

EXHIBIT “A”

FLOW CHART OF CRACKED CORN PROCESSING



GENERAL VIEW OF TRABZON FREE ZONE



GENERAL VIEW OF THE PROCESSING SYSTEM

1. Raw material storing: Products to be processed are transferred to raw material warehouse in the production line.



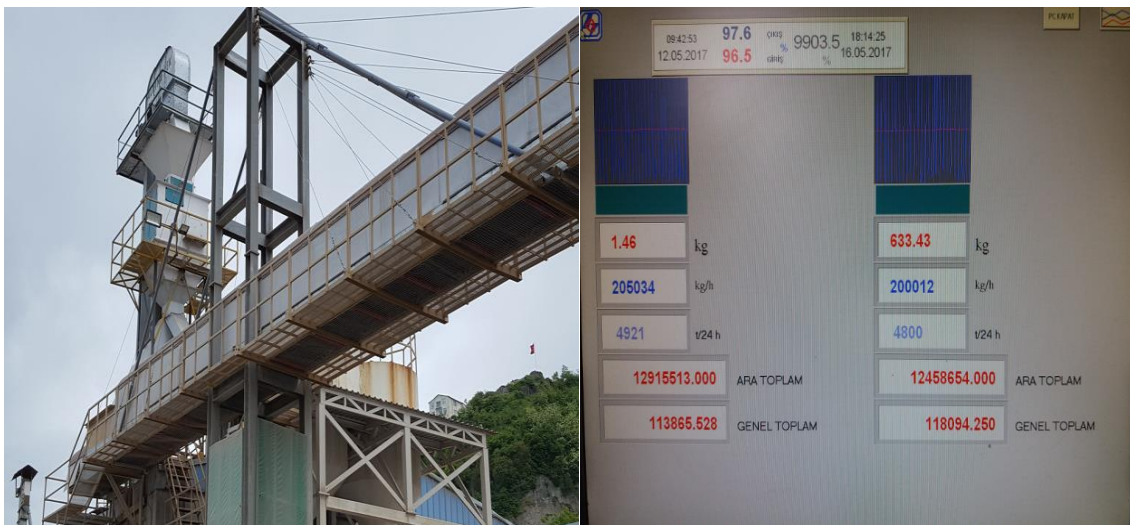
2. Raw material intake: The raw material moved to 4 m x 4 m sized elevator pit via specially designed caterpillar. A control sieve with 5 cm x 5 cm pores is located on the elevator pit. This sieve eliminates stone, rock, metal and etc. which exist in the raw material. This precaution to reduce risk of harming machines possibility to the minimum level in manufacturing system.



3. 1st Elevator: The products are lifted to yield weighbridge via the elevator (350 ton/ hour capacity) located at the entrance of system.



4. 1st Weighing: Products weighed in yield weighbridge to measure losses in system and other additional process for crops as well as to create proportionally reference data for 350 ton/hour. Data to be saved in system control computer.



5. Vacuum cleaning: Products are moved to RUBERG RVS 300 cleaning system after leaving yield weighbridge. In this process, crop residue such as leaf, dust, stems and husks to be eliminated. The foreign materials with high volume but less weight than the product to be vacuumed by high flow aspirator. Products to leave system by the help of filters. Please see the average quantity of the Foreign Material sorted by this system.

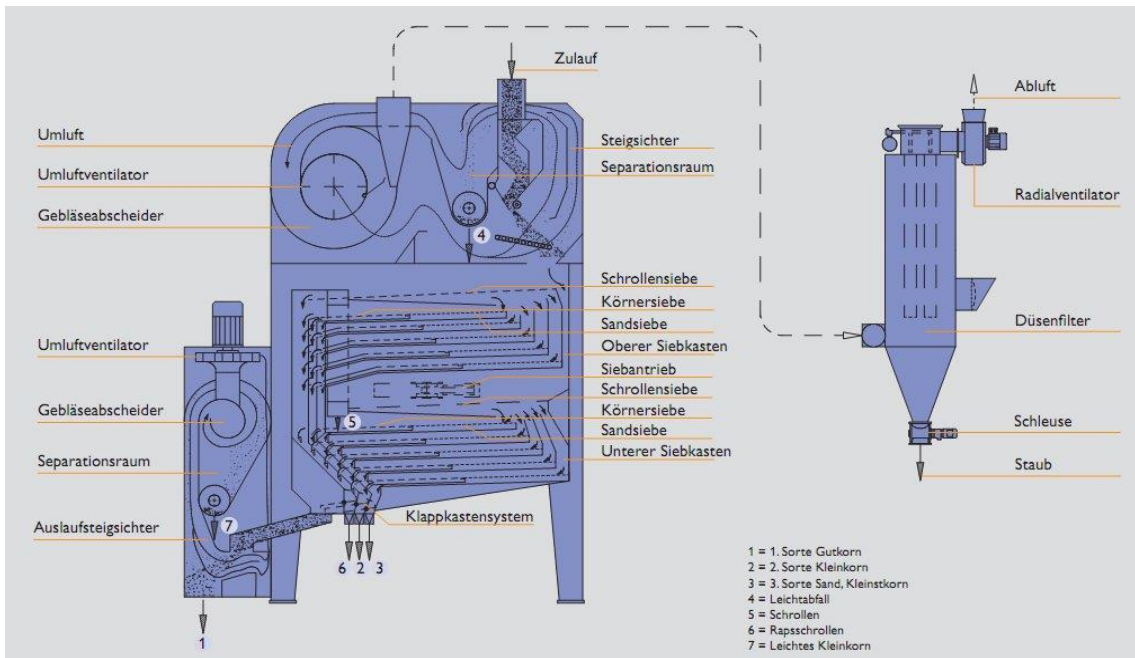
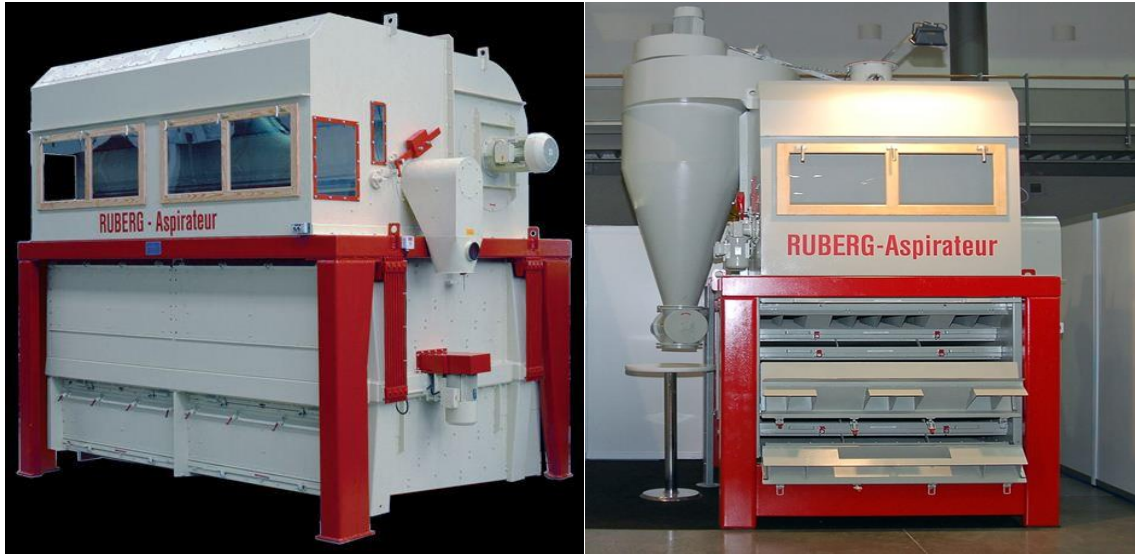


Crop residue such as dust, stones, stems, leaf and husks.

RUBERG RSV 300 CLEANING & EXHAUSTER SYSTEM:

This is main part of system and it contains 4 steps. It eliminates the insects and sorts out foreign materials, weeds, leaf, soil, sand, shell, immature seeds etc. which may reduce the quality of the products.

RUBERG RVS 300:





6. Separation of foreign materials: In this part of system, foreign materials which has higher density than the product or heavier are sorted out with the help of shaking and vibrating sieves. The rejects are sent to the crusher unit and are grounded. Please see the average quantity of the Foreign Material sorted by this system.



7. Separation of flour and bran: In this section, elimination of grain smaller than 2 mm, rust, flour and starch caused by friction to reduce product quality during harvesting, storage and transportation are done. Products to transfer through the filter system to the feed / by-product tank. Please see the average quantity of rejects (bran, broken, flour) taken out in this step



8. Crushing Unit:

The crushing system is a system in which the cracking, cutting and pressing forces are applied together. It is commonly referred to as a breaking waltz. In the system there are 5 crushers working in parallel. Each crusher has 40 metric tons per hour cracking capacity. The total crushing capacity of the system is 4.800 MT per day.



Crusher DDMT - VALS (OPTIMUS).



Crushing rollers.



| | |
|---------------------|---------------------|
| RAW MATERIAL | CRACKED CORN |
|---------------------|---------------------|

| SPECS OF CRACKED CORN | |
|------------------------------|--------------|
| PARAMETER | MAIZE |
| WEED SEEDS | NONE |
| FOREIGN MATERIAL | MAX 0,5 % |
| BROKEN KERNELS | MIN 60 % |
| HUMIDITY | MAX 14,50% |

9. 2nd Elevator: The product from corn cracking section is delivered to the weighing unit with the help of the elevator.



the second weighing process, the losses occurring in the process up to this stage of the production process are calculated and recorded on the system control computer. This data can also be used to measure the system's production metric ton/hour capacity and oiling unit the system is used as reference data to determine the percentage of oil to be used.

11. Loading bunker: If there will not be any oiling process or store in another warehouse, final product can be loaded to big bags, trucks and container etc. via loading bunker.



12. Conveyer bridge: In this section, raw material storage, product obtained from production line conveyed to the warehouse where oiling, tempering or polishing process to be done. The capacity of the conveyor is 350 ton/hour and located between facility's two main buildings, it has 42 m length, 7 m height. Manufactured and installed to avoid any contamination risk during the transportation.



13. Oiling, tempering, polishing: Products cleaned and processed (except oil seeds) are oiled and coated with organic sunflower seed oil at range of 0,1-0,2 % to avoid dust problem caused by friction, to extent storage life and prevent insect re-contamination and to balance the moisture (moisture transfer) content of the product. Necessary analysis are done to determine required oil quantity to use in product. The ratio of oil per metric ton in the oiling unit is balanced by taking into account the weighing made on the efficiency scales in the system and the capacity data obtained from the system control computer. The average analytical values that show the physical values of the product are available in the below table.



14. 3rd Elevator: The oiled products are transferred to the storage area via conveyor distribution system.

15. Conveyor: Product completes all manufacturing process carry out storage area with help of distribution. Products classification is done according to its specification and It is stored under controlling of automation system.



Flow-chart of the whole process

