

Innovations UX 11200

Following on from the introduction of the UX 11200 flagship sprayer at Agritechnica 2011, many interesting additions are now available for innovative end users.

Traction compensator for the UX 11200

Even after just the first year of production, many farmers are already appreciating the capacity increase of the UX 11200. Now the UX 11200 can be specified to travel better in difficult sloping terrain: The traction compensator in the hydro-pneumatic axle suspension enables a temporary increase of the drawbar support load from 3 to 4 t with a filled machine. When the machine is partly filled, the support load increases by up to 30%. This is possible due to a setting valve in the hydraulic system which controls the level of pressure in the suspension of both axles.

Intelligent, hydraulic pump drive

The pump drive, hydraulics for the boom functions and the DoubleTrail steering system consequently require a Load-Sensing system on the tractor. This means that all the functions are operated extremely comfortably via an ISOBUS terminal. The specific innovation is the automatic setting of the pump speed, depending on the operational situation. When operating in the field, the pump runs at a gentle 480 rpm; sufficient capacity for the agitation and normal application rates. Whilst travelling on the road, the pump speed is automatically reduced to 400 rpm as the only demand is for a supply to the agitation. When filling via the suction hose, then the full pump capacity is provided by increasing the speed to 540 rpm. All the values are pre-selected once by the user but it is also possible to change them at any time. This system takes pressure off from the driver and also ensures an especially gentle treatment of the pump and, in this way, also a long service life of the diaphragms.

HighFlow option

Now the UX 11200 can also be equipped with the HighFlow option so that it is possible, when liquid fertilising or in vegetable crops, to apply particularly high application rates (1,000 to 2,000 l/ha) yet at normal forward speeds.

