

Other innovations for crop protection sprayers

LED lighting for the entire production programme

LED individual nozzle lighting, which is exclusive to AMAZONE and that has up until now only been available on Super-L booms, is, with immediate effect, also available on Super-S booms. With a new design, these high class LED spotlights ensure the perfect illumination of the nozzles in the dark.

AutoTrail steering for ISOBUS sprayers

Since the beginning of this year, all single-axled, ISOBUS equipped trailed sprayers (UG and UX) are being delivered with the new AutoTrail steering system. A wheel speed sensor on the tractor provides the signal to steer the sprayer.

However, as an option, AutoTrail steering can now also be equipped with a tilt sensor for fully automatic slope compensation. This functions with both axle steering and drawbar steering. As the steering angle, depending on severity of the terrain, possibly has to be adjusted, the intensity of the setting can be altered at any time via the joystick. One particular help offered by AutoTrail is that, in and around tight yards, the drawbar steering can also be released when the booms are folded in.

Expanded DistanceControl functionality for AMABUS crop protection sprayers

The well-known DistanceControl automatic boom height control system for UF, UG, UX and Pantera is now significantly more intelligent on the headland: If the automatic GPS-Switch part-width section control is activated, the boom is fully automatically lowered prior to switching on the nozzles. The subsequent exact application from the right height ensures the perfect coverage and minimises the danger of drifting. As the ISOBUS standard does not yet support this function, this function is only actually available on AMABUS machines. The international standardisation bodies, however, will surely soon deal with this topic.

UX Special with 380 l pump capacity

This improved pump capacity will surely help the UX Special find new customers. The Altek pump equipment, giving 380 l/min capacity, now makes it possible to fit a 30 metre Super-L boom to the UX 4200 Special. In addition to the 30 metre boom, this increased capacity is of particular interest to potato growers who now have sufficient agitation capacity with 27 metre booms and high application rates. The recommended agitation capacity of 5% of the tank volume is now safely possible, even at increased forward speeds.

