

## Budget price\*:

2K€ per filling valve

## Payback estimation:

NA

## Installation time\*:

Installation: 5 days  
(approx. 25' per filling valve)  
Commissioning: 1 day  
(production monitoring)

## Machine downtime:

5 days approx

\*These data are approximate and not definitive, depending on your machine configuration.

## Machine application:

FMa SRFH

# Plunger Improvement (Balls Removal)

Ref. SP033

## BENEFITS

- Maintenance costs and TCO reduction
- No filling time variation
- Reduced maintenance, in terms of
  - Frequency (new plunger to be maintained every 12000h vs 6000h)
  - Cost ("balls" removed, no need to purchase them anymore)
- Possibility to fill "cold" products  
Filling valve preset –in case of machine upgrade, the valve won't be changed.

## DESCRIPTION

Design review of plunger and magnet group, aimed to remove the magnetic spheres ("balls") from the first and the bushing from the second

Old and New Magnet Group



Old and New Plunger



COST OPTIMIZATION

