

Global Air Separation Unit (ASU) Competitive Landscape Professional Research Report 2025

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Abstracts

Market Overview

According to DIResearch's in-depth investigation and research, the global Air Separation Unit (ASU) market size will reach Million USD in 2025 and is projected to reach Million USD by 2032, with a CAGR of % (2025-2032). Notably, the China Air Separation Unit (ASU) market has changed rapidly in the past few years. By 2025, China's market size is expected to be Million USD, representing approximately % of the global market share.

Research Summary

An Air Separation Unit (ASU) is a facility that separates atmospheric air into its primary components, typically nitrogen, oxygen, and sometimes argon. This is done through a process called cryogenic distillation, which utilizes the differences in boiling points of each gas to separate them. ASUs are commonly used in a variety of industrial applications, including chemical production, steel manufacturing, and medical gas production. They are also utilized in the production of liquefied natural gas (LNG) and other cryogenic liquids.

The major global manufacturers of Air Separation Unit (ASU) include Linde, Air Liquide, Praxair, Air Products, Messer, Taiyo Nippon Sanso, Cryogenmash JSC, Universal Industrial Gases, Technex Limited, Enerflex, NOVAIR, Gas Engineering, CRYOTEC Anlagenbau, SS Gas Lab Asia, CRIOMECH S.A, BOSCHI UNIVERSAL, AMCS, Ranch, Hangyang group, CNASPC, HNEC, Sichuan Air Separation, etc. The global players competition landscape in this report is divided into three tiers. The first tier comprises global leading enterprises that command a substantial market share, hold a dominant

industry position, possess strong competitiveness and influence, and generate significant revenue. The second tier includes companies with a notable market presence and reputation; these firms actively follow industry leaders in product, service, or technological innovation and maintain a moderate revenue scale. The third tier consists of smaller companies with limited market share and lower brand recognition, primarily focused on local markets and generating comparatively lower revenue.

This report studies the market size, price trends and future development prospects of Air Separation Unit (ASU). Focus on analysing the market share, product portfolio, prices, sales, revenue and gross profit margin of global major manufacturers, as well as the market status and trends of different product types and applications in the global Air Separation Unit (ASU) market. The report data covers historical data from 2020 to 2024, based year in 2025 and forecast data from 2026 to 2032.

The regions and countries in the report include North America, Europe, China, APAC (excl. China), Latin America and Middle East and Africa, covering the Air Separation Unit (ASU) market conditions and future development trends of key regions and countries, combined with industry-related policies and the latest technological developments, analyze the development characteristics of Air Separation Unit (ASU) industries in various regions and countries, help companies understand the development characteristics of each region, help companies formulate business strategies, and achieve the ultimate goal of the company's global development strategy.

The data sources of this report mainly include the National Bureau of Statistics, customs databases, industry associations, corporate financial reports, third-party databases, etc. Among them, macroeconomic data mainly comes from the National Bureau of Statistics, International Economic Research Organization; industry statistical data mainly come from industry associations; company data mainly comes from interviews, public information collection, third-party reliable databases, and price data mainly comes from various markets monitoring database.

Global Key Manufacturers of Air Separation Unit (ASU) Include:

Linde

Air Liquide

Praxair

Air Products

Messer

Taiyo Nippon Sanso

Cryogenmash JSC

Universal Industrial Gases

Technex Limited

Enerflex

NOVAIR

Gas Engineering

CRYOTEC Anlagenbau

SS Gas Lab Asia

CRIO MEC S.A

BOSCHI UNIVERSAL

AMCS

Ranch

Hangyang group

CNASPC

HNEC

Sichuan Air Separation

Air Separation Unit (ASU) Product Segment Include:

Nitrogen Oxide

Xenon

Krypton

Oxygen

Argon

Others

Air Separation Unit (ASU) Product Application Include:

Oil & Gas Industry

Steel Industry

Chemical Industry

Food & Beverage Industry

Health Care Industry

Others

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Chapter 1: Product Research Range, Product Types and Applications, Market Overview, Market Situation and Trends

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