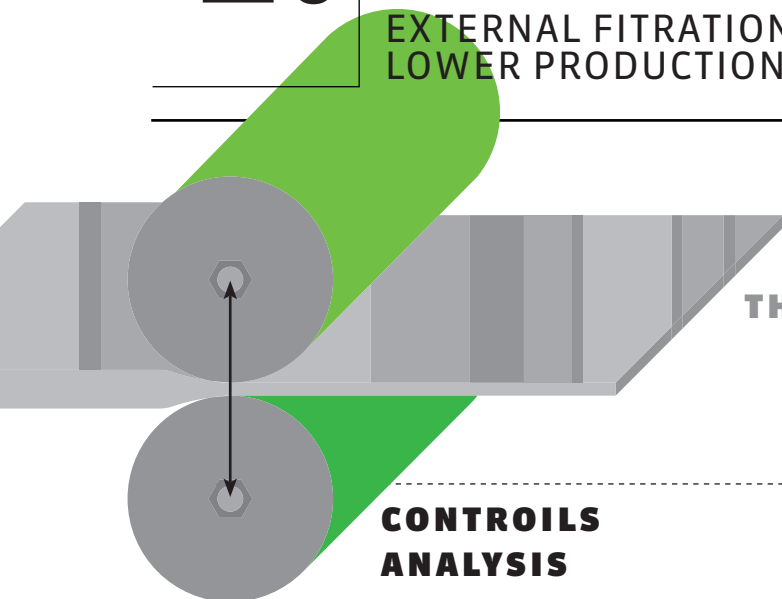


2. Rolling Mill

EXTERNAL FITRATION:
LOWER PRODUCTION COSTS



THE PROBLEM

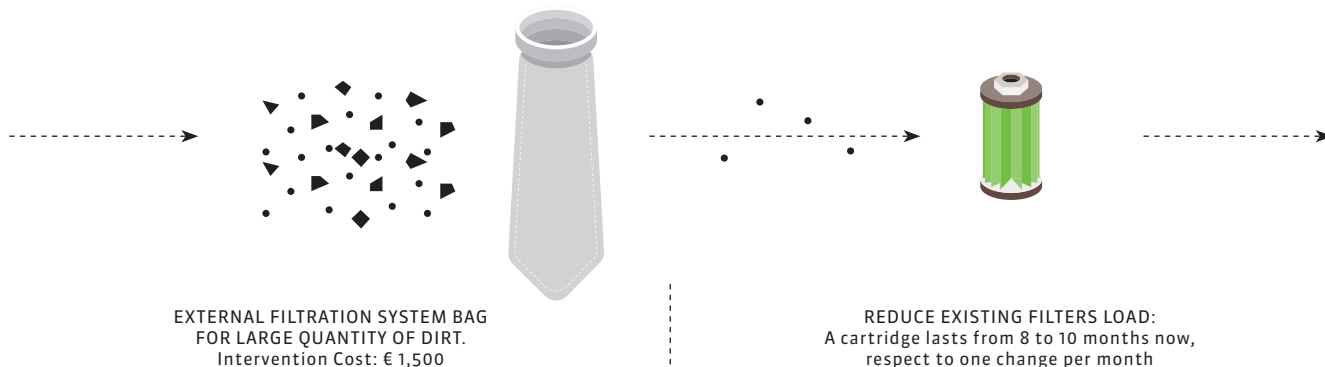
- CONTINUOUS MACHINES DOWNTIME
- EXCESSIVE PARTICLE CONTAMINATION DESPITE AN APPARENTLY PROPER FILTRATION SYSTEM

CONTROLS ANALYSIS

The Controls analysis revealed a presence of brass particles inside the oil, allowing to determine the cause of the problem: the excessive particle contamination level was caused by the wearing of milling rolls regulation screws. The filtration system of the plant was apparently adequate but, in reality, underdimensioned.

LA RICAMBI UDINESE SUPPLY

La Ricambi Udinese applied an external filtration, adding, before the existing filtration system, a filter bag extremely economic capable to manage a large amount of dirt.



THE RESULT IN EIGHT MONTHS

Cartridges costs
(€ 700 x 2) x 8 mesi

€ 1.500 Bag filter assembly
€ 700 Filter cartridges cost
1 every 10.8 months
€ 21 Filter bag cost
1 every month

~~€ 11.200~~

€ 2.368