



Reino Hedman, General Manager at Midroc Electro AB



Old coupling with hose clamps causing leakage and pressure drop



CEJN eSafe with stream-line connection for high flow and low pressure drop

Spotting Leakages & Optimizing Systems with Midroc Electro AB

The cost of compressed air is high and is increasing every day. Experts are focused on how we can develop new forms of energy supply, but Reino Hedman at Midroc Electro AB is more interested in how we can save what we already have.

Saving energy is crucial, both for the sake of the environment but also as the economical advantages for the individual company are astounding. "Often the payoff seems too good to be true" says Reino Hedman, General Manager at Midroc Electro AB, a company involved in leakage control and system optimization at industrial sites around the world.

LEAKAGE CONTROL is the quickest way to save energy and the return of investment is normally 3-6 months. Reino Hedman states that the normal leakage on a site rounds up to about 20%-30% of the total energy consumption and hose clamps are often the weakest link. "A company can lose many thousands of Euro in hose clamps alone. Just a one millimetre hole costs around 800 Euro every year." Midroc often gets contacted when the leakage is obvious because you can actually hear it, but Reino also wants to add that the leakage you can't hear rounds up to about 800-1200 Euro yearly. He continues: "When there are leakages the compressor needs to work harder to provide enough air to the tools and this is where you start losing money".

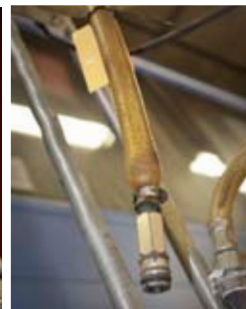
THE RIGHT PRODUCT AT THE RIGHT PLACE is the next step in the process of optimizing a production site. Even if ineffective hoses are replaced and leaking clamps removed it's also about the right product

and knowledge about air consumption. On the question of what the right product is, Reino Hedman replays: "A high efficiency coupling with a design that permits lower energy consumption and still allows high tool performance. Like the CEJN eSafe with stream-line connection. It's the best on the market!"

Reino also explains that a well-designed blowgun like the CEJN MultiFLOW is optimal because of its high blowing power and minimal air consumption. "Many people choose what they think is a cheaper product, but what they do not know is that the air runs right through it. By using an optimized blowgun you start saving money immediately." Reino continues talking compressor power and states that with optimized products there will be minimum stress on the compressor that provides the system with the valuable compressed air. "With the right products you can run your system on lower pressure and save money!"

"I definitely recommend CEJN because they have the best coupling on the market!"

Reino Hedman **Midroc Electro AB**



Reino Hedman at Midroc Electro AB demonstrates some leakage points and areas of actual danger. Standing at the site you can actually hear the money going up in the air. Around 20-30 % of the total energy consumption is lost due to problems caused by hose clamp leakage and old and inefficient products causing high pressure drop.