

# Plant Spray 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.

The Plant Spray Unit (PSU) is used for watering of trays or pots. A conveyor belt transports trays or pots beneath the spray mechanism of the PSU. An integrated pulse counter and timing switch tracks the location of the tray or pot and communicates to the PSU when it should employ the water nozzles. Any excess water is subsequently collected and discharged.

The PSU consists of a stainless steel housing and an individual conveyor belt with a drive unit and motor. The PSU is controlled via its own PLC (programmable logic controller).

