

## CONTINUED SUPPLY FOR THE RUSSIAN MARKET

### New Seed Processing Plant in Stavropol Krai, Southern Russia

In August 2017, OPH "LUCH" launched the second Cimbia plant for the preparation of seeds of various crops. The ceremony was attended by the Governor of the Stavropol Region, Mr. V. Vladimirov, who clicked on the symbolic button.

The company was founded in 1992 on 1,044 hectares of arable land. Over the years, the company has grown, with the total area of farmland now standing at 22,000 hectares. The quality seeds from OPH "LUCH" are highly valued, not only in the Stavropol region, but also in the neighbouring CIS states of Armenia, Turkmenistan, Azerbaijan, Tajikistan and Kyrgyzstan.

OPH "LUCH" approached Cimbia and the first discussions on the subject of a new seed plant took place. In spite of political and financial challenges, Mr. Dontsov G.F., General Director of OPH "LUCH", decided to give the go-ahead for the new project.

Cimbia was awarded the design contract to develop the design and layout of the new complex, including drawings for the steel structure to be manufactured locally.

The equipment contract was signed in 2016 and installation of the new plant started in late 2016.

The new plant provides a full cycle from reception and intake, through pre-cleaning, drying and storage and finally to seed processing. It is a universal design capable of working with seeds from many cultures – the seed line (10 TPH in wheat) includes fine cleaner, indented cylinder, grader for grading into 3 grades, gravity separator, colour sorter and treater, whilst for gentle handling of the seed material, Cimbia Z-elevators are used. The complete facility is operated from a Cimbia PLC and PC control and automation

system, in addition to which the silos are equipped with Cimbia Unitest System for monitoring seed quality during storage. The order follows a previously supplied order for a 10 TPH grain seed line with fine cleaner, indented cylinder, gravity separator and treater.

### Second Huge Silo Project for "Sigma" Group, Russia

In 2017, Cimbia completed the second major silo plant for the Russian "Sigma" Group. The new 162,000 m<sup>3</sup> silo plant is located in Mayachny, 250 km south of Ufa in the Republic of Bashkortostan, and acts as a storage facility for their new 1,500 TPD sunflower oil extraction plant.

The first stage of the plant, consisting of intake & pre-cleaning, drying and the first four silos, was installed in 2016, with another fourteen silos being supplied and installed during the course of 2017.

The complex is equipped with Cimbia Chain Conveyors and Bucket Elevators, 2 pre-cleaning lines, each with a Cimbia Drum Scalper and Mega screen cleaner, and 2 continuous flow dryers.

The entire facility is operated from a Cimbia PLC and PC control and automation system, in addition to which the silos are equipped with a Cimbia Unitest System for monitoring seed quality during storage. Cimbia has provided design and engineering of mechanical and electrical works, as well as supervision of installation.

Cimbia began cooperation with "Sigma" Group in 2012, with the supply of a Cimbia ECO Master Dryer, a Drum Scalper and 2 Mega cleaners. In 2014, a 90,000 m<sup>3</sup> silo facility was commissioned and handed over to "Sigma" Group.

THE QUALITY SEED IS HIGHLY VALUED NOT ONLY IN THE STAVROPOL REGION, BUT ALSO IN THE NEIGHBORING CIS COUNTRIES



Silo plant for Sunflower located in Mayachny, 250 km south of Ufa in the Republic of Bashkortostan,