7-8 October 2019
10th Annual IAOM Southeast Asia Region
Jakarta, Indonesia
Mill Service is one of the LEADER companies in the world specialized on modern and innovative milling systems realization with more than 20 years of experience.

Top quality engineering, accuracy on the project activity, first class machinery and equipment and continuous collaboration with our clients are, since the beginning, the main force points of Mill Service.

« there is always a BETTER solution, our goal is to seek it »
ATTENTION TO DETAILS IS WHAT MAKES US UNIQUE.

THE VALUE OF THE «MADE IN ITALY» IS RECOGNIZABLE THROUGH THE RESEARCH OF PERFECTION.

CAPABILITY TO COMBINE TECHNOLOGY, DESIGN AND PEOPLE RELATIONSHIP.

Mission

OUR GOAL IS ONLY THE PURE EXCELLENT
Luca Giacomazzi
CEO
Co-owner Mill Service

Luca Michelon
CTO
Co-owner Mill Service

Moreno De Marchi
Sales Manager

Carlo Silvestrin
Milling Technology

« without COURAGE knowledge leads nowhere »
Main Activities

- Turn-Key Flour Mills Plant
- Turn-key Durum Mills Plant
- Turn-Key Corn Mills Plant
- Grain handling & Flour storage systems
- Bio Ethanol & Starch Mills Plant
- Turn-Key Feed Mills

“We solve today’s problems looking to the future OPPORTUNITIES”
SABUROVO 650 tpd FLOUR MILL PLANT RUSSIA
The new SABUROVO Flour Mill plant:

- 6 Floor building **CLEANING/MILL** Section;
- **15 SILOS** Flour Storage Section;
- **4 SILOS** Flour bulk loadout section;
- Separate building **BRAN PELLET** Section.
The construction activities of the complete plant was study and divide in 2 Phase for minimize the realization time and reach the target to maintain in production the existing 200+300 Tpd flour mills already install by Mill Service.

**FASE 1**: installation of the mechanical and electrical machinery/equipment on the new 15 silos flour storage, on new 4 silos bulk loadout and on the Bran Pellet section

**FASE 2**: in the same period of the FASE 1 activities was complete the Flour Mill Building and, when was ready, start and complete also the mechanical and electrical installation without stop the production of the existing 200 Tpd+300Tpd Flour Mills
MILL BUILDING DIMENSION: 40MT X 16.5 MT X 34 MT CONCRETE CONSTRUCTION

N. 8 SILOS INTERNAL SILOS FOR 1° AND 2° DNPENING.
THE NEW BUILDING WAS STUDY FOLLOWING THE DIMENSION OF THE EXISTING FLOORS IN WAY TO HAVE THE COMPLEMENTARITY BETWEEN THE TWO BUILDING FOR EASY ACCESS AND MAINTENANCE ACTIVITY.
NEW FLOUR MILL
CLEANING SECTION

1° Cleaning

Daily Bins

1° Tempering

2° Tempering

2° Cleaning
PEELING ACTION ON THE WHEAT MEANS:

- Increase the reduction of contamination;

- Decrease the ash content with increment of white flour color;

- Decrease the amount of specks and bran particles in final products;

- Grant the final products as conforming to legal requirements regarding hygiene and food safety;

- Increase the yield result of whiter flours;
CLEANING SECTION
### MILL DATA

- **30 Rollermills** Diam 250,
- **4 plansifter** 10 Channels,
- **7 purifier**
- **7 Bran finisher**
- **4 Vibrosifter**
- **1 Plansifter for** Flour redressing

### Milling Length
- **Milling length**: 71 m
- **Grain size**: 10.92 mm x 100 kg/24h

### Sifting Surface
- **Sifting Surface**: 410 m²
- **Capacity**: 0.063 m² x 100 kg/24h

### Additional Features:
- Dosing of **ADDITIVES** on line;
- Automatic **FLOUR SAMPLER** with PLC batch program.

### Maximum Result for High Quality Flour Extraction
- **High Quality Flour**
- **1° Quality Flour**
- **Semolina**
- **By Products for Pellet**
FLOUR SILOS
HIGHLIGHT FLOUR SILOS

• In way to grant the best SANITATION on the finish products all the flour transfer was be think and realize with Pneumatic Pressure Transport

• For same reason also the aspiration systems are realize with Single Point Filter for each Silos in way to avoid contamination between different kind of flours.

• In additional every silos are complete with level sensor able to supply in any moment the right quantity of product present inside the silos
With the Vibrating Discharge and the Dosing Screw Conveyor controlled by inverter we can delivered the right quantity of product also for blend the various kind of flour.

Through the Turbosifters, installed before Packing and Bulk Loadout, with mesh of 1.000 μm the safety of the flours are sure and guarantee
With a pneumatic Pressure Transport 40 Tph capacity the we can load the 4 Silos 30 Ton/each = 120 Ton/Tot in way to load the trucks through a HIGH SPEED FLUIDIZANT SYSTEM 120 TPH capacity.

WE CAN FULL LOAD THE TRUCK IN 15 MINUTES
The totality of Bran relevant existing Mill and the new Mill are send to the 2 PELLET SECTIONS 8 Tph/each Capacity

The VIBROSIFTER separate the DUST from PELLET that will return on the BRAN circuit

In way to have pellets more HARD we trheat the BRAN with STEAM before send to the PELLET PRESS

The BULK LOADOUT are preview for TRUCK and WAGON TRAIN

After the Pellet creation need to cool the product in way to dry well and eliminate the moisture create with steam
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Every individual has the duty to make the world a better place.