



Case

New pumps for the polishing process at NGIA/S

In April 2022, NGI invested in a new type of pump for the recycling process of water used in the polishing and grinding processes of the machine shoe models M and H.

The old construction water process was worn out and the lack of spare parts made it clear that a complete replacement had to be made.

In collaboration with the company Anmasi and the company PN-el service, a new type of pump was developed.

The old setup is controlled by compressed air which means that it has a high energy consumption. The new setup is 100 % electric and has a significantly lower energy consumption making a notable difference in the annual Co2 emission.

Before:

After:

Annual Energy

Annual Emission



Annual Energy

Annual Emission

33 mWh

5 tons

2 mWh

0,3 tons



Annual Co2 emission
reduced by:
94 % ↓

