



Intralogistics Training Station

A modular intralogistics training station designed to help students learn warehouse automation and internal transport processes. Each module can operate independently or be integrated into a single system. The software is easy to use, and all scenarios are ready to run without any additional programming or setup. Every learning scenario has been developed in collaboration with industry experts to reflect real-world applications. At the same time, the platform supports skill development in automa...

Module	Contents	Learning process
ST10 - Dispatch & Identification	Two gravity-fed storage bins, two belt conveyors, RFID readers, and a detection gate that differentiates part types.	Initiation of training scenarios by dispatching and sorting items for further processing. Used to practice identification (RFID/sensors) and routing logic.
ST20 - Surface Storage	Cartesian manipulator that picks and places items on a flat storage area or onto conveyors.	Exercises in programming X, Y and Z axes and in managing storage operations in surface-level storage systems.
ST30 - Collaborative Robot	UR5 cobot equipped with an RG2 gripper.	Programming of collaborative robots, Picking and placing goods onto a mobile platform (pallet) or any designated location in the system. Observing and practicing palletizing/depaletizing applications.
ST40 - High-bay warehouse	Three-axis stacker crane (X, Y and a pneumatic Z axis with gripper) plus a transfer manipulator linking this station to the rest of the system.	Automatic storage in 20 available locations and demonstration of AS/RS solutions.