



“TURN-KEY” SOLUTION FOR SADKINSKOE MINE ADMINISTRATION SECOND LONGWALL COMPLEX HAS BEEN LAUNCHED



The face No. 49 of Sadkinskoe mine administration was equipped with a new longwall complex. This face was commissioned at the beginning of 2021. Using the modern equipment, the next 12 months miners intend to extract more than two million tonnes of rock mass

Longwall complex for face No. 49 became the second complex produced for Sadkinskoe mine administration. The first complex was shipped to the customer at the end of 2018.

The composition of the second longwall complex is equal to the first one: KDK500 shearer, armoured face conveyor SPTs230-21.2, stage loader SPTs230-63.1 with connection device and 190 sections of the modernized 3KD90TS 12/24 powered roof support.

The connection shield-conveyor-shearer from the same manufacturer allows the equipment to work efficiently in a seam with

a thickness of 1.4 to 2 meters, which provides safe, reliable and productive coal output in difficult mining and geological conditions.

The unique design of Corum R&D specialists constituted the base of longwall complex development – the engineers equipped KDK500 with modern diagnostic system for main assembly units and the “black box” for recording indications of all sensors and operating modes. These are excellent solutions to control and analyse the load of shearer and reducing the equipment breakdown rate during mining shifts.

The conveyor is equipped with a long-life line pan combined with a cast sidewalls and drive units. The total installed capacity equals to almost 1 MW. The screen displays the information required to control the oil and cooling liquid temperature in key units of AFC.

The second complex is helping now the miners of Sadkinskoye mine administration to output rock mass from the face No. 49, while the previous one is operating in the face No. 47. Together this machinery helps the coal mining enterprise to reach their goals and to increase output.




The video about longwall complex №2 is available via QR code

Competently



Aleksandr KOVALCHUK

Director of Corum Svet
Shakhtera Plant

 The complex supply and service assisting equipment by same Corum supplier will provide the Sadkinskoe mine administration with beating coal output rates and high-quality equipment maintenance.

Client feedback



Yuri ZUEV

Director of Sadkinskoye
Mine Administration

“ We’ve received the positive results of the cooperation with Corum company while developing the longwall No. 45 and No. 47. Now we are planning to obtain the same outcome while mining the new longwall No. 49 launched in January of 2021. We expect to produce the first million tons of coal by the 1st of June.