

# SWITCH!

EXCHANGE YOUR SEPARATOR

for sustainable and  
efficient cement  
production

## BOOST

PRODUCTION  
CAPACITY  
UP TO 25%

## INCREASE

PRODUCT QUALITY  
BY LESS RESIDUE  
ON 45 µm

## REDUCE

SPECIFIC ENERGY  
CONSUMPTION  
UP TO 20%

## GRIND

SUSTAINABLE CEMENT  
UP TO  
7500 BLAINE

### Christian Pfeiffer **Switch**: Exchange the separator

Produce **sustainable cement / finer cement** with improved quality, while saving energy at the same time. To achieve this, slight modifications of your plant are sufficient. A separator in combination with the diaphragm-exchange can lead to significant production improvement within shortest project times. Christian Pfeiffer is your partner all along the value chain.

### **Switch** services:

- Audit of the existing plant
- Feasibility study, including budgets and guarantees
- Preparation of firm proposals
- Engineering and procurement of necessary plant equipment
- Necessary assembly and construction work
- Supervision and commissioning of the plant
- 360° service support

ROI  
less than  
2 years

Visit us at  
[christianpfeiffer.com](http://christianpfeiffer.com)

POWDERED  
BY  
 **CHRISTIAN  
PFEIFFER**



## Old Generation

### Figures

**25%**

Production increase,  
due to separator and  
diaphragm exchange

**30%**

Less bypass:  
from 40% to 10%

**25%**

Up to 25% less  
recirculation to the mill  
because of better fines  
collection

**100%**

Confined air sealing:  
100% avoiding oversized  
particles in the product

### Return on investment

**25%**

Production increase  
equals 13t/h

**\$1.3m**

13t/h x 20hrs/day x  
330 days x USD 15/  
ton = USD 1.3 million  
additional sales yearly  
revenue

**\$2m**

Investment of  
USD 2 million for the  
separator exchange

**<2 Yrs.**

Return on investment  
without considering  
energy savings



## Latest Generation