

The AnyLogic Material Handling Library for New Disruptive Technologies of Industry 4.0

A workshop built around the new AnyLogic Material Handling Library that simplifies the simulation of complex manufacturing systems and operations. The library can be used to design detailed models of production and storage facilities and manage material workflows inside their 'four walls'. A digital factory model, created with the material handling simulation toolkit, can help test and optimize production, transportation, and inventory policies, as well as reduce possible errors while also introducing innovations to existing operations, or integrating modern technologies.

In conveyor network models, created with the Material Handling Library, users can apply default or custom routing strategies for material items, industrial robots, manufacturing machines, and operators. Simulated AGVs and other transporters automatically avoid collisions, detect possible deadlocks, and resolve them. See it in action and find out more.