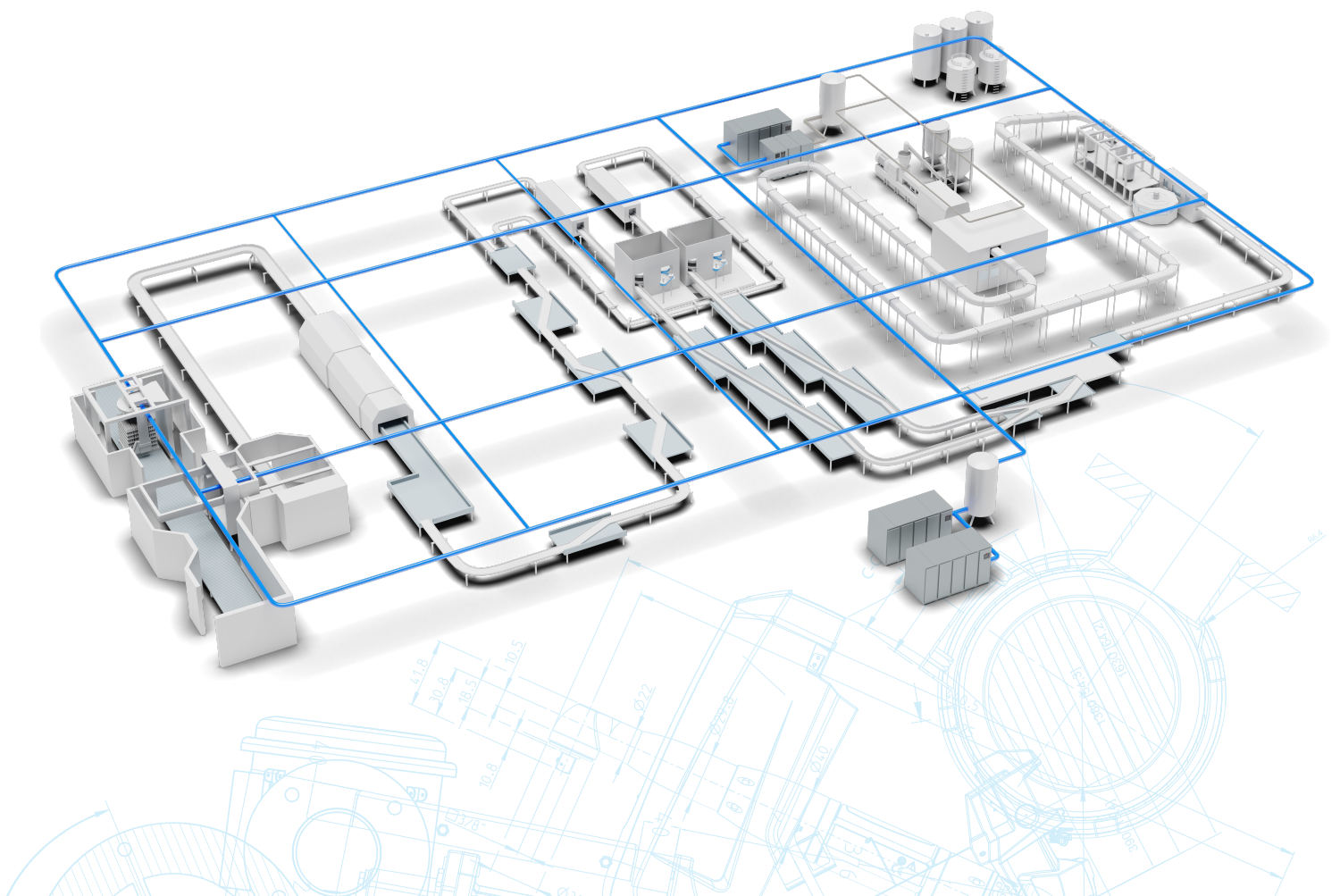


10 steps to a more 
Efficient 
Production 

Your checklist on how to save energy and make your production process more efficient.



1. APPLICATION & INSTALLATION

Compressed air can be crucial for various production processes. But installations can become inefficient due to changing production requirements over time, resulting in increased energy costs and carbon footprint.

2. STORAGE & DISTRIBUTION

Piping distribution and vessels in compressed air systems are often overlooked, but they play a crucial role in the systems efficiency. Properly designed air systems avoid pressure drops and save both energy and money.

3. AIR QUALITY

Having the correct air quality can prevent contaminants such as water, oil, dust, and even microorganisms, which can affect the production reliability and your product quality.

4. AIR VOLUME & FLOW PATTERNS

Be aware of the different flow patterns in production. Changes in the demand need to be considered. An Atlas Copco AIRchitect study can map your flow patterns and demonstrate potential system improvements.

5. CORE TECHNOLOGY

Oil-free, oil-injected, tooth, rotary screw, piston or centrifugal technologies are used in most industrial applications. Atlas Copco can help select the correct technology dependent on the needs of your production process.

6. EQUIPMENT CONTROL

Our advanced controllers can help manage the pressure and optimize power consumption with smart algorithms designed to minimize power consumption, and carbon footprint.

7. SYSTEM CONTROL

Even the most efficient products (compressors, dryers,...) only reach their full potential when working together. Central controllers maximize system efficiency while reducing your carbon footprint.

8. RECOVERABLE ENERGY

Compression generates heat, so don't let this go to waste. That's why our energy recovery systems are the best option to reduce your energy consumption for process or space heating.

9. SYSTEM MAINTENANCE

A well-maintained compressed air system will more than pay for the maintenance costs through energy savings. You're never saving by delaying maintenance.

10. SYSTEM MONITORING

Remote monitoring allows you to monitor and optimize your compressor room from anywhere. Supporting ISO 50001 energy management standard.

