

Sinking equipment. Mine winders

Production history

“Novokramatorsky Mashinostroitelny Zavod” is one of the biggest research and production complexes of the European continent, having long-standing and rich traditions in the products development for mining-metallurgical and fuel-and-energy sectors of industry.

For more than 80 years PJSC NKMZ is involved in facilities manufacturing for underground operations. Mine winders - is the most long-standing product manufactured by PJSC NKMZ. Possibility of huge drum winders fabrication at our plant is assured by availability of production facilities, providing workpieces manufacturing and machining of shafts, length of which exceeds 10 m, also machining of coarse pitch gears, and drums having diameter 4...9 m. Though construction of the plant has not yet been completed, design office has already been producing drawings of the first huge mine winder 2x5x2,3 to be manufactured at PJSC NKMZ. After the plant commissioning PJSC NKMZ started to manufacture this machine and there was mining and production equipment design office established specialized on mine winders development. The first mine winder was manufactured for “Ordzhonikidze” mine of “Makeevugol” trust in 1935. Before the World War II double-drum mine winders 2x4x1,8 and 2x6x2,4 and also single-drum mine winders 1x4,2x2,0 were designed and produced. Totally there were more than 30 mine winders manufactured for mines of Donbass and Kuzbass. In 1946 the first friction-pulley mine winder ИИТ-7,2 for mines having 1000 meters digging depth was produced, in 1948 - the mine winder with bicylindroconical drum, in 1954 - the mine winder with cylinder split drum, in 1958 - the multirope mine winders. Starting from 1982 there were МПБ-type mine winders manufactured; brake inside drum position is a key distinctive feature of them. There have been more than 2000 pcs. of mine winders produced since the production had started.

Map of deliveries.



Geography of roadheaders П110 deliveries

 Armenia	 Germany	 Kazakhstan	 Mongolia	 Romania	 Ukraine
 Belarus	 Georgia	 Kyrgyzstan	 Poland	 North Korea	 Tajikistan
 Bulgaria	 Iran	 China	 Russia	 Uzbekistan	 the Czech Republic