

Automated Storage Unit



In order to automate your research facility, various systems can be integrated.

WPS provides a wide range of systems for process automation. Our expertise includes the automation of greenhouses for production purposes, as well as for research and development facilities, such as those used by breeders, universities and crop protection product developers.

In research facilities, benches are widely used for transporting and/or growing plant trays. WPS has developed an Automated Storage Unit (ASU) for the automated placement of benches in the designated locations within a growth chamber. The ASU picks up the provided benches and transports them to their correct positions. Additionally, the benches can be automatically extracted from the growth chamber for inspection.

To assess the growth of plants in the growth chamber, an advanced 3D line scanner can be integrated into the ASU. This scanner captures images of the bench during the pickup process, allowing for automated checks to ensure the optimal growth of the plants.

