As manufacturer supplier of Air compressor system solutions, Our service cover client requirement analysis, site investigation, technical solution design, and project cost analysis, non-standard solution customization, solution demonstration and promotion. we provide exclusive compressed gas solutions based on project needs.

After development for 14+years, Dream has always adhered to the enterprise spirit of "One heart One Dream, striving for excellence", constantly innovating and pursuing excellence. Dream people continue to explore and innovate to meet customer needs and provide users with better products and service. Based in China, Dream's products has exported to worldwide countries successfully, mainly market as South Asia, South East Asia, Europe, Africa, South America, North America, and CIS countries, footprints all over the world. Its excellent product performance and efficient service concept continue to create value for users.

Dream will be always your trust partner. We believe that you will experience our high-quality products and professional services, by working with us. Welcome to pursue dream and create better future with DREAM together!

DREAM CULTURE



Vision

To be a global leader in gas compression intelligent equipment and system solutions service provider



Mission

Make Industry Air More Stable, More Clean, More Efficient

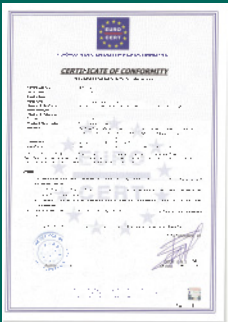
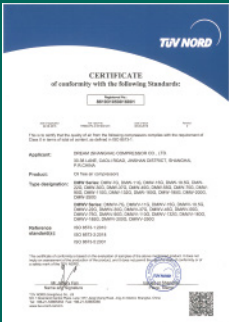
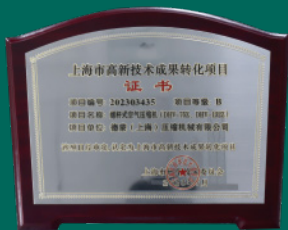
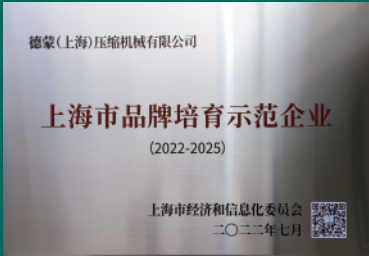


Value

One Heart. One Dream. Professional. Focus. Innovative. Win-win.

Enterprise honor

- High-tech enterprise
- Specialized in special new enterprises
- Energy-saving technology and equipment contributing enterprises
- Shanghai brand cultivation model enterprise
- CE Certificates
- EMC Certificates
- TUV Rheinland Class 0 Oil Free Certificates
- Germany TUV product safety certification
- GCCA product quality and safety certification
- ISO 9001,14001,45001



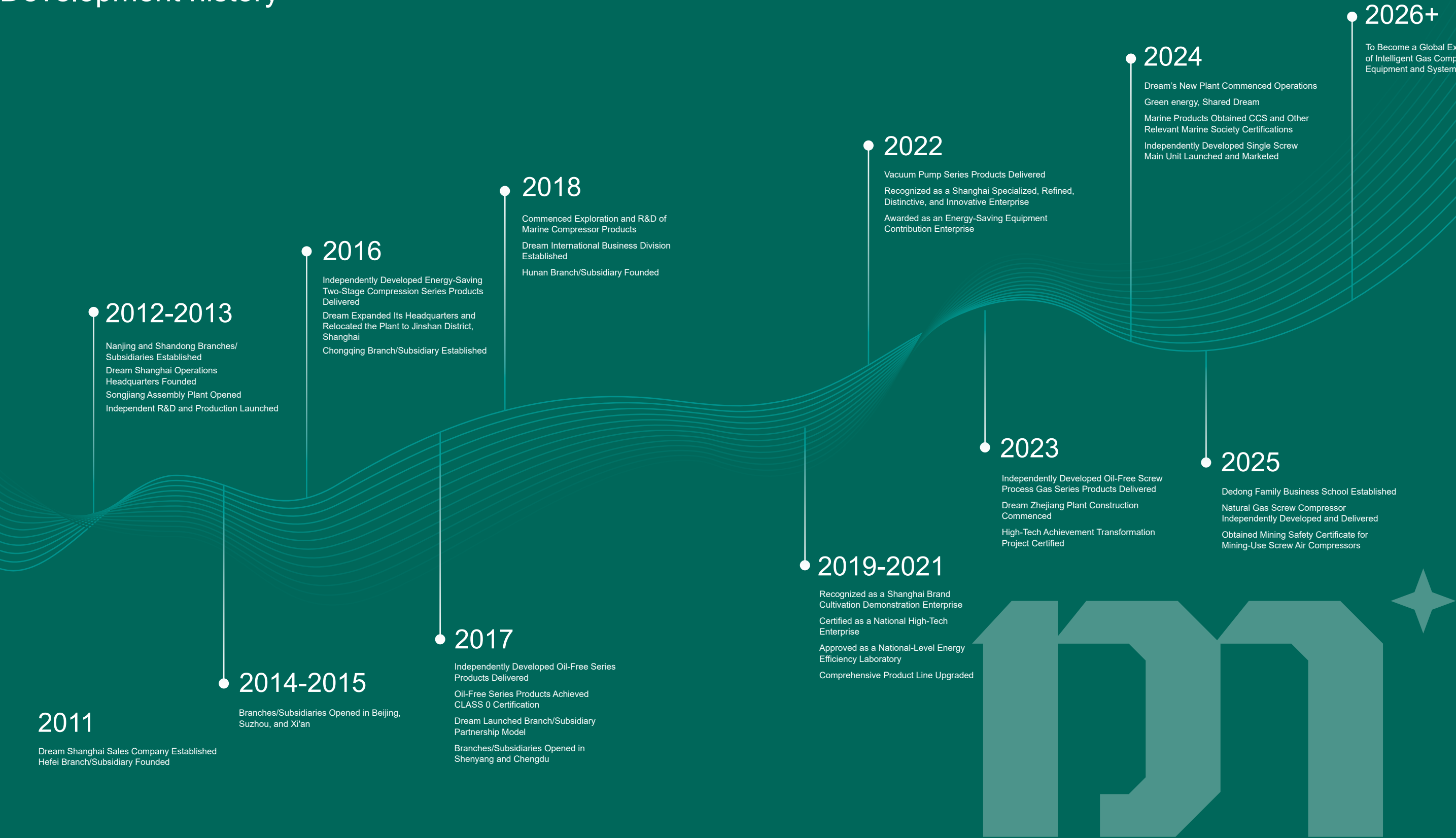
Adhering to the business philosophy of "market-oriented,customer-centric,technical support and service guarantee",Dream is committed to providing customers with high quality products and industry-leading services. With Shanghai as the center and 20 service outlets nationwide as the auxiliary,Dream covers 34 provinces and autonomous regions of China's sales and service network,dedicated to provide customers with better service.

Global service

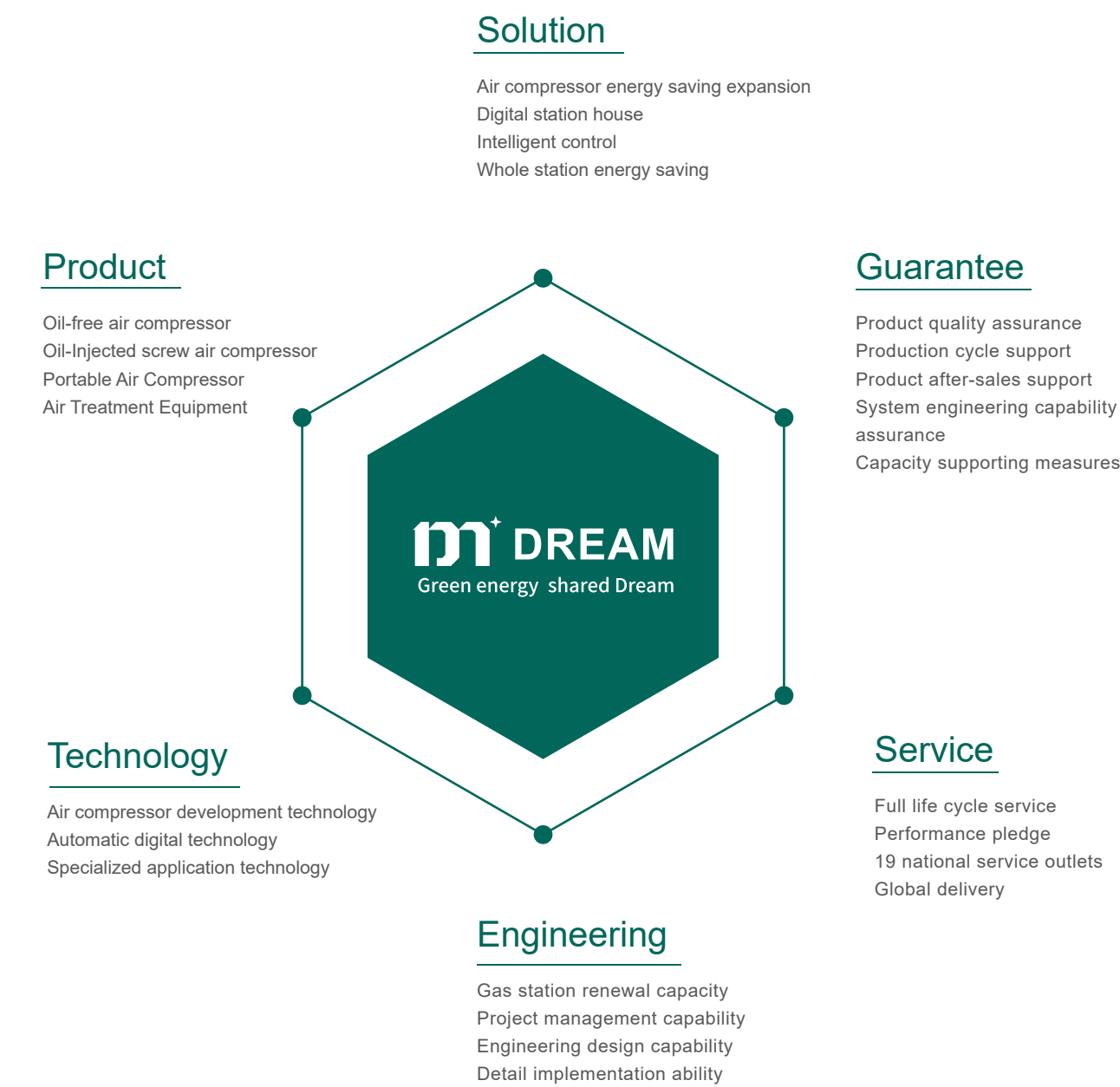
Dream is committed to providing quality products and services on a global scale,and has conducted overseas operations in many countries and regions,including Southeast Asia,Europe,and the Americas,and has established strong partnerships in overseas markets. Our overseas agents have rich experience in cross-cultural communication and international vision,and are able to better understand and meet the needs of local customers and markets. In the future,we will continue to strengthen the development of overseas business,expand more overseas markets,and let China intelligent manufacturing shine on the international stage.



Development history



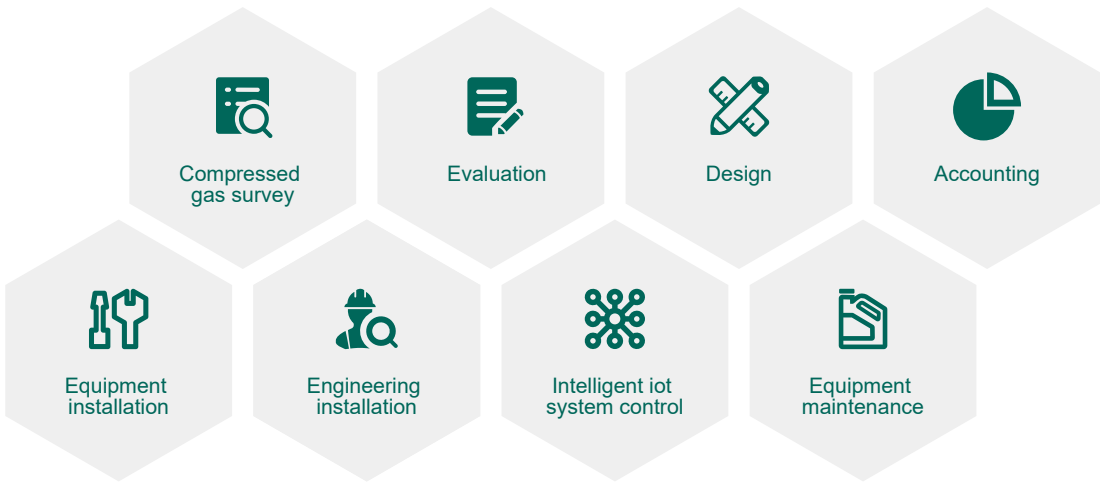
Dream Intelligent Manufacturing
Six core competencies



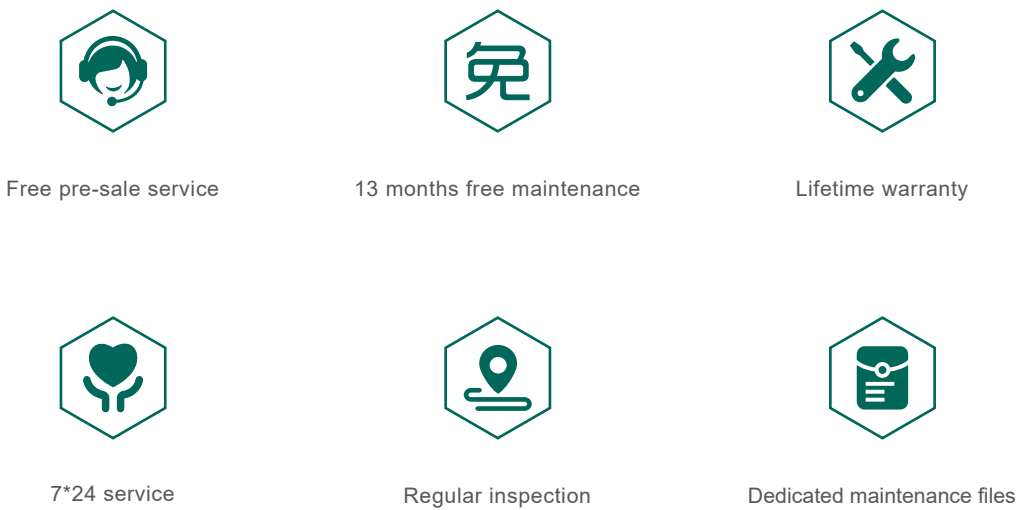
Full process cycle and service

We provide the whole process cycle service for customers to build gas stations or upgrade,covering compressed gas system research,evaluation,design,edge calculation,equipment installation,engineering installation,intelligent iot system control,equipment maintenance and so on.

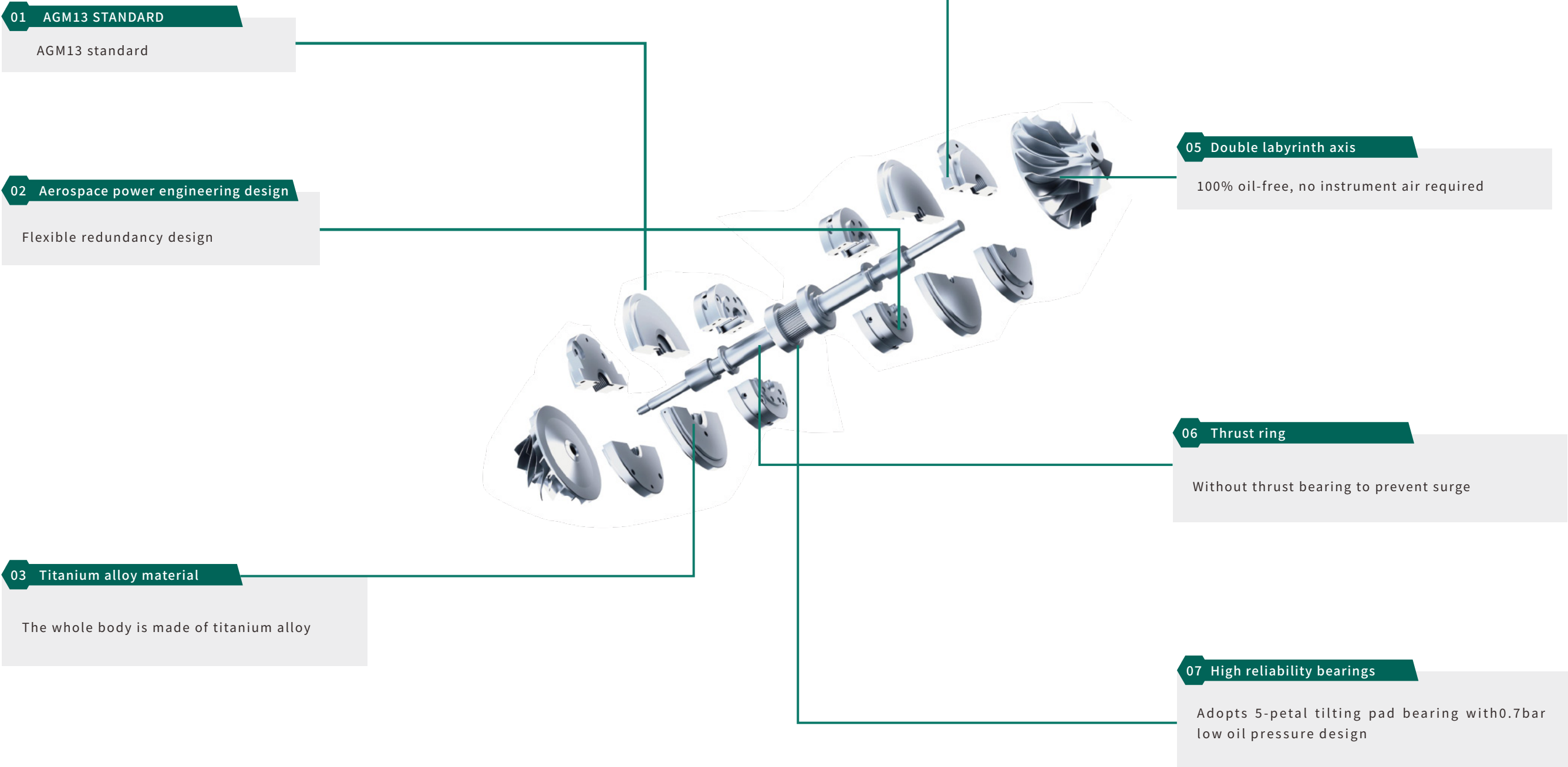
Service process



Performance pledge



Integral Centrifugal Compressor Technology



Impeller

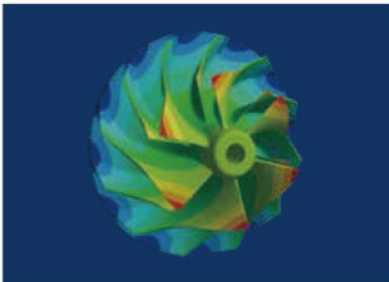


Performance Comparison of StainlessSteel and Titanium Alloys

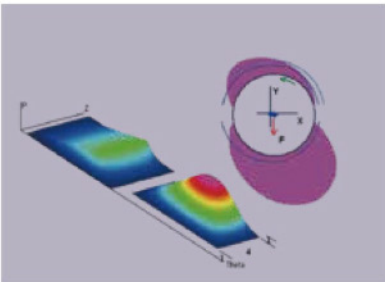
Item	Titanium Alloy	Stainless Steel
Density	4.4 g/cm3	7.8 g/cm ³
Tensile strength	161 N•m/g	109 N•m/g
Max. Linear Velocity Allowed	600m/sec	410m/sec
Anti-corrosion	Excellent	Good
Process Ability	Difficult	Easy
Abrasive Resistance	Excellent	Good



Optimal Aerodynamic Efficiency



Preventimpeller flutter and stress concentration



Most Stable and Reliable Rotor System

air end

Gear box

The bearings and seals are all horizontally split structures.The gear box cover can be lifted for maintenance,which makes equipment maintenance convenient and simple.The rotor shaft adopts a thrust ring structure,without thrust bearings,with a simple structure,high transmission efficiency and higher reliability.

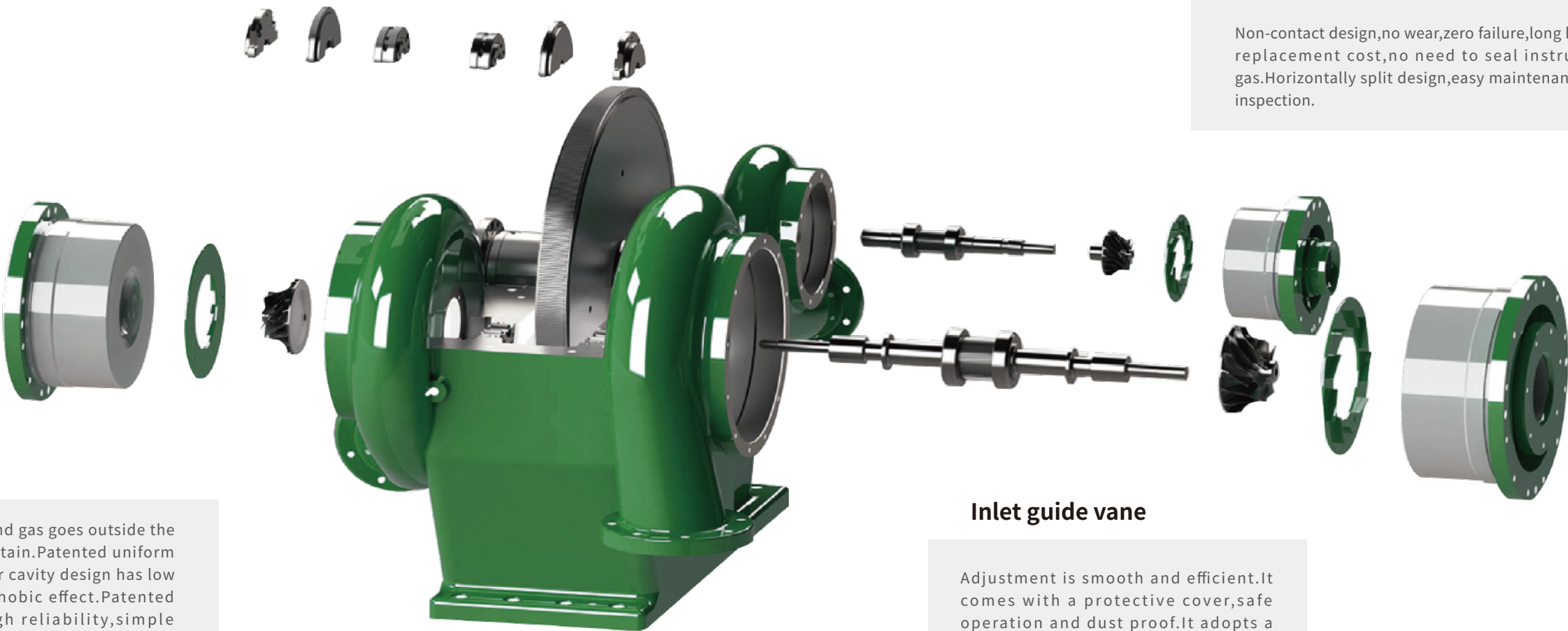


Diffuser

The diffuser converts the kinetic energy of the gas into static pressure energy.Only a diffuser designed to match the impeller can make the whole machine efficient.MA process surface treatment obtains a surface hardness of more than HV1300,which is durable and wear-resistant and corrosion-resistant,and increases the service life of the diffuser by 3 times.

Labyrinth seal

Non-contact design,no wear,zero failure,long life,low replacement cost,no need to seal instrument gas.Horizontally split design,easy maintenance and inspection.



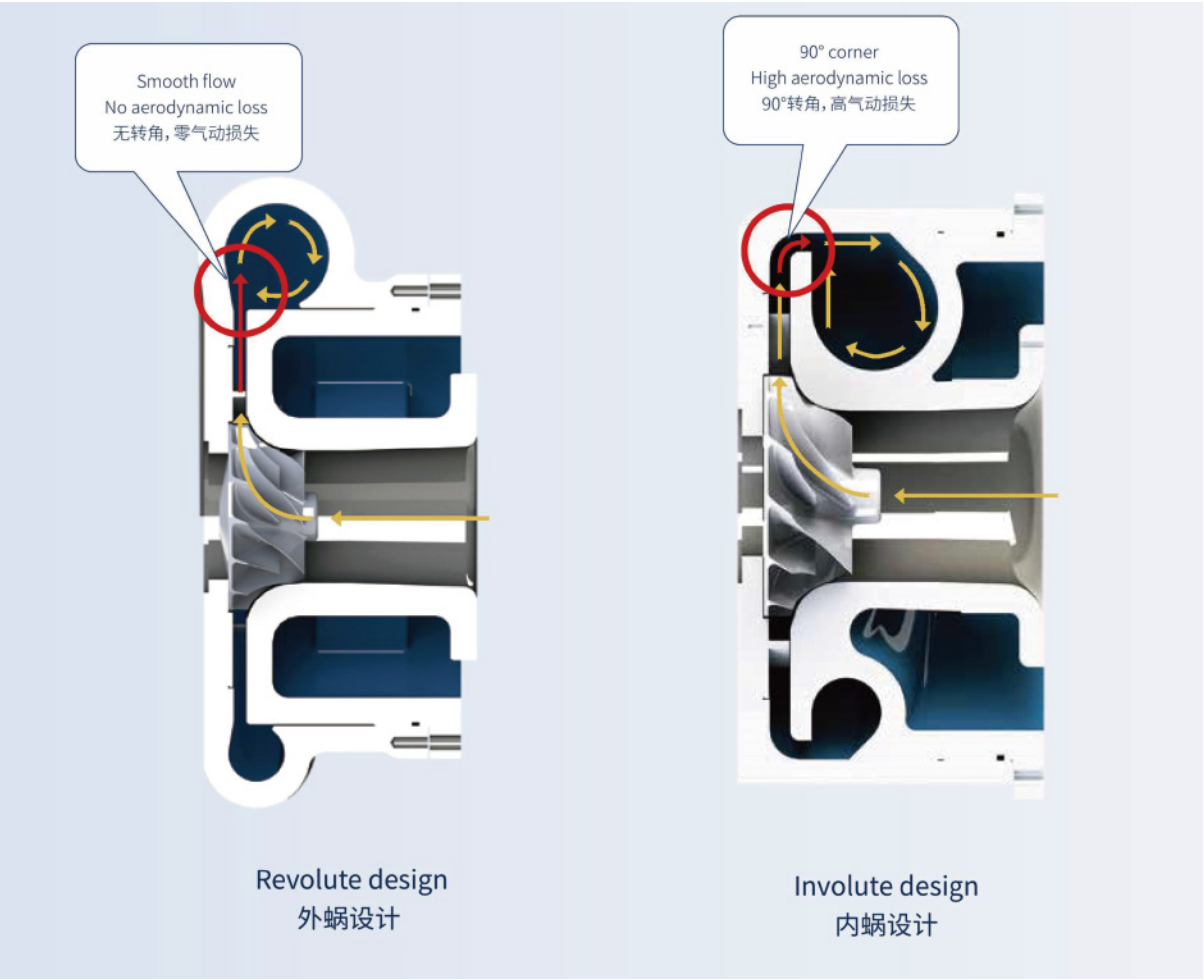
Cooler

Water goes inside the pipe and gas goes outside the pipe,easy to clean and maintain.Patented uniform variable cross-section cooler cavity design has low flow loss and good hydrophobic effect.Patented self-sealing structure,high reliability,simple maintenance.Super large design,adapt to extreme working conditions,reserved heat recovery design,improve energy comprehensive utilization efficiency.

Inlet guide vane

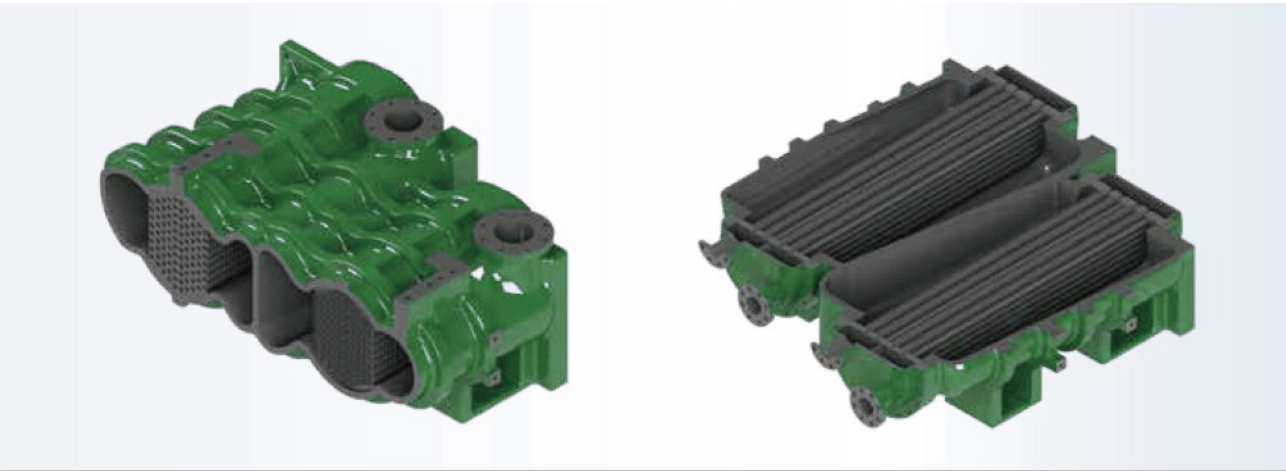
Adjustment is smooth and efficient.It comes with a protective cover,safe operation and dust proof.It adopts a plug-in structure and has high reliability

High-efficiency external vortex



The gas will enter the scroll directly for revolute type, but one vertical retrace will occur for involute type. The efficiency is increased by 2%.

High-efficiency and highly reliable cooler



High efficiency & reliability & design

High-efficiency and high-reliability design

- 1.The straight pipe design eliminates the need for core removal during maintenance, making it easy to maintain and saving 90% of the repair time
2. There are no vulnerable parts and the maintenance cost is low
3. Enlarged design, highly efficient heat exchange, low water consumption, ultra-low gas pressure loss, and 1-2% more energy-efficient than traditional structures
4. The patented variable cross-section design ensures excellent gas-liquid separation effect
5. Stainless steel support core design reduces the risk of rust
6. There are no fasteners, and the risk of dropping and damaging the impeller is 0
7. With support at both ends, the risk of resonance damage to the cooler core is 0
8. Ultra-long service life steam trap, no rust, strong water drainage, zero air loss

Patented oil-gas cooling integrated design

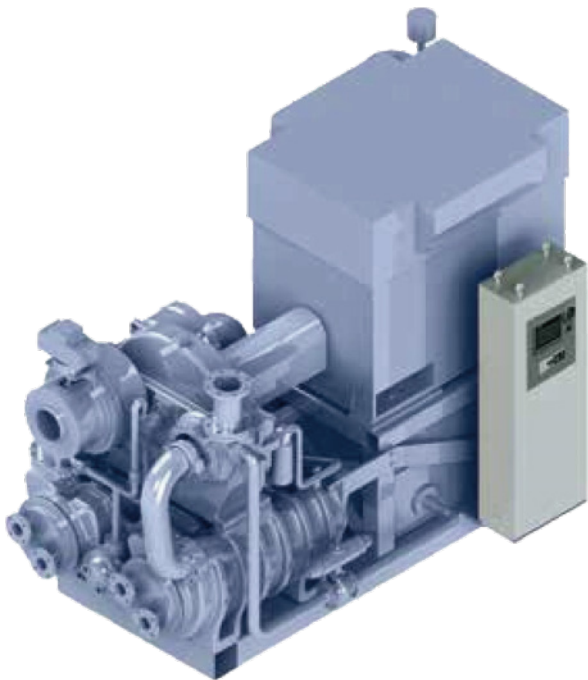
- 1.Compact structure, short pipe length, saves installation space and is easy to install
2. Isobaric water supply reduces the risk of water competition



Centrifugal compressors are leading the future market.

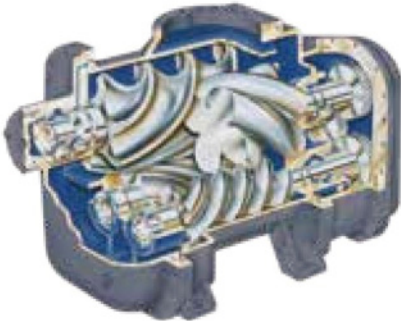
CENTRIFUGAL COMPRESSOR

Medium to large capacity above 30m³, medium to low and high pressure



SCREW COMPRESSOR

Small capacity below 40m³, medium and low pressure

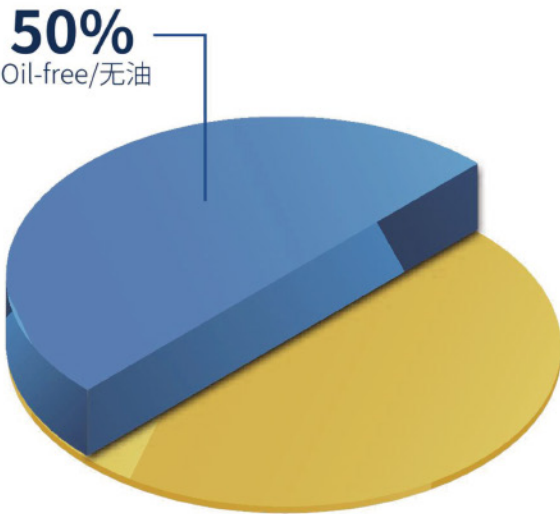


CPISTON COMPRESSOR

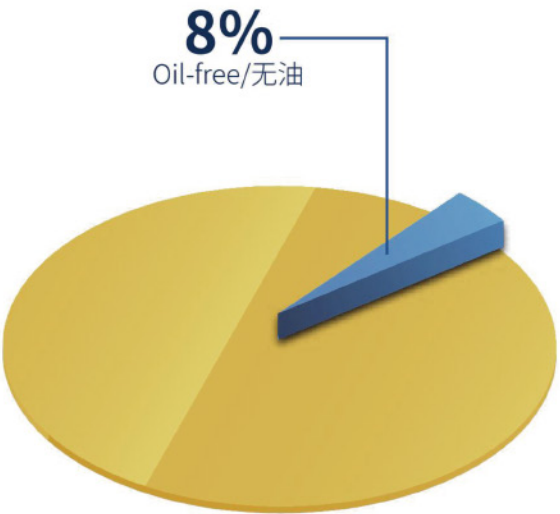
High pressure special gas



Oil-free compressor usage ratio in the market



Developed countries



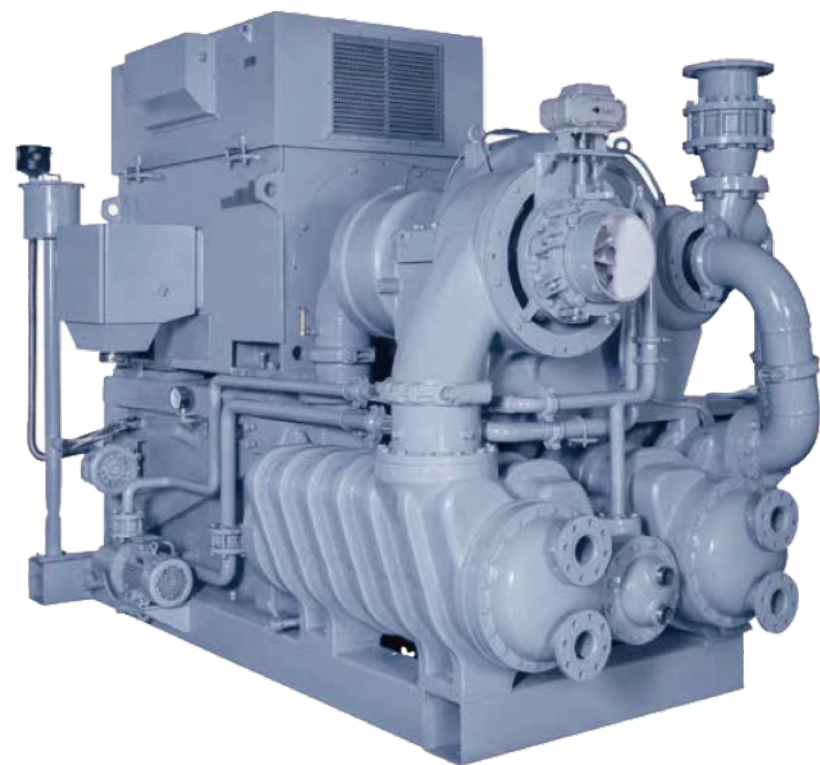
Developing countries

RISK OF OIL-INJECTED COMPRESSED AIR

- 40m/min
- Unhealthy to staffs
- Environmental pollution
- High energy consumption
- Low quality products
- Short life of air system equipment
- Short life of production line equipment
- High maintenance cost

Complete Solutions

- High reliability, high safety and protection
- Energy saving
- Integrated package and economical installation
- Siemens PLC+ touch screen, friendly interface and easy operation
- Easy maintenance and economical cost
- 4-stage option
- No instrument gas required
- No special base and anchor bolts required
- Oil-free
- Silicon-free
- No sealing gas required
- Low noise and low vibration
- Anti surge protection



Dream Full Range of Centrifugal Compressors



DMAH-G Series	
Capacity Range:	25-100m3/min
Discharge pressure:	0.8-11bar(g)
Main Motor Power:	100-600KW
Main Motor Voltage:	10kV/50Hz
Ph Base Size:	3400mm×2200mm
Weight:	7000Kg-8000Kg



DMSH-G Series	
Capacity Range:	100-240m3/min
Discharge pressure:	0.8-16bar(g)
Main Motor Power:	300-1350KW
Main Motor Voltage:	10kV/50Hz
Ph Base Size:	4000mm×2300mm
Weight:	9000Kg-11000Kg



DMTH-G Series	
Capacity Range:	200-400m3/min
Discharge pressure:	0.8-11bar(g)
Main Motor Power:	600-2000KW
Main Motor Voltage:	10kV/50Hz
Ph Base Size:	5000mm×2300mm
Weight:	16000Kg-20000Kg



DMLH-G Series	
Capacity Range:	400-1500m3/min
Discharge pressure:	0.8-25bar(g)
Main Motor Power:	1500-6000KW
Main Motor Voltage:	10kV/50Hz
Ph Base Size:	12000mm×6500mm
Weight:	20000Kg-70000Kg

Energy Conservation

Air compressors are the "electric tigers" in industrial electricity consumption,with an average power consumption of 20%. We have made a series of efforts and research on how to use the same electricity to create more air to help users save energy,and have made important breakthroughs. The permanent magnet variable frequency screw machine developed by the company can save users about 25-35% of electricity while ensuring the original work efficiency.



intelligent control



Rust proof shell



Efficient and energy-saving



Constant current and stable voltage



Easy to use and worry free

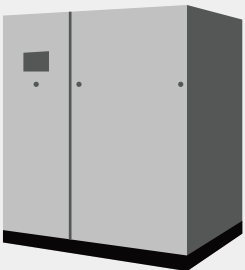
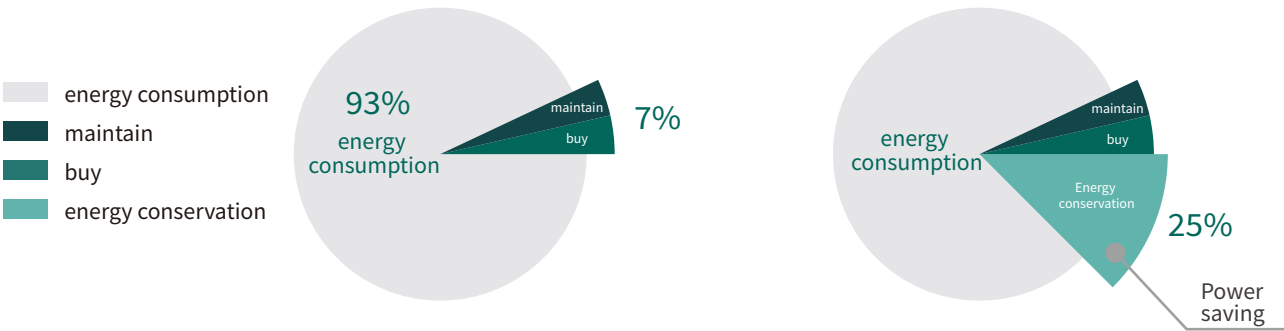


reduce the noise

Energy saving and cost reduction

When purchasing an air compressor,the traditional cost (i.e. purchase cost+maintenance cost) only accounts for 7% of the total cost,while energy consumption accounts for 93%. The two-stage compression direct connection/permanent magnet screw air compressor saves 25-30% energy compared to ordinary (power frequency) air compressors.

— aking 75KW as an example



Ordinary (power frequency) air compressor



Dream air compressor



Desmond 75KW air compressor
It saves about 25% of electricity a year