

October 1, 2018

Sulzer launches HST 30 – the newest addition to the HST™ line of high-speed turbocompressors

The HST 30 is the newest addition to the HST™ line of high-speed turbocompressors. It offers more flow and pressure at a significantly higher efficiency than its predecessors. This translates into big savings in the energy consumed by low-pressure air compression, both in wastewater treatment and industrial processes.

The HST turbocompressor line is the most popular choice in its size range today. With the addition of the HST 30, Sulzer offers the customers the best efficiency for an even wider range of flow and pressure. HST 30 builds on field-proven technologies of the previous Sulzer third generation high-speed turbocompressors. It incorporates both near-silent operation, uniquely efficient air compression, and an advanced but easy-to-use control system.

HST 30 introduces updated versions of the active magnetic bearings that are becoming the industry's first choice in this size range. It also includes a new permanent magnet motor design, built specifically for this duty. Almost unique for this size of a machine is that it is cooled with air only, meaning there is no liquid to mix, fill up, check, or exchange. Better still, there is nothing that can leak, freeze, or boil off.

All cooling air filters are well protected by the front door, but can easily be exchanged in seconds. Thanks to the horizontal shaft and inlet direction, also the replacement of integrally-gearred turbos and multistage centrifugal machines is straightforward.

The flexible pipework configuration is helpful for the designer and builder as well. With filter boxes for wall or floor mounting as well as silencers and valves for all relevant flange sizes, HST 30 is one of the most flexible machines of its kind both for new builds and replacements.



The HST™ 30 turbocompressor from Sulzer has a maximum input power of 300 kW and a maximum flow of 12'000 Nm³/h (400 hp, 7'600 SCFM).

MEDIA RELEASE

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To find out how to save energy and money while protecting the environment by choosing the HST 30 for your low-pressure air compression needs, please visit sulzer.com/hst30.

Sulzer's core strengths are flow control and applicators. We specialize in pumping solutions and services for rotating equipment, as well as separation, mixing and application technology. Intensive research and development in fluid dynamics, process-oriented products, and special materials as well as reliable service solutions help the company maintain its leading position in its focus market segments. Our customers benefit from a network of over 180 production and service sites around the world. In 2017, we achieved sales of roughly CHF 3 billion with around 14'700 employees. Our shares are traded on the SIX Swiss Exchange (SIX: SUN). www.sulzer.com

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