



Mogilevliftmach: from comfortable lifts to state-of-the-art parking lots

This year, the enterprise celebrates its 55th anniversary

Its history dates back to 1966, and in 1970 the first three lifts were manufactured for the House of Soviets in Mahilioŭ.

Presently, the production program of Mogilevliftmach JSC includes ca. 180 basic lift models: from passenger lifts with a capacity of 225 kg, to service lifts capable of transporting loads weighing 6,300 kg. 365,000+ lifts were manufactured as of January 1, 2021.

Few are aware that Mahilioŭ ships not only passenger lifts, but also escalators and travelators, to different cities and countries. So, in many trade centres you comfortably reach different floors owing to the products of Mogilevliftmach. The first nine travelators manufactured in Mahilioŭ operate at the new 3rd line of the Minsk Metro.

The enterprise manufactures products for the European market under the trademark MOVEL. They meet the most stringent requirements of the global lift industry, being safe, reliable, and economic. MOVEL lifts are manufactured using parts from the leading European manufacturers.

Designers of the Mahilioŭ-based enterprise continuously improve their equipment. The advantage of MOVEL lifts is the use of direct-driven hoists in these models. This significantly reduces power consumption, noise and vibration levels. A state-of-the-art control system based on high-quality foreign-manufactured microcontrollers is also used.

For passengers, it is important that MOVEL products are distinguished by a stylish design, and the highest level of comfort. Striving to meet individual needs of customers to the highest extent possible, the plant has adopted a UV printing technology for placing any image on the wall panels of a lift cabin.

It is important to emphasize that the relatively young brand MOVEL, which is only gaining trust in the territory of Russia, has been recognized by and supplied to countries such as the Czech Republic, Syria, Nigeria, Romania, Poland, and Kazakhstan.

We have already highlighted the forward-looking developments of Mahilioŭ designers. Continuous search for new solutions resulted in the production of parking systems of various types for the first time in the post-Soviet space.

Initially, the enterprise manufactured rotor parking lots for 10 or 12 car spaces. Within this system, motor cars are placed on pallets in the circular rotation system. In this carousel, a motor car is lifted as if on a small observation wheel.

What's the point? At a customary site, where two motor cars were previously placed, now 12 cars can be accommodated simultaneously! This brings up the question: how long a car owner will have to wait until the wheel revolves, and the car stands ready at his or her feet? Maximum two and a half minutes. The universal nature of such parking lots helps to handle even large off-road vehicles.

One of the know-hows of Mogilevliftmach is a lift-type parking lot PL-25. As you have already understood, motor vehicles in this case are delivered by a rapid hoist using the vertical transportation method. The system has a lot of various useful functions. E.g., it is equipped with a pivot mechanism, which helps to direct the fore wheels of the motor vehicle at the gates before it leaves.

Importantly, Mogilevliftmach takes into account the capacities of its customers. If the budget does not allow them to buy a rotor parking lot,

a dependent-type parking lot can be installed for two motor vehicles. In this case, the cars first leave the lower level, then the upper.

Or a similar option, but the lower car does not need to move out. Before a car gets to the higher level, it needs to go to a pivot platform, which rotates and lifts it automatically. Technically it is more complicated than a dependent-type parking lot. But owners of cars from the higher and lower levels can move more comfortably without impeding each other.

Do you need to accommodate three cars in the space for one? We have such an option – an independent three-level parking lot. A motor vehicle is parked onto a structure moving out of an area way. Then the system goes underground.

Therefore, Mogilevliftmach has gone a long way away from the plant founded in 1966, preserving its former power and traditions. The enterprise forges ahead, and continuously adopts breakthrough technologies, which helps it to compete successfully in the global market nowadays.



JSC Mogilevliftmach
42, Mira Ave.,
Mogilev, 212798,
Republic of Belarus
tel: (+375222) 740-833 fax
740-983; 740-971.
E-mail: liftmach@liftmach.by
<http://www.liftmach.by>



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