

Gazprom Neft reveals concept of robotic fuel station

Gazprom Neft has presented the concept of a robotic system for loading petroleum products into a fuel tanker truck at the Sheremetyevo International Airport.

The fuel filling process was automated with the help of a robot manipulator and implemented for the first time in Russia without the participation of personnel.

The robot manipulator is currently being tested for further implementation at airport fuel stations.

Gazpromneft-Aero and the Digital Innovations Center of Gazprom Neft in cooperation with the Central Research Institute of Robotics and technical Cybernetics developed this pilot project under an agreement signed at St. Petersburg International Economic Forum 2018.

The introduction of robotic technologies is one of the stages in the implementation of automated process control at the modern Gazprom Neft fuel station. The technologies that form the basis of robotic manipulators provide maximum efficiency and safety, according [Aviation Pros](#).

“Gazpromneft-Aero is the technological leader of the Russian jet fuel industry. The introduction of advanced control systems, robotic solutions and online accounting of the flow of petroleum products at all logistic stages from receiving the fuel to ‘wing-tip’ refueling allows us to improve the business operational efficiency and ensure the competitiveness of the company in the market,” emphasized Vladimir Yegorov, CEO of Gazpromneft-Aero.

The next step in the implementation of the project will be the integration of a robotic system into the overall automated process control system of the Gazpromneft-Aero fuel station.