



Slobozia, Rumania



## Dehulling of sunflower seeds

### PROFLUID System

After the succes of the fluidized bed table installed in the sunflower plant in Argentina, once more, a new customer trusted in Proglobal's PROFLUID equipment; this time in Romania, Europe.

This customer outlined the issues that arise in their process due to fluctuations in seed characteristics, along with the low performance of the existing equipment. The analysis submitted by the customer indicated high percentages of fat matter in the hulls, and therefore, substantial oil losses which could be recovered.

We presented the PROFLUID System to the customer for recovering the fat matter that is lost with the fiber. After several visits to the customer and the analysis of the existing spaces, we agreed to provide a PROFLUID solution with the purpose of recovering the seeds that were being lost with the hull.



After installation, several tests were carried out and it was possible to quantify the recovery of sunflower seeds, which meant a reduction of 3% in the fat matter present in the hull going to the boiler.

This system allowed reducing the final fat matter in the hull from 7 to 4%, which represents approximately 520,000 U.S. dollar per year, finally resulting in an extremely fast return of investment.

The equipment which was installed in Romania is available to be visited by any customer interested in watching its operation.

#### Equipments:

PROFLUID densimetric table

Cyclone

Rotary valve

Fan

Equipments with CE Mark Certification 