

# 3. Polypropylene Films Production

## FILTRATION SYSTEM REVAMPING

### THE PROBLEMS

WEEKLY  
MACHINES  
DOWNTIME



STOP OF THE  
PRODUCTION  
LINE



COMPONENTS  
CLEANING



OVEN  
CLEANING

A LOT OF  
PRODUCTION  
WASTE



ONE DAY OF STOP + LONG AND EXPENSIVE RESTART PERIOD FOR THE MACHINE

### CONTROLS ANALYSIS

After some analysis we discovered the triggering event: the on-off valve units of the winding machine. Within them the cursor blocked constantly due to some particles suspended in the oil. To unlock it, customer had to stop the whole plant.

### LA RICAMBI UDINESE SUPPLY

Implemented an operation of “revamping” of the hydraulic system with a new filtration system that allows oil to flow in it always at a clean level.

INTERVENTION COST: € 8.500

DOING SO THE COMPANY HAS **NEVER HAD MACHINE DOWNTIME CAUSED BY THE OIL POLLUTION, ELIMINATING THE COSTS FOR RESTART THE PLANT FOLLOWING TO THIS PROBLEM**

**THE INVESTMENT HAS BEEN REPAID IN JUST ONE WEEK.**