

# Deposit Waste 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.

For the automation of research facilities, we often utilize special plant carriers, which are dedicated holders designed to facilitate the proper transportation of plants through the system. Additionally, these plant carriers are equipped with an RFID tag that enables the monitoring of each individual plant.

After running an experiment on the plant, the plant itself is no longer needed and only the data is retained. The system allows for the automated removal of the plant, facilitated by the Deposit Waste Unit (DWU) from WPS.

The plant carriers move through the DWU, and once a sufficient number of plant carriers are placed in the DWU, the frame of the DWU tilts. This action tips the plant, including its pot, into a waste bin. After tilting back, the remaining plant carriers continue moving to a location in the system where new experiments with plants can once again be linked to the plant carriers.

