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Description:

Summary

Turbo Expander is a machine, which continuously converts kinetic energy into mechanical energy. This is done by expanding the high pressure gas from upstream to a lower pressure downstream through the Expander. The high pressure gas causes the radial Expander to rotate. Rotation is transmitted to the shaft, which is supported by a set of bearings. The power transmitted to the shaft can be used to drive a compressor, drive an electrical generator or can be dissipated through an oil brake or air brake. Turbo Expander is also referred to as a turbo-Expander or an expansion turbine, is a centrifugal or axial flow turbine through which a high pressure gas is expanded to produce work that is often used to drive a compressor.

Turbo Expander market research report provides the newest industry data and industry future trends, allowing you to identify the products and end users driving Revenue growth and profitability.

The industry report lists the leading competitors and provides the insights strategic industry Analysis of the key factors influencing the market.

The report includes the forecasts, Analysis and discussion of important industry trends, market size, market share estimates and profiles of the leading industry Players.

The market is expected to expand at 7.34% CAGR over the period between 2018 and 2023.

Global Turbo Expander Market: Product Segment Analysis

Gas bearing turbo Expander

Oil bearing turbo Expander

Magnetic bearing turbo Expander

others

Global Turbo Expander Market: Application Segment Analysis

Air Separation

Gas liquefaction

Power generation

Energy Recovery

Cryogenic Application

others

Global Turbo Expander Market: Regional Segment Analysis

USA

Europe

Japan

China

India

South East Asia

The Players mentioned in our report

Atlas Copco

GE oil&gas

Air Products and Chemicals, Inc.

ACD

Turbogaz

RMG

L.A. Turbine

MES

Samsung

Cryostar

SHAANXI BLOWER GROUP

Sichuan Air Separation Group

KFAS

Hangyang Group

Haerbin Beifang Equipment

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