



Joint Stock Company TMIM (OOO TMIM) follows modern principles of running business and its own corporate philosophy. The advanced domestic and foreign experience in the field of cooling towers construction in joint activities with leading science and research institutes of the Russian Federation, we modernized, as per the new energy saving technology, thousands cooling towers in petrochemical industry, power industry, steel mills, etc.

Developed by us and successfully applied technology of revamping and construction of cooling towers with making use of highly effective blowers of new generation, allows reaching necessary depth of chilling of water, to reduce the number of cooling towers, due to an increase in their cooling capacity. Thus, due to deep water chilling, the volumes of return water to be pumped are also decreased.

Here are some examples of revamping and construction of cooling towers in petrochemical industry, power industry, steel mills for last few years:

TMIM is master serial production of cell-type cooling towers BMG-100, BMG-210M, BMG-600 with flow rate 50 - 2000 m³/hour, complete with imported components, featuring the following options: soft start-up, 2 - speed mode of operation, monitoring, drying of insulation, an anti-icing system in a frequency and quasi-frequency modes. In 2004, we branched out into a new type of product: serial production of blowers of new generation, BG-25M, BG-50M, BG-75M types, complete with control cabinets, featuring the following options: soft start-up, a 2-speed mode of operation (energy saving mode of operation at night time at 30 % of power), monitoring and drying of insulation in automatic mode. Due to the soft start-up and elimination of 7-fold shock loads for all elements, a life time of the blower multiplies in several times and makes more than 100000 hours without repair. Also, we offer a recent development – a blower VG104M Model made completely of imported components, having a productivity of 3 million m³/hour, average power consumption is 165 KW/hour. The blower has no bulky reduction gear, no turbine coupling with oil system, is completely adapted to existing high-voltage network of power supply, has soft start-up, a 2-speed mode of operation, energy-saving mode of operation at night at 30 % of power, monitoring. Thanks to high EFFICIENCY, soft start-up, monitoring and automatic control, the life-time of the blower exceeds 100000 hours.

Since 2003, we produce fire safe highly effective sprinkler blocks which can be installed by the customer at the construction site, that reduces cost of transportation in 23- times. The water traps of new generation produced by us, have aerodynamic resistances in 2.5 times less, than similar type of traps, which allows to increase intensity of draft in the cooling tower and to increase depth of chilling of water.

