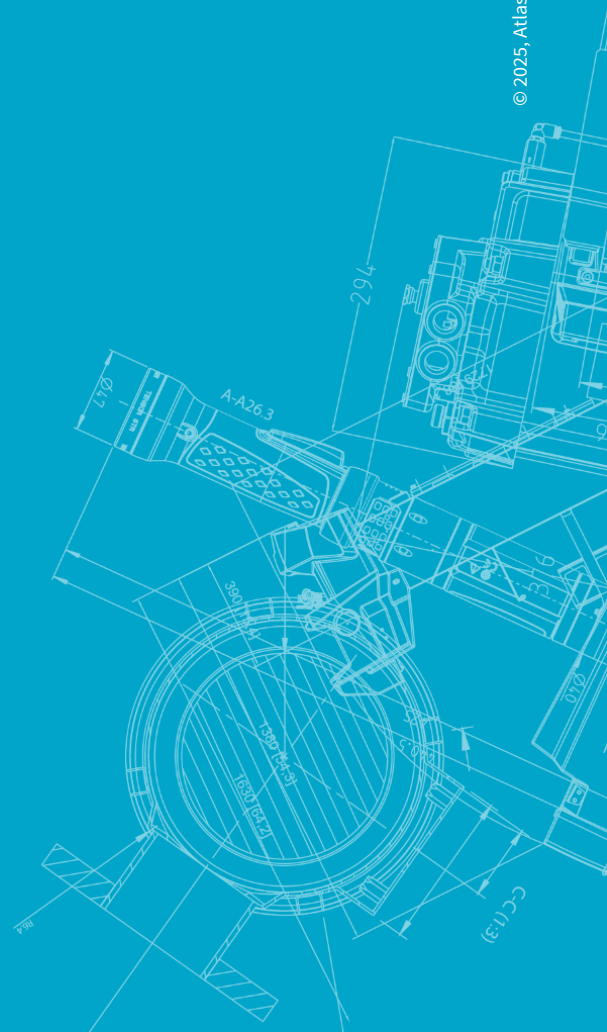


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Read all safety instructions in the manual before usage.



Redefining efficiency and flexibility

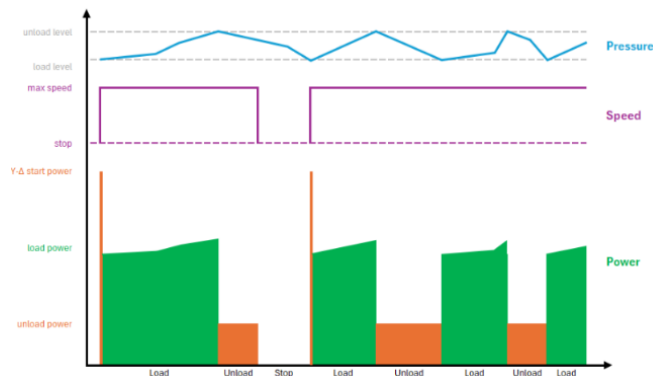
The basics of air compression remain constant, making Atlas Copco's introduction of the dual-speed compressor a significant advancement in reducing operating costs. Unlike traditional fixed-speed compressors, the dual-speed unit can reduce its motor speed to a minimum during unload. Additionally, ZR/ZT 30-55 FLX delivers optimal flow at any pressure setting for unmatched versatility.



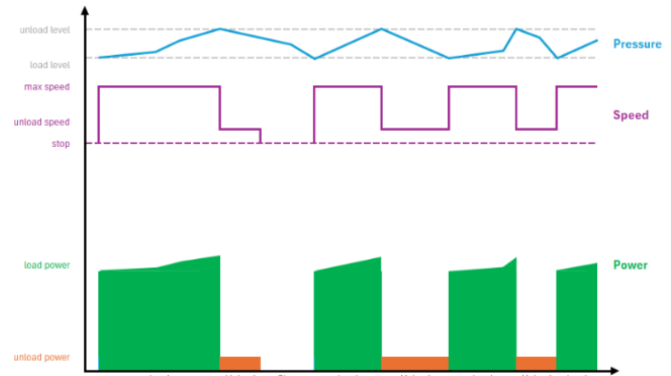
What is a Dual-speed compressor?

Traditional fixed-speed compressors run at a single motor speed to deliver maximum airflow. However, when air demand is lower than the compressor's maximum capacity, this fixed speed results in significant energy waste.

A **dual-speed compressor**, on the other hand, operates at two speeds: one for maximum capacity and another at a minimum speed during the unload state to reduce energy consumption. This makes it far more efficient than traditional fixed-speed compressors. Additionally, dual-speed compressors eliminate concerns about high starting current peaks.



Fixed-speed compressor



Dual-speed compressor

The **Dual-Speed concept** offers **three key benefits** over traditional fixed-speed compressors:

- Efficiency during loaded state with independent drive trains and optimized airflow
- Reduced unload power as motors run at minimum speed, not maximum
- No starting current peaks

These advantages of the Dual-Speed FLX Compressor significantly reduce your energy costs

Maximize Efficiency with a VSD Upgrade

If your air demand fluctuates and you want to enhance your energy savings, convert your ZR/ZT FLX into a VSD machine. This upgrade eliminates unload losses, further reducing operating costs. Monitor your energy consumption with Elektronikon to see potential savings from switching to VSD based on your current ZR/ZT FLX operation. Decide if it's time to upgrade by simply acquiring a VSD license, with no physical changes to your installation required.