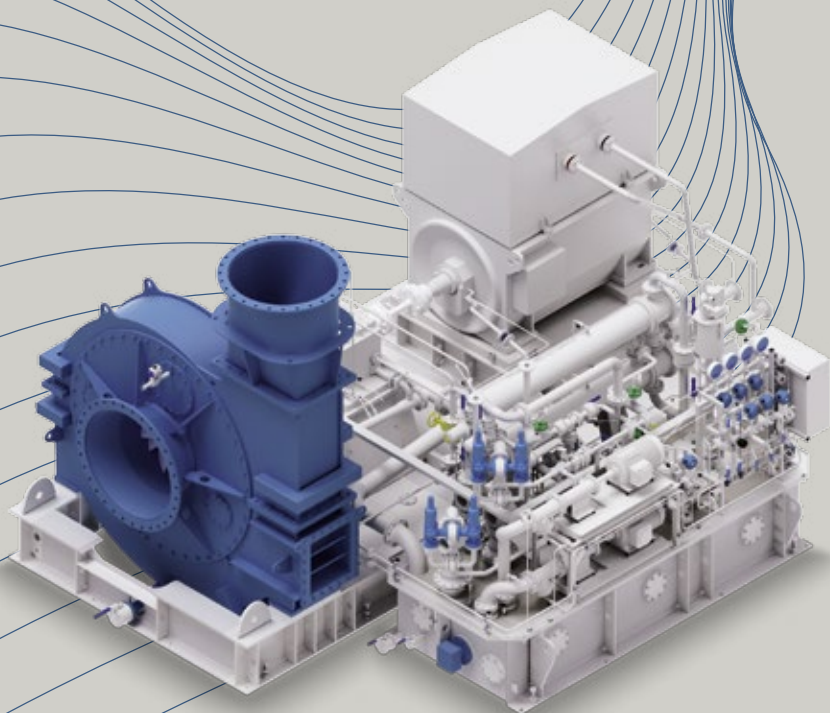


F1 / F3 Series

SULCO SULCO PSC

Special Blowers and Compressors
for Sulphur Industry



Your requirements – our solutions

SULCO and SULCO PSC for the sulphur industry

As a global market leader FIMA is an innovation and growth oriented company. We are characterized by high flexibility and certified quality of our products.

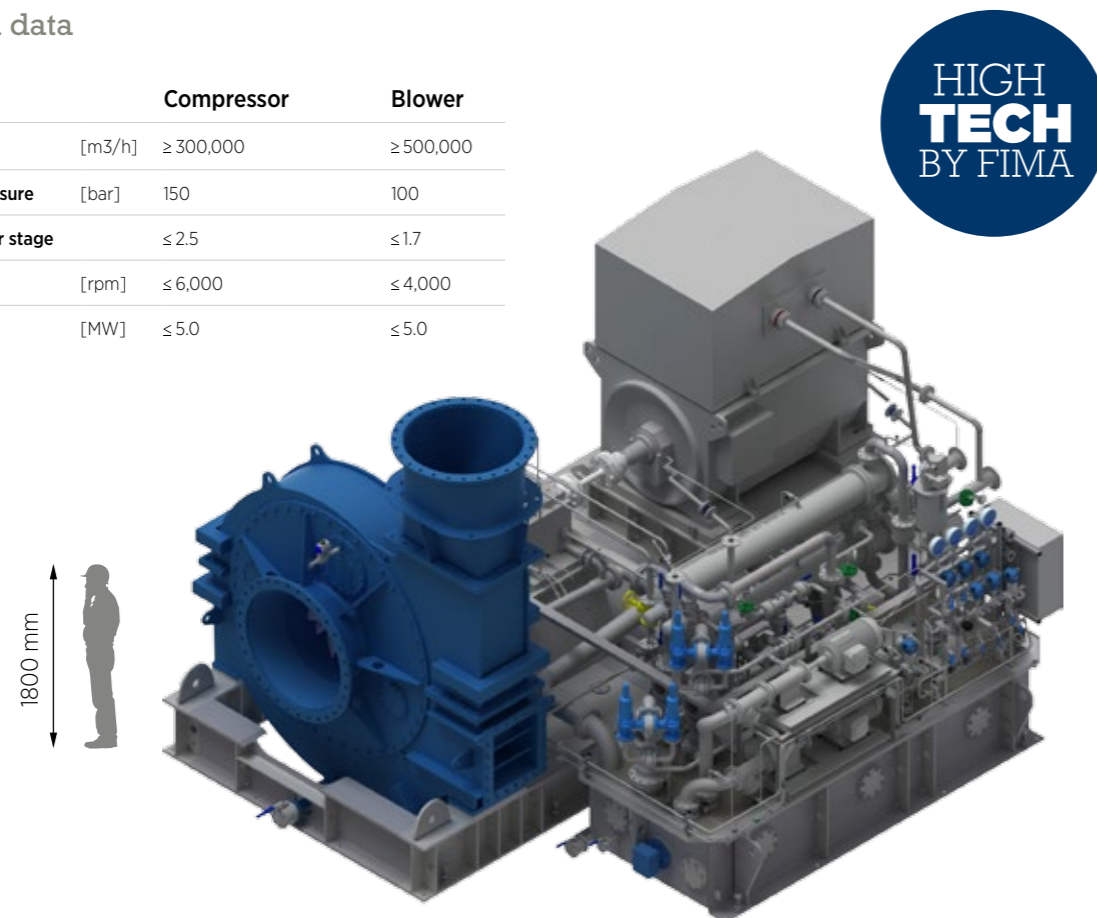
Our blowers are put to use in Sulphuric Acid Plants, Sulphur Burning, Spent Acid Regeneration, Metallurgical and many other applications in the sulphur industry.

When producing sulfuric acid, your process system and machinery is exposed to highly acidic substances. Especially this fact is taken into account in our state-of-the-art blower designs. Our Main Blowers and Combustion Air Fans guarantee highest level of safety, availability, reliability and robustness.

Full certification and conformity with the latest environmental constraints enable eco-friendly operation and facilitate permission by local authorities.

Technical data

		Compressor	Blower
Flow rate	[m ³ /h]	≥ 300,000	≥ 500,000
Max. system pressure	[bar]	150	100
Pressure ratio per stage		≤ 2.5	≤ 1.7
Rotation speed	[rpm]	≤ 6,000	≤ 4,000
Drive power	[MW]	≤ 5.0	≤ 5.0



Benefits at a glance

Flexibility acc. to your needs

- Tailormade machines
- In compliance with API 617, 672, 673, 614, 670
- Compact and easy-to-handle skid mounted design

Efficiency

- High efficiency impeller design
- Variable speed drive for highest efficiency in each operation point

Reliability

- Low OpEx
- Impeller CIP (Cleaning In Place)
- Minimized number of moving parts
- Cut numbers of required spares
- Simplified maintenance
- Variable speed control provides smooth ramp-up and capacity control
- Less Downtime - Change out time for rotor is considerably shorter



Our SULCO PSC opens up a wide range of unique features and benefits:

- Polished Impeller **without** back-blades minimizes impeller caking and reduces the need for time-consuming impeller cleaning
- **Subcritical** operation over the entire operating range
- Integrated high pressure **cleaning system (CIP)** for impeller and casing; allows cleaning during operation with reduced speed



Rotor with appr. 2 tons and impeller diameter of 1600 mm.



FIMA here. How can we help you?

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