



Bože Starca Jurićeva 19
HR-51000 Rijeka , Hrvatska
tel: +385 (0)51 639-513
mob: +385 (0)91 566-6650
e-mail: pletikosa@inet.hr
skype name:boris.pletikosa
web: www.pakiranje.net
OIB: 72147658441

MILL 200 TON / H WHEAT

The mill consists of a system act of receiving, storage, cleaning and grinding.

Description Of The Production Process

This is a place for grinding plant of 200 ton / h of wheat. The incoming grain trucks is unloaded into the pit of receipt prepulito (chapter 2x40 t / h and above) and sent to storage silos (cap. 4,800 tonnes). From the silos is taken and sent to the cells of mixture (capacity 190 ton) and sent by the latter to the cleaning for the removal of impurities contained therein. Once clean can twice be wet with water and left to rest in special silos, from which is sent to a last cleaning and then be gradually ground of rolling mills cylinders. The milling products are brought to plansichter with pneumatic suction, to be selected and separated by size, groats were obtained from clean semolatrici while intermediate products and meal with bran shares will again be ground. This is done several times until the complete separation of the bran from the endosperm and to obtain groats no parts bran. The finished products are stored in silos or bagged or bulk cargo to be shipped to customers.

THE PLANT LIST THESE MACHINES

Receipt,precleaning, capacity 2x40 ton / h; storage silos capacity 4800 ton.

- 1 3x18m weighbridge with scale
- 1 pit cover 2.5 x 18 m.
- Two chain conveyors for tossa of receipt
- Two chain conveyors cross
- 2 bucket elevators
- 2 separators Sangati with tare
- 2 bucket elevators
- 1 chain conveyors loading silos and
- 9 dampers electro-
- 24 electro-pneumatic switches for loading the
- 16 storage cells
- 6 levels of max
- 16 min levels
- 1 chain conveyor
- 1 battery composed of volumetric dosing
- 1 plant intake manifold consists of two cyclones a fan

190 ton capacity silo mixing and cleaning capacity 8.5 ton / h

- 5 electropneumatic switches for loading
- 5 cells mixed
- 5 levels of max
- 5 min levels
- 1 set of 4 volumetric dosing
- 1 screw
- 1 bucket elevator
- 1 scale mechanical flow control
- 1 grain separator combined with aspirator and sediment contamination
- 1 bucket elevator
- 1 stoner Sangati SGS 120 (year 1998)
- 1 battery svecciatoi for semi round and long with skim
- 1 Dual battery svecciatoi for half-round and long with skim
- 1 set of spiral gravity separators
- 1 densimetric table BUHLER
- 1 tarara Loporcaro in recirculation

1 exterminator for grain
 1 bucket elevator
 1 brush vertical grain with built-aspirator
 1 wet grain intensive
 2 electropneumatic diverter for the load of the three silos conditioning
 3 levels of max
 3 levels of min
 1 screw to open case
 1 bucket elevator
 1 brush vertically integrated with aspirator
 1 bathroom grain of craftsmanship
 2 level max Level 2 min
 1 screw vented enclosure
 1 bucket elevator
 1 brush horizontal grain with aspirator
 1 screw to open case
 1 box of stainless steel
 1 intake system 1 ° and 2 ° cleaning compound as a collector, two cyclones, a fan
 1 destoner suction system comprises a manifold a cyclone fan
 1 suction system 3 ° cleaning comprises a manifold a cyclone fan

Harvesting and milling waste

1 screw to open case
 1 bucket elevator
 1 solenoid switch for the load of the two silos waste
 2 level max
 2 Level min
 2 hammer mills
 16 hammers
 1 battery of two cyclones
 1 level max
 1 min level
 1 screw to open case
 1 transport under pressure for the loading of the silo groats

Grinding about 200 ton / h of 24 durum wheat

1 scale mechanical timer
 8 mills double Sangati S56 / A
 9 mills double Sangati S56 / A
 9 pairs of rollers in stock
 3 transmission with 3 motors 55 Kw media on bearings, shafts and pulleys to command 17 mills
 12 semolatrici Sangati SS66 / T 450
 3 plansichter Sangati S60Bb 822 8 channels 22 frames
 1 plansichter Alapala 8 channels 26 frames (unused)
 1 pneumatic system for transportation in suction of the products of the milling comprising:

- 33 air lines
- 5 batteries of ciclonetti
- 1 collector
- 1 75 kw high pressure fan
- 1 filter pressure

 2 suction system semolatrici compounds in total by:

- 2 intake manifolds
- 2 low-pressure ventilators
- 2 filters open to rake

 1 tipper start and end milling with dosing screw feeder
 1 screw to open case of waste collection by filters
 2 double auger for collection and distribution products
 1 double chain conveyor for collection groats
 1 bucket elevator for loading silos of semolina
 1 air line to load the second flour silos

Silos finished products

Comprising 6 cells semolina (capacity 280 tons); 1 cell semolina (capacity 75 tons); flour 1 cell (capacity 75 ton) 4 cells products (capacity 240 tons)

12 levels of max

12 levels of minimum

1 bucket elevator

1 chain conveyors loading silos with 5 electro pneumatic dampers

12 pullers vibration

9 electropneumatic switches

4 chain conveyors for handling the finished products

4 groups of bagging

2 exhaust systems consist of:

- Collector
- Low-pressure ventilators
- Filters opened with cleaning rake

1 line of products under pelleting capacity 4 + - ton / h consists of:

- 1 screw to open case
- 1 bucket elevator
- 1 dicer Mechanics
- 1 vertical cooler
- 1 fan
- 1 cyclone























