



Competently

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Several business units of Corum Group were involved in the development of Ts-3x2,2AR hoisting machine: engineering office, production facilities in Druzhkovka, service department. Such entire list of services – from designing to assembling and commissioning the equipment – allows us to control the ongoing works on every stage of the project. In the end, customer receives “on-key” equipment and quality assurance.

TS-3X2,2AR – “TURN-KEY” PROJECT FOR POKROVSKOE MINE ADMINISTRATION DESIGN, MANUFACTURING AND INSTALLATION



The new ventilation shaft No.3 at Pokrovskoe mine administration (Donetsksteel company) was equipped with hoisting machine Ts-3x2,2AR, which lifts miners to the surface of the 11-th block. The new equipment is already helping the miners to hoist down and up the staff and cargo to the depth of almost 1 km during facility construction. This ensures a stable and safe functioning of the coking coal mine.



The video

about hoisting machine Ts-3x2,2AR for Pokrovskoye Mine Administration

The maximum static rope load of the machine with 3-meters diameter drum is about 14 tonnes. To sustain such assignment R&D engineers of Corum Group adapted the latest innovative applications in the field of hoisting equipment designing. Ts-3x2,2AR was equipped with a modern control system, radio communications, shaft alarm, the equipment for power supply and controlling the electric motor. These technology advents will provide the reliable work of the hoisting machine.

Corum Druzhkovsky Machine-Building Plant used the best options offered by domestic and global manufacturers from Japan, Italy, Belgium and Germany to complete the hoisting machine. Ts-3x2,2AR was equipped with geared drive, 800 kW electric motor, pad-radial braking system, pneumatic panel and air supply system.

The specialists of Corum Repair service have performed supervising of large hoisting equipment installation at client's site. They also performed the adjustment and commissioning of the machinery. In addition, the engineers briefed miners of Pokrovskoe mine administration on the new equipment operation, the methods and ways of maintenance,

which allows increasing operational safety of Ts-3x2,2AR and extending its service life.

A MINESHAFT IN VORKUTA WILL BE EQUIPPED WITH 3.5-METER DIAMETER DRUM HOISTING MACHINE

Ts-3,5x2,4 hoisting machine is already being produced for Komsomolskaya mine (Vorkutaugol company). The specialists of Corum Minespecialbuild will use the new machine to equip the ventilation shaft No.4 after it is recovered. This is also going to be a “turn-key” project for Corum Group, when the client receives mine construction services and reliable mining equipment in a single package, so this activity will give Subarctic mine a new life (see page 6 for more information on mine construction project in Vorkuta).