

CCUS

Technology brief

Anton has carbon dioxide recovery technology that combines adsorption and liquefaction purification technology. The entire system adopts DCS control, which fully adapts to the fluctuation of carbon dioxide content in industrial exhaust gas. At the same time, it improves recovery rate, more energy saving, and more reliable and stable operation of the device. After cooling capacity recovery and decompression treatment, it returns to the carbon dioxide enrichment process, and the recovery purity can reach up to 99.995%.

Technical characteristics

1. Various recovery technologies such as chemical method and pressure swing adsorption can meet the recovery capacity of different scales;
2. DCS intelligent control system;
3. Customized electronic-grade, food-grade, and industrial-grade carbon dioxide recovery solutions with different purity to ensure the recovery rate;
4. More than ten years of CCS construction experience, providing integrated engineering and technical services;

Technical advantages

1. Possess an experienced geological research team and engineering technical team;
2. Recycling raw gas saves energy consumption by 20% under the same gas composition and flow rate

