OPCON Advanced Screw Expansion Technology & Natural Refrigerant Heat Pump Technology

OPCON Powerbox-ORC Integrated Power Station

Single unit capacity: 150～1600kW

OPCON Powerbox-WST Integrated Power Station

Single unit capacity: 150～3000kW

The residual heat or waste pressure under the following conditions can be renewable power generation, can also replace the temperature reduction and pressure reduction device.

Hot water: ＞55 ℃

Flue gas: ＞250 ℃

Waste pressure: input pressure within 35bar (a)

Steam: dry and wet saturated steam

CO_2 Heat Pump (Hot Water Unit)

Heating capacity: 35.6~180kW

Ambient temperature: -35~43 ℃

Water outlet temperature: 55~90 ℃

CO_2 Heat Pump (Heating Unit)

Heating capacity: 47~119kW

Ambient temperature : -45~43℃

Water outlet temperature: 35~80℃

Ammonia High Temperature Heat Pump Package

Heating capacity : 480~6400kW

Water outlet temperature: 30 ~ 90 ℃

Oversea Service Network:

Four Manufacturing Base

Five R&D Center

Sixty+ Exporting Countries

Fifty+ Sales Center

Snowman's Sub-brands and Cooperating Partners

Snowkey

World Leader of Ice Making Machines

SRM TEC

The Inventor And Leader of Screw Compressors In The World

RefComp

World-class Screw and Piston Compressor Brand

OPCON

Advanced screw expansion technology
Natural refrigerant heat pump technology

SNOWMAN

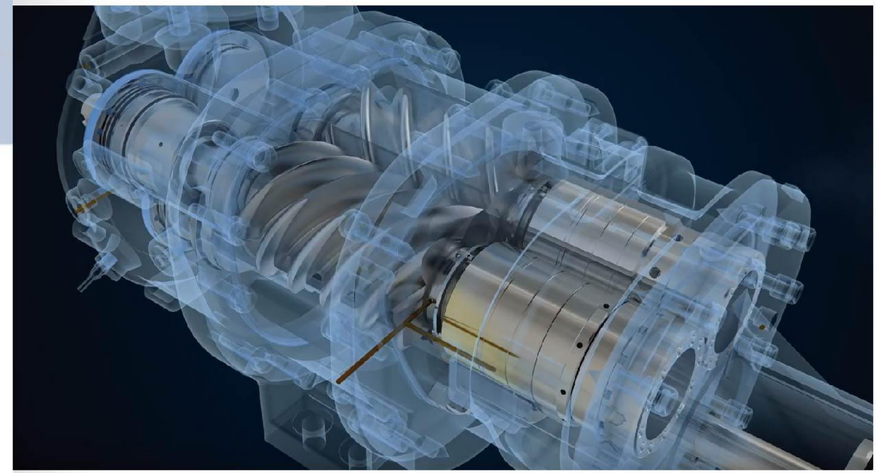
Fuel cell air supply system
Fuel cell module, hydrogen pump

佳运油气 Jade Oil and Gas

Oil and gas digitization and natural gas purification
Natural gas liquefaction business

雪人股份 SNOWMAN GROUP

Global Leader in Thermal Energy and New Energy Equipment Manufacturing Industry



雪人股份 SNOWMAN GROUP

Fujian Snowman Co., Ltd.

Address: West Dongjiang Road, Minjiangkou Industrial Zone of Fuzhou, Fujian, China

Tel: +86-591-2870 1111 Fax: +86-591-2870 9222

Http: //www.snowman.cn E-mail: sales@snowman.cn

SRMTEC The inventor and leader of Screw Compressor technology in the world

SRM 100 years

1908 The founder of SRM invented the world's first Dual- rotor Turbine, and, from then on, started the prelude of becoming a leader in creativity and innovation.

1934 SRM developed the world's first Screw Compressor, and began to provide technical solutions for Screw Compressor users around the world. Nowadays, 90% of the world's Screw Compressor use SRM's patented technology.

1946 SRM company of Sweden licensed British Howden company to use its compressor technology. Howden company became the first Screw Compressor manufacturer. Then SRM company licensed many other companies in Europe, America and Japan to use this technology.

1957

1961 SRM of Sweden successfully developed oil injected Air Screw Compressors.

1994 SRM of Sweden invented the bilateral asymmetric lines and successfully developed oil injection Screw Refrigeration Compressor & Screw Process Compressor.

2000 SRM of Sweden successfully developed Natural Gas Screw Compressor. Its exhaust pressure was up to 80 bar, and the rotor used new materials & new water lubrication system.

2010 SRM of Sweden successfully developed the world's first Oil-free Screw Refrigeration Compressor.
SRM of Sweden cooperated with Snowman, They worked together to develop the new generation of Screw Refrigeration Compressor.

2013 Snowman invested in SRM's parent company (OPCON AB Sweden) and became the second largest shareholder.

2015 Snowman acquired OPCON's two core business, which were its 2 sub companies, SRM & OES, and their 100% stocks.

Screw Compressor And Unit Products

SRM series open single screw compressor

Cooling Capacity: 60.2～2573.3kW (NH₃ -35/35℃)
Exhaust volume:265～10000m³/h (50/60Hz)

SRS Series Semi-closed Single Double Stage Screw Compressor

Cooling Capacity: 32～315kW (NH₃ -35/35℃)
Exhaust volume:141～1270m³/h (@50Hz)

SCM Series Magnetic Suspension Centrifugal Compressor

Rated cooling capacity: 221 ~ 2110kW (R134a)
Input power: 37.5 ~ 319kW

SCG Series Gear Increase Centrifugal Compressor

Cooling capacity:2286~4748kW (R134a)
Rated suction capacity:2771~6173m³/h

SRM Series Single Screw Compressor Unit

CW Series Screw Brine Unit

CO_2 Subcritical Screw Compressor Unit

RefComp Famous Commercial Refrigeration Compressor brand from Italy

Screw Compressor (central AC products)

SRC-S series (For R22, R407C, R290 refrigerant etc, displacement @ 50 Hz: 118-1100 m³/h)

SS5 series (For **R134a，R22，R404A**refrigerant etc, displacement @ 50 Hz: **140-1150m³/h**）

World's first: specially designed for R134a models
134 -S fixed frequency series
(displacement @ 50 Hz, 270-1100 m³ / h)

World's first integrated variable frequency Screw Refrigeration Compressor
134-I built-in variable frequency series
(displacement @ 70 Hz, 378-1540 m³ / h)

Screw Compressor (frozen product)

SW3 series (displacement @ 50 hz, 118-700 m³ / h)
SW5L series (displacement @ 50 hz, 85-500 m³ / h)

Piston Compressor and Units Product

SP piston compressor piston machine (displacement @ 50 hz: 17.5-222 m³/h)
SBC two stage piston compressor (displacement @ 50 hz: 27.6-51.5 m³/h)
SPS CO2 subcritical compressor (displacement @ 50 hz: 1.5-48.5 m³/h)
SPT CO2 transcrtical compressor (displacement @ 50 hz: 4.4-38.2 m³/h)
SPM piston compressor on board (displacement @50Hz:64.7-154.4m³/h)
AP and WP series single piston condensing unit (3HP-50HP)

Commercial Compression Units Series

CO_2 Piston Compression unit
Parallel Screw Compression unit
Parallel Piston Compression unit

Snowkey World leaders in ice making machines

Flake ice machine

Tube ice machine

Direct-cooling block ice machine

Plate ice machine

Slurry ice machine

Containerized block ice machine

Full Automatic Ice Making System Diagram