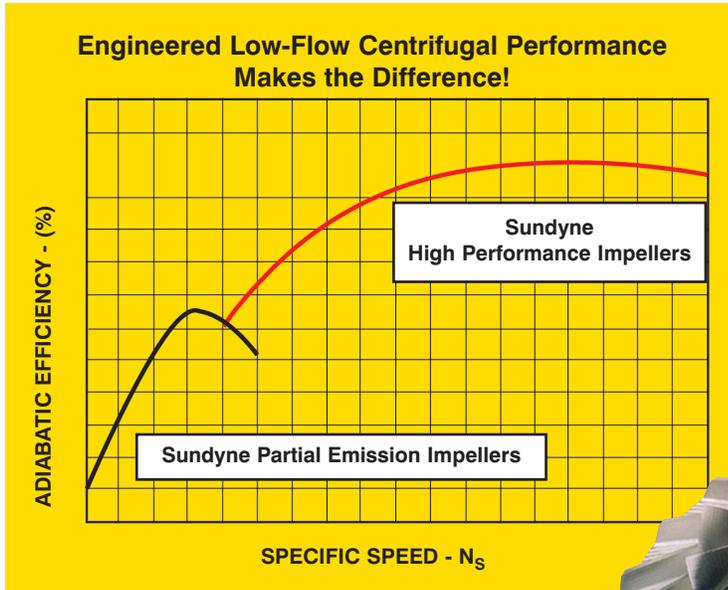


# SUNDYNE®

## Process Gas Compressor Overview



# High Performance Impeller Designs



## Efficiencies Over 75%

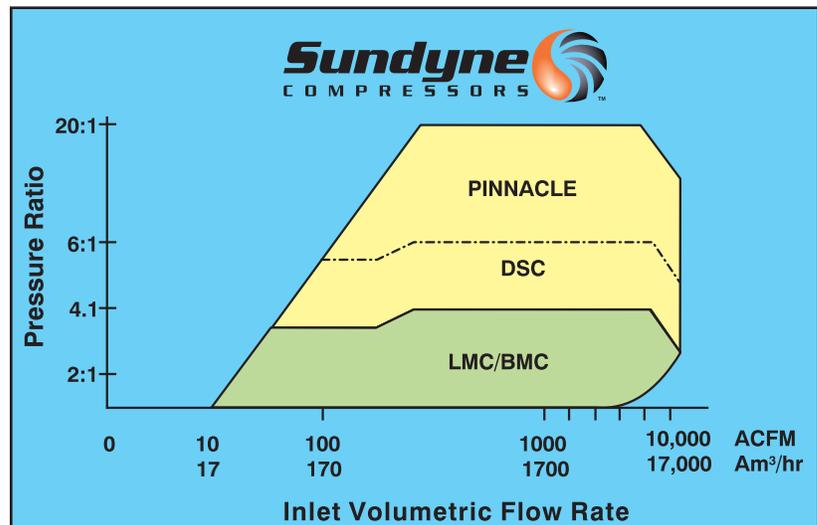
- Computational Fluid Dynamic Modeling
- Five Axis Machining
- Flows from 20,000 to 50 ACFM
- Integrally Geared, High Speed Expertise
- 17-4 PHSS, Titanium, Hastelloy



# Performance Range

## Process Gas Applications

- Corrosive Gases
- Polypropylene
- Regeneration
- Recycle
- Vapor Recovery
- Fuel Gas
- LNG
- Ethylene
- Acetic Acid
- Acetylene
- Hydrogen
- Atomizing Air
- Chlorine
- Gas Boost

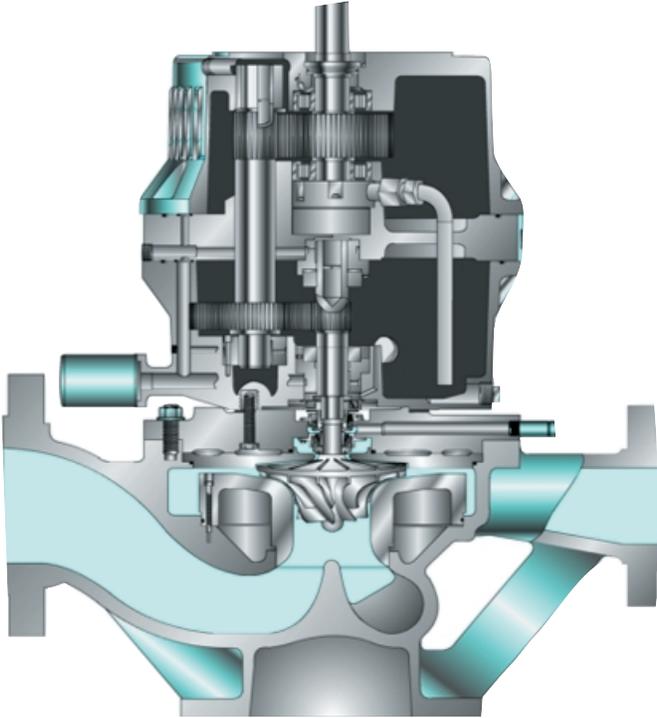


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# Sundyne LMC/BMC & DSC/DPC Series

## Sundyne DSC/DPC Double Ended Line

- Series and Parallel Configurations
- Pressure Ratios 8:1
- Flows to 6,000 ACFM/10,000 m<sup>3</sup>/hr
- Horsepower to 800/600 kW
- High Speed Integrally Geared Technology



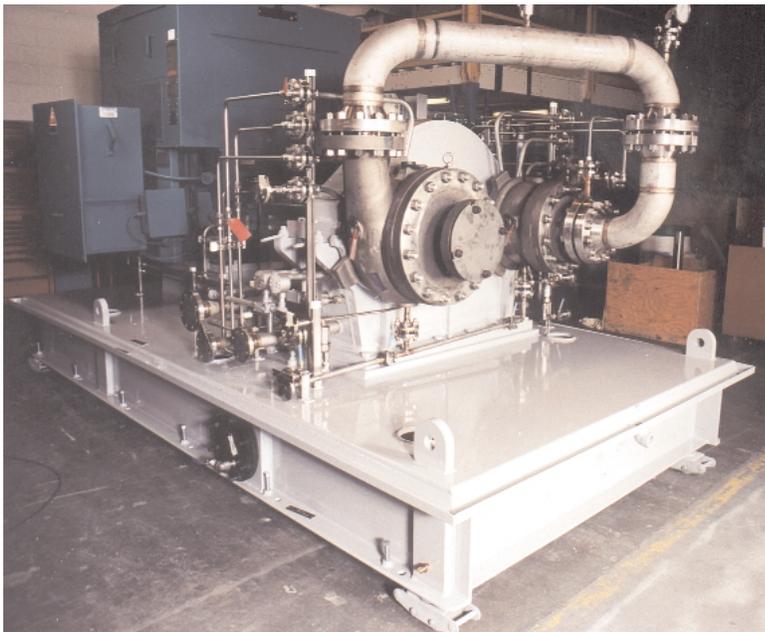
## Sundyne LMC/BMC Line

- Enhanced Gearbox for Low Vibration and Noise
- Upgraded Bearings, Oil Filter & Lube System
- Optimized Speed to Maximize Efficiency
- Smaller Foundation Requirements
- Minimum 100,000 hr L<sub>10</sub> Life
- Flow Rates from 50 ACFM/85m<sup>3</sup>/hr



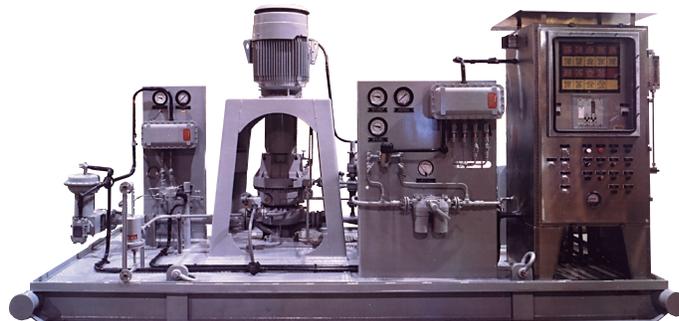
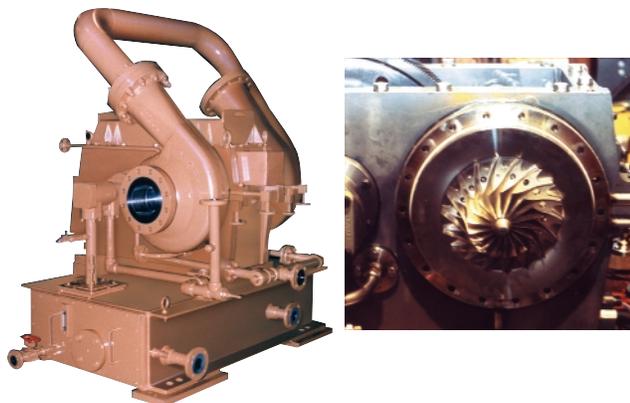
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# Sundyne Multi-stage Series



- Pressure Ratios 20:1
- Flows to 10,000 ACFM/17,000 m<sup>3</sup>/hr
- Horsepower to 4000/2983 kW
- API Compliance Available
- Multiple-Stage Design Flexibility
- High Suction Pressure Capabilities
- Low-Flow Centrifugal Performance
- Accessible and Compact Designs

# Options & Packaging



Sundyne Compressors has over 30 years of experience in process gas applications. We specialize in low-flow, high-speed, integrally geared technology, which overlaps many positive displacement designs. The Sundyne advantage over reciprocating and rotary screw type compressors include the following:

- Lower capital cost requirements
- Reduced foundation and installation costs
- Improved aerodynamic efficiency
- High performance impeller designs
- Smoother pulsation free flow
- Individual stage speed and control

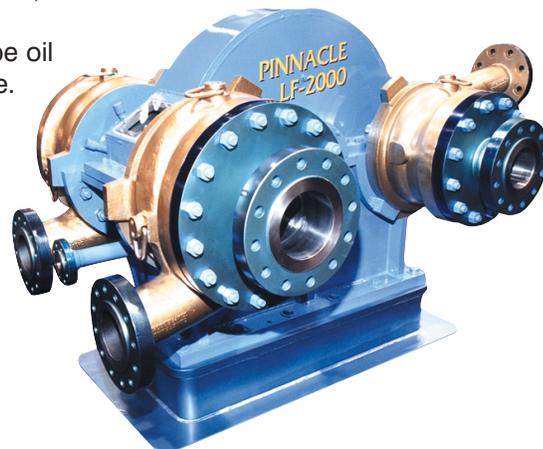
We have worldwide manufacturing and local sales and service networks available 24 hours a day, 7 days a week to provide the highest level of customer support. Make your next gas compressor purchase a Sundyne Compressor -- **THE Low-Flow Centrifugal.**

## API-614 and 617 Compliance

Sundyne offers standard packaging or packaging suited to API-614 and API-617 compliance.

Sundyne meets API specifications:

- API-614 compliance is achieved with either separate or integral lube oil systems.
- API-617 compliance meets the intent of the critical specification components including instrumentation, testing, analysis, low vibration gearbox, and increased lube oil system scope.



[www.sundyne.com](http://www.sundyne.com)

Manufacturers representatives, service centers and direct offices are located throughout the world. For a complete list, visit our website.



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