



## CORUM GROUP HAS MODERNIZED THE SHEARER KA200



The video about shearer KA200



Corum Group has produced new KA200 shearer for Yubileynaya mine (Pershotravenskoye mine administration, DTEK Energo). The manufacturer used electric engine with modified shaft structure for the shearer, using involute splines, which increases the machinery service life by 40%.

Equipment KA200 – is a mass-produced shearer with vertical drums. Corum Group produces this equipment with Chain feeding system of the

shearer.

Due to its ergonomic features, this mining equipment perfectly fits the thin formations of DTEK Energo mines. Stable demand for this equipment allows the manufacturer to modernize KA200 and to improve its structure and component parts.

Corum Group machine-builders modernized the electric engine of the new shearer KA200 based on R&D designers' recommendation. They changed the electric engine shaft structure, using involute splines, which allowed increasing the drive service life by 40% as well as reducing energy consumption.

This year on March, the new shearer was commissioned in the longwall 132 of Yubileynaya mine. Corum machinery for several months has already been helping the miners to produce coal: the daily output now is reaching 3000 tonnes with coal cutting resistance up to 500 kN/m.

The new shearer KA200 is the 45th one in the technological park of DTEK Energo mines and it will be helping the miners to produce coal and fulfil the scheduled output in time, as its predecessors used to do.

Competently



**Valery KRUPITSKY**

Chief Production Officer,  
Corum Group

**KA200 is a mass-produced shearer that showed good results in extracting strong coal with weak adjacent rock of the thin seams. In the nearest future, we plan to develop such shearers by equipping them with drums without cutting chains and using chainless feeding system.**