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NEW CRANES AND FORK LIFTS
SENT TO SOVIET CONSTRUCTION PROJECTS

IMPROVE FLOATING-CRANE DESIGN -- Riga, Sovetskaya Latvija, 20 Mar 51

The Riga Machine-Building Plant of the Ministry of the River Fleet USSR received an order after the war to put into production a floating grab-bucket crane for use in ports and at hydrotechnical construction sites.

The enterprise had had no experience in this type of production; furthermore, the plans drawn up by designers of Giprorrechtrans (State Planning and Designing Experimental Institute for River-Transport Machine Building) contained mistakes. The plant went ahead, however, making with its own resources the tools and fittings needed for the new production, and had the first model of the floating crane out by autumn 1948. By now the plant has built and shipped out dozens of these cranes, constantly improving their design with time. Cranes from the plant are now at work in Moscow, Leningrad, Arkhangel'sk, Khabarovsk, Rostov, Omsk, Kuybyshev, Novosibirsk, Petrozavodsk, Gomel', and many other river ports of the country.

The plant recently received an order to build and ship out four cranes for the Kuybyshev GES project.

NEW CRANES HELP BUILD CANAL -- Moscow, Ogonek, 25 Mar 51

The Khar'kov Construction-Machine Plant is putting out a new crane of 1.6-ton capacity, models of which are now at work on the Volga-Don canal project. The crane can lift a load to a height of 38 meters, swing it through 80 degrees, and deposit it at a point 25 meters away, effecting the lateral transfer in 30 seconds.

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SHIPS TOWER CRANES AHEAD OF SCHEDULE --- Moscow, Komsomol'skaya Pravda, 18 Mar 51

The Nikopol' Machine-Building Plant imen' Lenin has sent a consignment of belt conveyers to the site of the Stalingrad GES one month ahead of schedule. The plant has also been ahead of time in shipping a 3-ton tower crane to the Kakhovka GES.

Moscow, Izvestiya, 18 Mar 51

The Nikopol' Machine-Building Plant has sent a heavy tower crane to the site of the South Ukrainian-North Crimean Canal project.

SENDS HOISTS TO CANAL SITE --- Moscow, Izvestiya, 18 Mar 51

The Priluki Construction-Machinery Plant has sent ten vertical-boom hoists to the site of the South Ukrainian-North Crimean Canal project.

MINSK BUILDERS GET NEW MACHINES --- Minsk, Sovetskaya Belorussiya, 25 Mar 51

The Minsk Glavminskstroy [Main Minsk Construction?] Trust, engaged in extensive building operations in the city, has received construction machines from Molotov and Nikolayev. From Nikopol' it has received a number of vertical-boom hoists, which are used in feeding such items as bricks, mortar, and sheet metal to the buildings under construction. These hoists can raise building materials 30 meters.

The Minsk Repair and Machinery Plant, contributing its share, has developed a new plastering mechanism.

SPECIAL DEVICE TESTS ELEVATORS --- Moscow, Moskovskaya Pravda, 30 Mar 51

The Moscow Pod'yemnik Plant of the Ministry of Heavy-Machine Building has put out 25 elevators during the last 3 months. They will go to Moscow living quarters and administrative buildings, and to the buildings of the Moscow State University. Each of the new elevators goes through a thorough testing period in a special 35-meter stand, mounted in the yard of the plant.

NEW FORK LIFT GOES INTO SERIES PRODUCTION --- Moscow, Vestnik Mashinostroyeniya, Mar 51

A plant of the Ministry of the Maritime Fleet has begun series production of the new UPM-3 fork lift, which will replace the older UPM-2 on the production lines.

The UPM-3 is a four-wheel, pneumatic-tired machine, powered by a GAZ-M-20 motor. It is suitable for use at ports, in railroad warehouses, at construction projects, and for general industrial use.

Specifications are as follows:

Capacity (kg)	3,000
Dimensions (mm):	
Width	1,560
Length, not including forks	3,000
Length, including forks	4,200
Height, forks lowered	2,250

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Maximum height to which forks can be raised (mm)	3,000
Minimum turning radius, (mm):	
External	3,000
Internal	580
Wheel base (mm)	1,700
Tread, front and rear (mm)	1,330
Clearance (mm)	200
Dimensions of forks (mm):	
Length	1,200
Width	200
Thickness	50
Angle to which lift frame may be inclined from vertical (deg):	
Forward	4
Backward	13
Traversing speed (km/hr):	
Forward	1.5-18
Backward	1.8-22
Lifting speed (m/min)	10

EQUIP FORK LIFTS WITH CRANE RIG -- Moscow, Moskovskaya Pravda, 23 Mar 51

The Moscow Experimental Plant for Loading Machinery of the Ministry of Automobile and Tractor Industry is producing a fork lift which can raise a weight of 2.5 tons 8-9 meters with its crane rig, and lift 5 tons on the fork. Many of the machines, first put out in 1950, are working on construction sites, at stations, and at river ports.

The plant is now shipping these fork lifts to the site of the Kuybyshev GES.

FORK LIFTS WORK AT CANAL, GES SITES -- Moscow, Izvestiya, 24 Mar 51

The L'vov Avtopogruzhchik Plant is producing 3-ton fork lifts, some of which are now in operation at the sites of the Volga-Don Canal, and of the Kuybyshev and Leningrad GES.

NEW MOTOR TO WITHSTAND HEAT, SAND -- Moscow, Izvestiya, 24 Jan 51

The Barnaul Transport-Machinery Plant has completed an experimental model of a new motor for heavy transport machinery. It was especially designed to withstand the heat and sand of central Asia.

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