2019
PRODUCT SHOWCASE
Ocrim is an Italian company based in Cremona operating since 1945, owned by Antolini’s family, offering solutions for milling sector. Ocrim designs and develops milling plants for wheat, corn and cereals, feed mills, electrical systems, silos and grain conveying systems.

**RECENT PROJECTS**

- **Location**: Indonesia, Bogasari  
  **Capacity**: 21000 tons/24h
- **Location**: Oklahoma, ADM  
  **Capacity**: 900 tons/24h
- **Location**: India, Daily Flour Mill  
  **Capacity**: 900 tons/24h
THE WORLD OF OCRIM

- HQ
- PORT FACILITY
- 2 SISTER COMPANIES
- WEIGHING PACKING
- PALLETIZING
- R&D
- PARTNERSHIP WITH UNIVERSITY OF PARMA
- INTEGRATED FOOD CHAIN
With the aim to optimize and enhance the mill’s operation, Ocrim has decided to focus on the grinding rolls, designing a solution that would help in reducing both time and maintenance costs: **titanium-coated rolls** for the fluted passages in the grinding process.

**4x HIGHER IN HARDNESS**

2200 HB vs 560HB

**FLUTING LASTS MORE**

**LESS MAINTENANCE COSTS**
I AM TITANIUM

COATED BY PACVD PROCESS BY TWO INDIVIDUAL COATING PROCEDURES:

1. TIN LAYER + 42X SANDWICH TIB$_2$ LAYER
2. TIN LAYER + 42X SANDWICH TIB$_2$ LAYER
Plant yield is strongly affected by the state of the fluting of the rollers. With new fluting, it is possible to obtain the nominal yield of the plant because it is in the best conditions to achieve what is envisaged by the diagram, therefore it is crucial that the profile of the roller fluting is maintained for as long as possible.

With Titanium rollers the ideal configuration of the plant lasts longer, remaining as unaltered as possible.
Titanium-coated rollers were tested on a running Mill in Italy during the last year. After installing the rollers and adjusting them, it was requested not to make further adjustments until the next check.

- With new Titanium rollers the average granulometry of the outgoing product was 885 microns
- After 100,000 tons the average granulometry shifted to 950 microns

The granulometry value has not changed much, synonymous with an insignificant wear of the roller.
A drop of 0.5% in yield for a 300TpD flour mill, causes:

- **INEFFICIENCY, $$$/ YIELD LOSS AND INCREASE IN ENERGY CONSUMPTION**
- **ANNUAL LOSS 180K $**
- **DAILY FLOUR LOSS 650 $**
- **DAILY LOSS 650 $**

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Based on our field test and results obtained, the titanium-coated rollers are more cost-effective than the traditional ones.
OCRIM NEW ONLINE

OCRIM.COM

NEW COMPANY WEBSITE WITH PRODUCTS DETAILS

NEW LINKEDIN STRATEGY: CLOSER TO CUSTOMERS

YOUTUBE CHANNEL: NEXT STEP