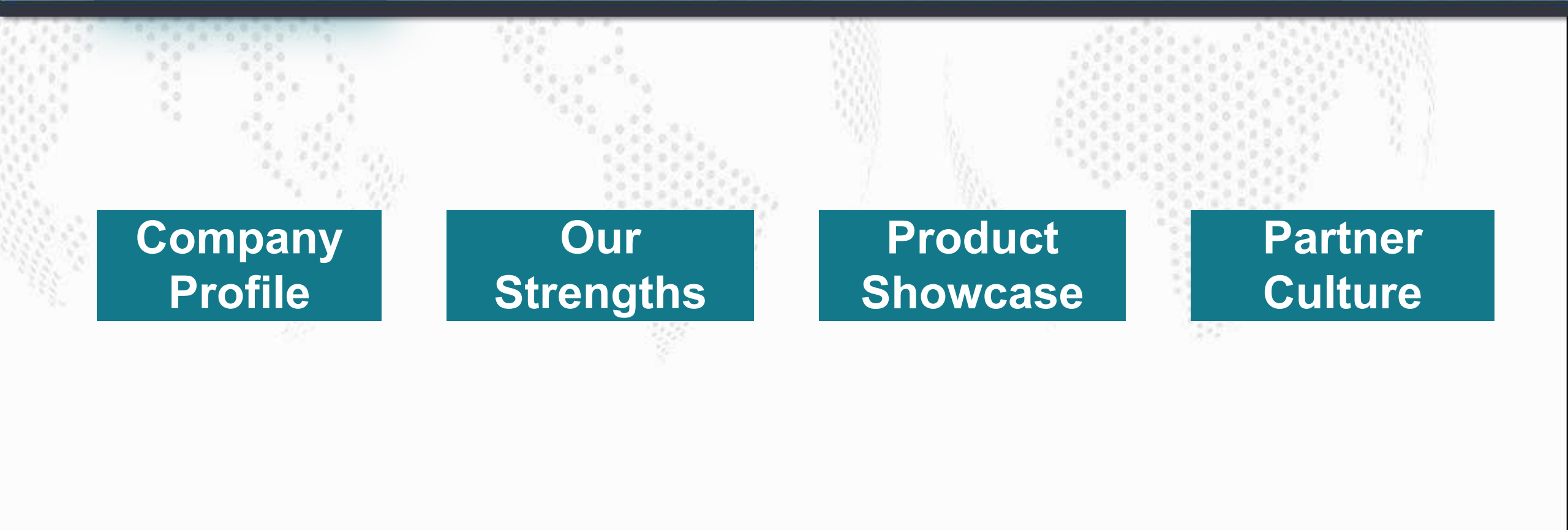




Nanjing Soliner Hydraulic Technology.,Co.Ltd



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PART
01

Company Profile



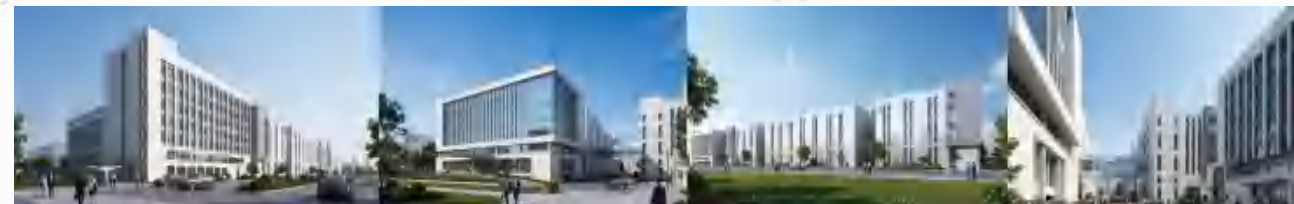
COMPANY INTRODUCTION

Since 2003

Nanjing Soliner Hydraulic Technology Co., Ltd. was established in 2003. Dedicated to the fluid industry, we provide customers with design, development, and manufacturing of comprehensive solutions, including full-series filters (filter elements, hydraulic accessories), wind power lubrication (lubrication systems, water cooling systems, offline fine filtration, online oil condition monitoring systems), hydraulic components (threaded cartridge valves & valve blocks, gerotor motors, gear pumps), and sensor microsystems.

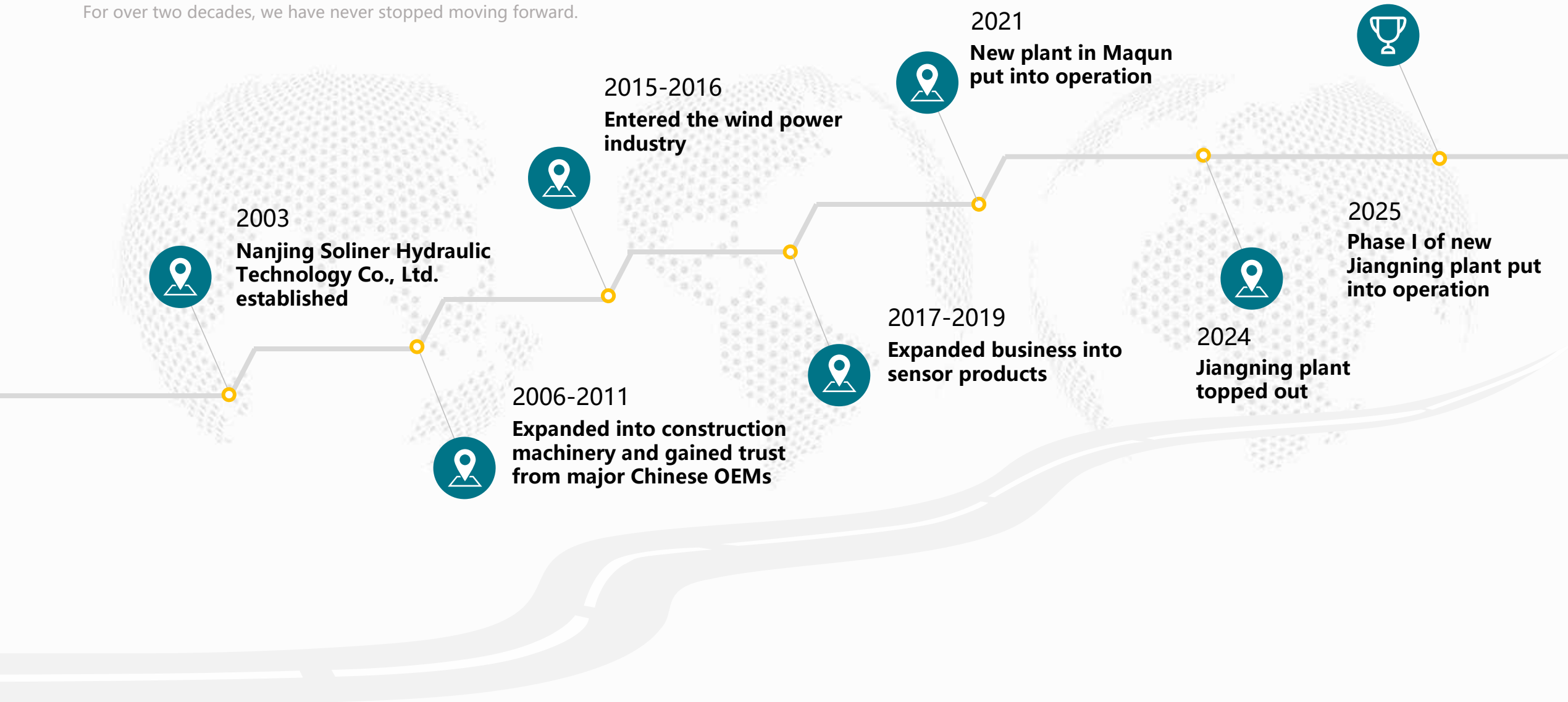
Nanjing Soliner – New Plant, Jiangjun Avenue, Jiangning Development Zone

Hase I: ~52,000 m² ; Total site: 120,000 m².



Development History

For over two decades, we have never stopped moving forward.



Honors

"National Little Giant Enterprise Specializing in Sophisticated, Unique and New Products", "Nanjing Cultivated Unicorn Enterprise", "Member of the Association of Equipment Manufacturers (AEM)", "Member of the China Construction Machinery Industry Association (CCMIA)", "High-tech Enterprise", "Jiangsu Provincial Engineering Technology Research Center", "Member of the China Hydraulic Pneumatic & Sealing Association", and "Nanjing Gazelle Enterprise".

At the same time, we place great emphasis on talent cultivation and recruitment, having established school-enterprise partnerships with multiple universities to broaden employment channels for graduates and support the growth of emerging young talent for the nation.



Certifications

We have been granted over 100 national patents,

31 invention patents

62 utility model patents

31 design patents

19 patent publications

Multiple products have been recognized as "Jiangsu High-tech Products" and have obtained patent authorizations in Germany and the United States. A number of products have also passed CE certification.



Performance

Soliner Specs & Models	OEM Clients	Shipment Summary
FD2250MG	MINGYANG2.0MW	389
FDRH2101	SANY3.6MW	359
FDRH2110	Windey3.6MW	422
FDRH2202	SANY6.25MW	392
FDRH2204	Goldwind4.5MW	1291
FDRH2306	SANY6.25MW	424
FDRH2308	MINGYANG6.25 Optimized Model	514
FDRH2309	MINGYANG5MW New Version	360
FDRH2414	Windey5.5MW (B)	525
FDRH2419	DEC Wind6.7 Large Blades	412

PART
02

OUR STRENGTHS



Production Center

Soliner is equipped with a wide range of professional intelligent production equipment, including the Yamazaki Mazak flexible production line, CNC flexible production line, Peter-Wolters internal cavity grinding machines, heavy-duty grinders, and double-sided grinders from Germany, Rabofsky filter element production lines from Germany, Takahashi hard turning machines from Japan, Sunnen honing machines from the United States, and intelligent automated warehouse systems.

Yamazaki Mazak



CNC Flexible Production Line



DOOSAN Machining Center



"Smart Manufacturing Enterprise" New Plant

Phase I production site covers an area of 120,000 square meters, comprising a machining workshop, a temperature-controlled solenoid valve workshop, a temperature-controlled honing workshop, a sheet metal workshop, a filter element workshop, a hydraulic assembly workshop, and more.





Integrated intelligent equipment from leading domestic and international brands to build a cutting-edge production line
Product reliability reached industry-leading levels with steadily increasing yield rates
Production cycle times significantly optimized, achieving substantial improvements in delivery capacity



Wind Power Performance Testing



Walk-in Temperature & Humidity Test Chamber



Wind Power Assembly

Temperature-Controlled Measurement Center

Soliner has a total of 3,200 m² of various laboratories, including specialized labs for wind power lubrication system comprehensive performance testing, mechanical testing, filtration technology, cooler heat exchange performance testing, structural comprehensive performance testing, and a measurement center, among others.



ZEISS Coordinate Measuring Machine from Germany



Mahr Cylindricity Measuring Instrument from Germany



Mahr Contour Measuring System from Germany

WMS

1,200 m² Automated Three-Dimensional Warehouse

6,500 pallet positions

Maximized Space, Doubled Efficiency,
Zero Inventory Blind Spots, Flexible
Scalability.



PART
03

PRODUCT SHOWCASE



Soliner Hydraulic Core Products

Full-series filters (filter elements, hydraulic accessories), wind power lubrication (lubrication systems, water cooling systems, offline fine filtration, online oil condition monitoring systems), hydraulic components (threaded cartridge valves & valve blocks, gerotor motors, gear pumps), and sensor microsystems.

Hydraulic Filtration Technology



Wind Power Gearbox Lubrication and Cooling Technology



Sensor Technology



Hydraulic Control Technology



Wind Turbine Lubrication System

1. New installation market (for 4MW and above wind turbines) 2. Repair and technical retrofit market (primarily focusing on 750kW to 3MW wind turbines) 3. Operation and maintenance market (wind power filter elements, gearbox O&M, etc.)



Well-known Special Motor



Use Imported Filter Material With High Dirt Holding Capacity, which Is Twice Over The General Imported Filter Material. the Filtration Efficiency Is Higher, Pressure Drop Is Lower And Lifetime Is Longer.



Gear Pump



Stable Transmission System
Procurement From International Well-known Company
With Reliable And Excellent Performance



Pressure Sensor Imported From Germany



Cooler
Mechanical Improvement On Wind Scooper And Additional
Diverison Devices Lead To Higher Heat Dissipation Efficiency.

Wind Power Lubrication System



01

Applicable Models: 1.5MW

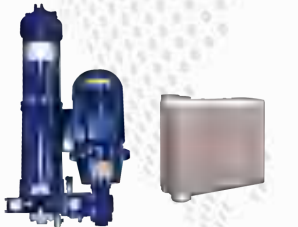
Product Profile: Filtration Units (motor-pump sets & filters) and Air Coolers



02

Applicable Models: 2-2.5MW

Product Profile: Filtration Units (motor-pump sets & filters) and Air Coolers



03

Applicable Models: 3.XMW

Product Profile: Filtration Units (motor-pump sets & filters) and Oil-Water Coolers



04

Applicable Models: 4.XMW

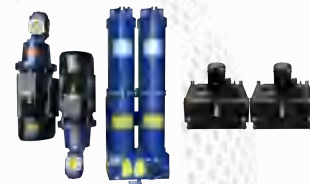
Product Profile: Filtration Units (motor-pump sets & filters) and Dual Air Coolers (w/ mounting brackets)



05

Applicable Models: 5.XMW

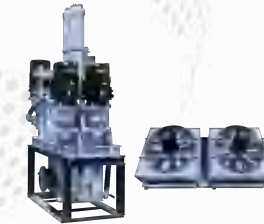
Product Profile: Motor-Pump Units, Twin Filters, and Oil-Water Coolers



06

Applicable Models: 6.XMW

Product Profile: Dual Motor-Pump Sets, Dual Filters, and Dual Air Coolers



07

Applicable Models: 7-10MW

Product Profile: Independent Oil Tank, Triple Motor-Pump Sets, Dual Filters, and Dual Air Coolers



08

Applicable Models: 9-10MW

Product Profile: Dual Motor-Pump Sets, Dual Filters, and Oil-Water Cooler

Wind Lubrication, Water Cooling & Offline Fine Filtration Systems



Offline Fine Filtration System

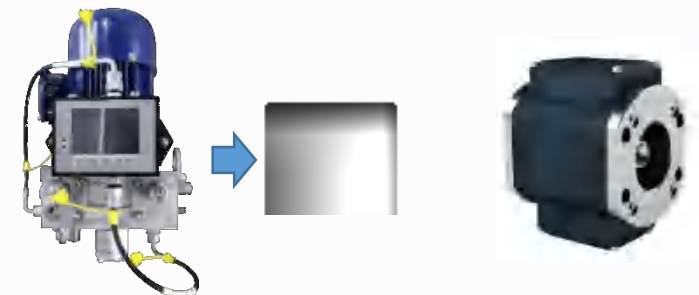


Oil Fine Filtration Monitoring System: Offline Fine Filtration + Contamination Monitoring Model: OFS-27/27A

The filter element of the offline fine filtration system has a filtration rating of 3 μm . The oil contamination detection range is 1 to 100 μm , with outputs in accordance with ISO 4406, GB/T 14039, NAS 1638, and other standards.

Oil Fine Filtration Monitoring System: Offline Fine Filtration + Contamination and Moisture Monitoring Model: OFS-27/27B

The filter element of the offline fine filtration system has a filtration rating of 3 μm . The monitoring system is capable of measuring oil contamination levels and moisture content. The contamination detection range is 1 to 100 μm , with outputs in accordance with ISO 4406, GB/T 14039, NAS 1638, and other standards. The water activity measurement range is 0 to 1 aw, and the water content measurement range is 0 to 1,000 ppm.



Offline Fine Filtration System



Oil Fine Filtration Monitoring System: Offline Fine Filtration + Contamination Monitoring

Model: OFS-27/27A

Filtration accuracy: 3 μm (filter element of the offline fine filtration system)

Contamination detection range: 1 – 100 μm ; Output standards: ISO 4406, GB/T 14039, NAS 1638, and more

Oil Fine Filtration Monitoring System: Offline Fine Filtration + Contamination and Moisture Monitoring

Model: OFS-27/27B

Filtration accuracy: 3 μm (offline fine filtration system); Contamination detection range: 1 – 100 μm ; Output standards: ISO 4406, GB/T 14039, NAS 1638, and more; Water activity range: 0 – 1 aw; Water content range: 0 – 1,000 ppm

Circulation Pump + Contamination Monitor

Model: SQJ-01

Rated operating pressure: 50 bar

Contamination detection range: 1 – 100 μm

Output standards: ISO 4406, GB/T 14039, NAS 1638, and more



Wind Power Cooling System

Frequency Converter Water Cooling System

01

Applicable Models: 3-7MW

Product Profile: Water Cooling Pump Station (including water pump sets, thermostatic valve, and expansion tank) and Air Cooler



Converter Water Cooling System

02

Applicable Models: 5-10MW

Product Profile: Water Cooling Pump Station (including water pump set, three-way actuator, and dual expansion tanks) and Air Cooler



Wind Power Hydraulic System



Gear Pumps & Gerotor Pumps

SGP SERIES OIL TRANSFER GEAR PUMP

SGP系列 输油齿轮泵

型号 model: SGP05R02A156D15
排量 displacement: 2.5mL/r
额定压力 rated Pressure: 25 Bar
最高压力 maximum Pressure: 40 Bar
流量 flow Rate: 1450rpm-114L/min 1750rpm-138L/min
最大转速 maximum Rotational Speed: 3000rpm
重量 weight: 4.46 kg



SGP SERIES OIL TRANSFER GEAR PUMP

SGP系列 输油齿轮泵

型号 model: SGP08R02A197
排量 displacement: 80mL/r
额定压力 rated Pressure: 25 Bar
最高压力 maximum Pressure: 40 Bar
流量 flow Rate: 1450rpm-114L/min 1750rpm-138L/min
最大转速 maximum Rotational Speed: 3000rpm
重量 weight: 10.7 kg



SGP SERIES OIL TRANSFER GEAR PUMP

SGP系列 输油齿轮泵

型号 model: SGP12R02A197
排量 displacement: 122mL/r
额定压力 rated Pressure: 25 Bar
最高压力 maximum Pressure: 40 Bar
流量 flow Rate: 1450rpm-158L/min 1750rpm-196L/min
最大转速 maximum Rotational Speed: 3000rpm
重量 weight: 16.36 kg



SGP SERIES OIL TRANSFER GEAR PUMP

SGP系列 输油齿轮泵

型号 model: SGP15R02A197
排量 displacement: 150mL/r
额定压力 rated Pressure: 25 Bar
最高压力 maximum Pressure: 40 Bar
流量 flow Rate: 1450rpm-210L/min 1750rpm-262L/min
最大转速 maximum Rotational Speed: 3000rpm
重量 weight: 21.09 kg



SGP SERIES OIL TRANSFER GEAR PUMP

SGP系列 输油齿轮泵

型号 model: SGP18R02A197
排量 displacement: 180mL/r
额定压力 rated Pressure: 25 Bar
最高压力 maximum Pressure: 40 Bar
流量 flow Rate: 1450rpm-264L/min 1750rpm-328L/min
最大转速 maximum Rotational Speed: 3000rpm
重量 weight: 25.5 kg



STP SERIES BIDIRECTIONAL OIL - TRANSFER CYCLOIDAL PUMP

STP系列 双向输油摆线泵

型号 model: STP0802A197
排量 displacement: 75mL/r
额定压力 rated Pressure: 10 Bar
最高压力 maximum Pressure: 20 Bar
流量 flow Rate: 1450rpm-114L/min 1750rpm-138L/min
最大转速 maximum Rotational Speed: 3000rpm
重量 weight: 3.09 kg

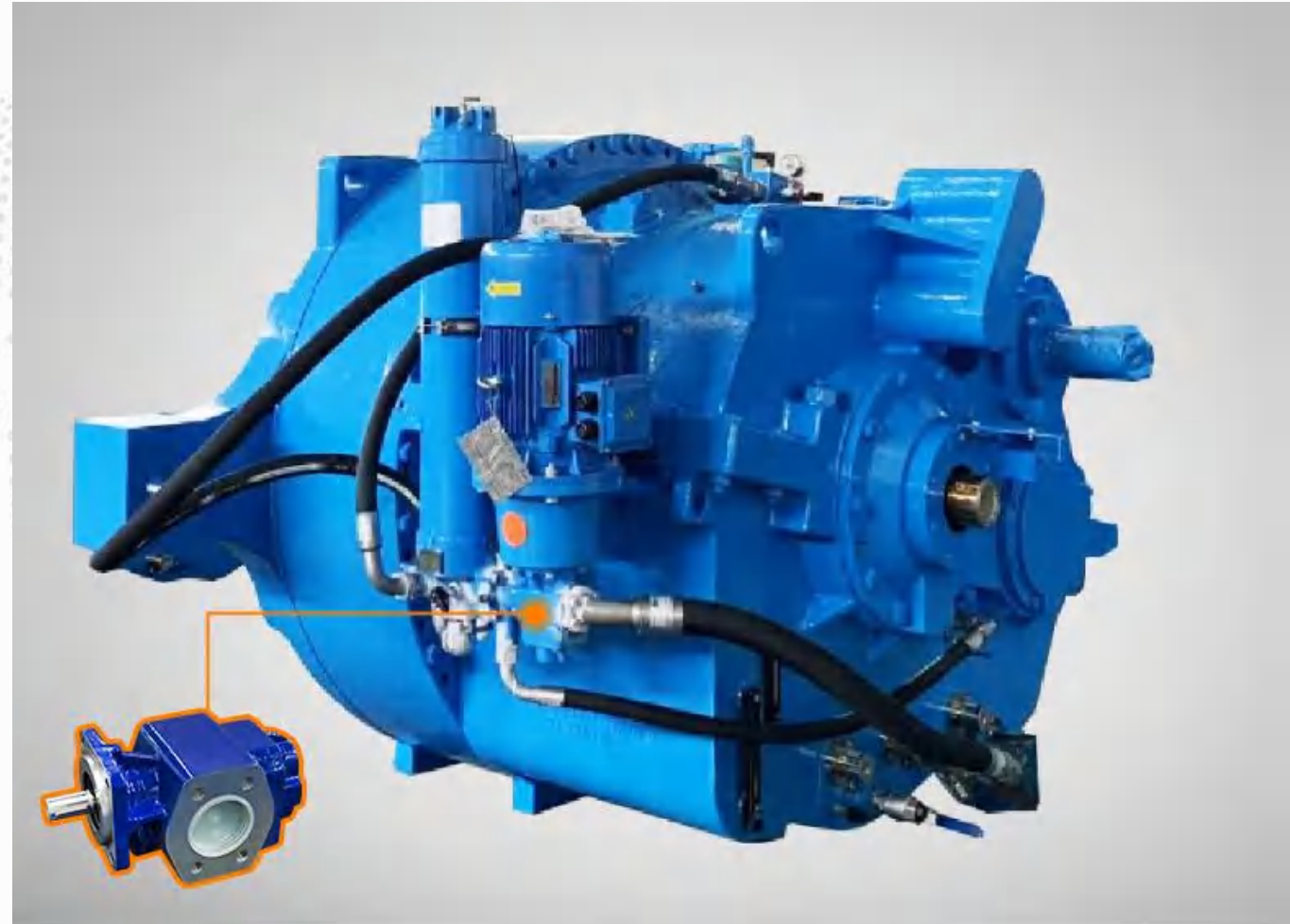


Gear Pump (Wind Power)

Used in lubrication, hydraulic, process and test bench applications, as well as fuel and metering equipment.

Wind Power Main Gearbox – Filtration, Cooling & Lubrication Systems

- Pump and motor system with filtration unit and additional features
- Complete filtration + cooling system
- In-line filter + thermostatic valve + back pressure valve



Wind Power Aftermarket Spare Parts List

Spare Parts List: Wind Gearbox Lube System Filter Elements, Air Breather Filters & HPU Filter Elements



serial number	product name	model (original)	company's filter element model
1	Filter Element	1300R010BN4HC/-B4-KE50	FDEH-1300R10/50W15M
2	Filter Element	2600R10BN4HC/-B4-KE50	FDEH-2600R10/50W20M
3	Filter Element	HC8300FKS30H-YC11	FDEP-0900R10/50W15M
4	Filter Element	HC8300FKS39H-YC11	FDEP-1200R10/50W20M
5	Filter Element	01NR.1000.32227.10VG25G.25.BV.-S1	FDEI-0600R10/25W15M
6	Filter Element	01NR.1000.32227.10VG25G.25.B.V-S1 +01.NR.1000.6VG10.B.V-	FDEI-1500R10/25W20M
7	Filter Element	EET002-10F10W25B	FDEC-0800R10/25W15MB
8	Filter Element	EET001-10F07W25B	FDEC-1500R10/25W20M-M
9	Filter Element	EET983-10F07W25B	FDEC-1200R10/50W20MB
10	Filter Element	ALX-RC-01	FDEA-0800R10/25W15M
11	Filter Element	TLJ0030F010N	SF-TLJ0030F010N
12	Filter Element	FDES-3000R10/50W40MB	FDES-3000R10/50W40MB
13	Filter Element	FDEC-1600R10/50W40MB	FDEC-1600R10/50W40MB
14	Filter Element	FDEC-1500R10/50W20M	FDEC-1500R10/50W20M
15	Filter Element	G01369Q	SF-PK0001Y
16	Filter Element	/	FDEH-2200R10/25W20M
17	Air Humidity Filter	DC-4	DAF-RDC-4
18	Air Humidity Filter	DC-3	DAF-RDC-3
19	Air Humidity Filter	SDBL096	DAF-RSD-96
20	Air Humidity Filter	BDH-400	DAF-RHD-400
21	Air Humidity Filter	SDBL096	DAB-90-150
22	Air Humidity Filter	SDBL121	DAB-120-255
23	offline fine filter element	B 27/27	G 27/27

Wind Power Aftermarket Spare Parts List



serial number	spare part name	spare part manufacturer	remarks
1	Lubrication system filter element	Soliner	Soliner
2	Hydraulic Station Filter	Soliner	Soliner
3	Humid Air Filter	Soliner	Soliner
4	Thermostat Valve	Soliner	Imported from Germany
5	Rubber cube set	Soliner	Soliner
6	Gear Pump	Soliner	Kracht' Rickmeier
7	Radiator assy (core)	Soliner	OEM
8	Pressure Sensor	Soliner	Imported from Germany
9	Temperature Sensor	Soliner	Imported from Germany
10	Integrated Valve group	Soliner	Soliner
11	Pressure Differential Transmitter	Soliner	Soliner
12	Piezometric tube	Soliner	Soliner
13	Pressure Gauge	Soliner	WIKA
14	Coupling	Soliner	KTR,REIJAY

Production Site



Customer Installation Site



Service Capabilities



PART
04

PARTNER & CULTURE SHOWCASE



University-Industry Collaboration



Customers





Responsibility、Persistence、Dream

THANK YOU
