



AMAZONE

Trailed sprayer ***UX Super***



**Welcome to the world of high
performance precision in plant protection:
UX Super from AMAZONE**



	Page
1. Machine concept and overview	4–5
2. Advantages and features at a glance	6–7
3. Layout: Booms, tanks, pumps, SmartCenter, DirectInject, sprayer switching for precision farming, nozzles, operation and control	8 – 62
4. Models	64–83
5. Optional equipment	84–85
6. Technical data	90 – 91



Become a master of plant protection with the UX Super from AMAZONE

As much as necessary, as little as possible. Weighing up the benefits and costs of chemical plant protection from an ecological and economic perspective is the basis for economic success in agriculture and the sustainable production of high-quality food.

In order to meet the demands of this challenging balancing act, the utmost precision is required in the application of plant protection agents. This reduces the quantities used, prevents drift and secures yields.

The technical solutions offered by the UX Super from AMAZONE bring precision farming to your field. Whether individual nozzle control, band application or spot spraying, active boom guidance or direct injection, the UX Super enables you to manage your crops with maximum precision, maximum efficiency and maximum comfort – for good yields and high profitability.

The UX Super concept

High-output precision to meet every agricultural challenge

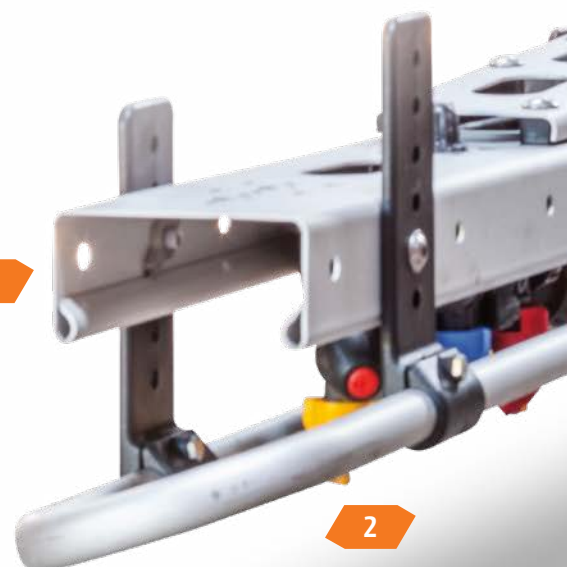
1. DUS and DUS pro pressure recirculation systems for continuous circulation of the spray agent
2. 50 cm part-width sections, 25 cm nozzle spacing and optimum nozzle selection thanks to electric individual nozzle control AmaSwitch plus and AmaSelect



❗ "Spraying in the Champions League"
("profi" - "Practice test Amazone UX 4201 Super" 02/2020)

1

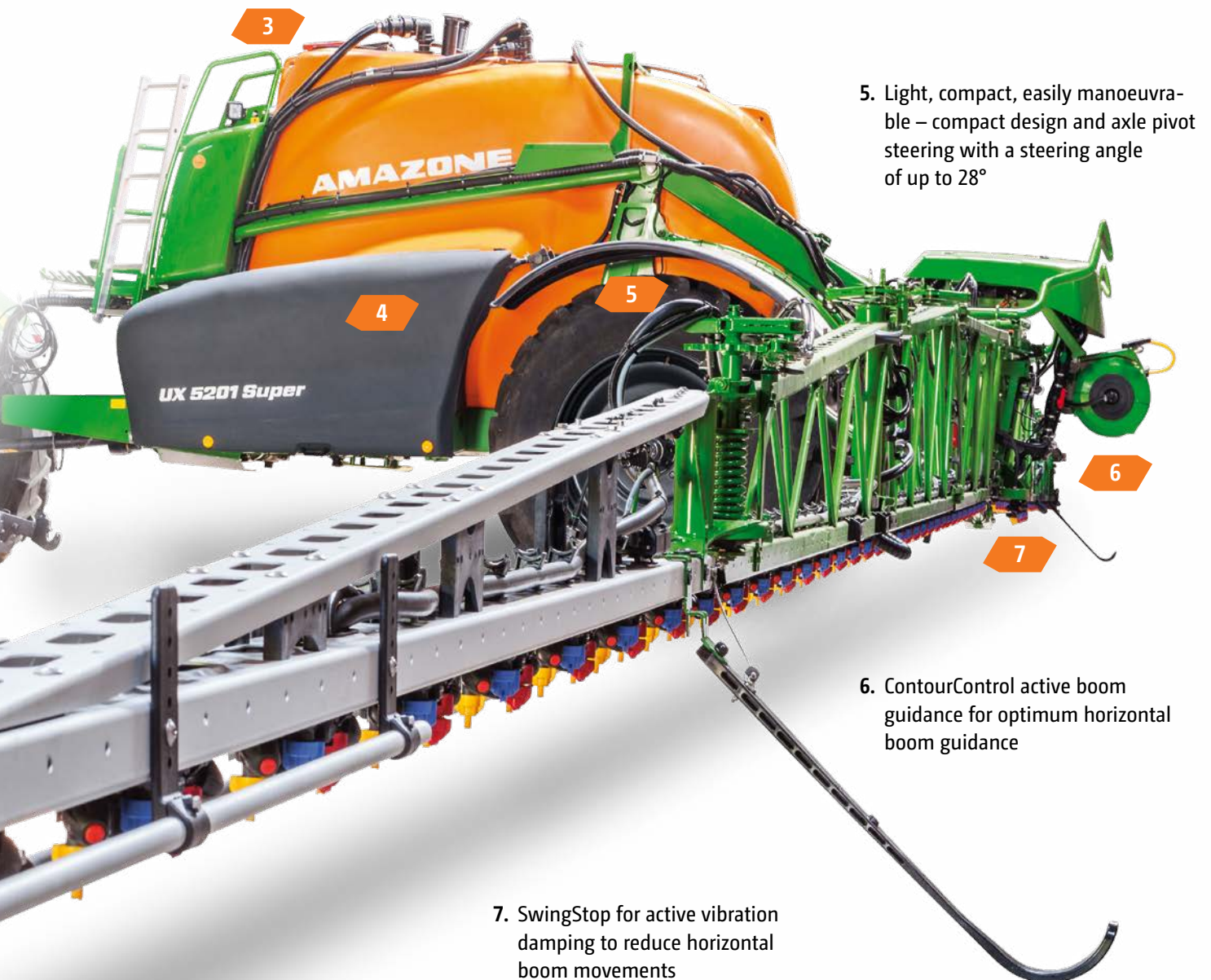
2



	UX Super		
Model overview	4201 / 5201 / 6201	7601 / 8601	11201
Boom width	21 to 48 m	21 to 48 m	30 to 48 m
Nominal volume	4,200 to 6,200 l	7,600 or 8,600 l	11,200 l
Pump capacity	520 l/min (2 x 260 l/min)	650 l/min (1 x 300 + 1 x 350 l/min)	700 l/min (2 x 350 l/min)

3. A low transport height and compact transport dimensions are provided by an innovative tank and boom design

4. SmartCenter: tailored operating solutions – from the intuitively operated Standard-Pack to the Comfort-Pack plus with a pressure-sensitive touch screen.



5. Light, compact, easily manoeuvrable – compact design and axle pivot steering with a steering angle of up to 28°

6. ContourControl active boom guidance for optimum horizontal boom guidance

7. SwingStop for active vibration damping to reduce horizontal boom movements

UX Super trailed sprayer



AmaSelect Row

Precise row-specific application



DirectInject

Addition on demand of another plant protection agent



PRODUCT FILM
UX 7601 Super



DOWNLOADS
mySprayer App



SMARTLEARNING
www.amazone.net/smartlearning



FURTHER INFORMATION
www.amazone.net/ux-super



21 m – 48 m



4,200 l to
11,200 l



7 to 96
part-width sections



520, 650 or
700 l/min
pump capacity

The UX Super trailed sprayer with tank capacities from 4,200 l to 11,200 l is distinguished by its extremely user-friendly operating concept. The Super-L2 and Super-L3 booms are available in widths from 21 to 48 m and stand out on account of their first-class boom guidance. Thanks to the level of high-performance equipment offered, the UX Super trailed sprayer ensures maximum efficiency at an unprecedented output.

Precise!

Precise and resource-saving plant protection treatment with part-width section control or individual nozzle control for minimal overlapping in wedge-shaped fields, uniform application on bends, band spraying or small-area spot application.



PRECISION

DistanceControl automatic boom guidance and ContourControl with SwingStop or SwingStop plus prevent over-application and under-application by ensuring an extremely smooth boom ride, even in difficult terrain and at high application speeds.



COMFORT

User-friendly!

The SmartCenter operator station with a high-capacity induction bowl and 7-way pressure tap or touch terminal for intuitive and safe operation.

Automatic cleaning programmes for perfect results under any conditions.



OUTPUT

High performance!

High-capacity, self-priming and low-maintenance piston diaphragm pumps with a total delivery capacity of up to 700 l/min guarantee minimal filling times and also enable high application rates of up to 400 l/min at high spray pressures.

Both the DUS and DUS pro pressure recirculation systems guarantee reliable circulation and an even application of the spray agent across the entire boom width from the very first metre.

For maximum impact

The UX Super booms





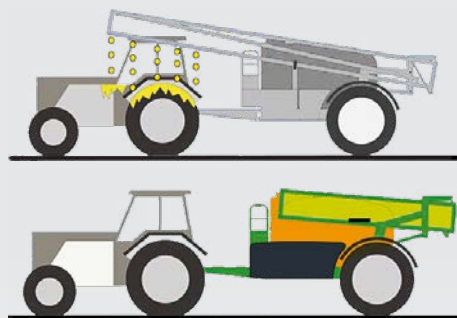
Booms in an aircraft wing design



Super-light, super-stable and super-compact at the same time

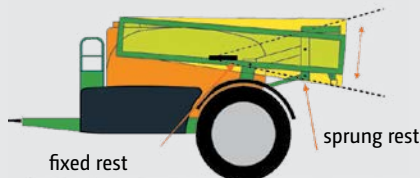
Thanks to the special profile design, AMAZONE booms are at the same time superbly light and superbly strong. Boom widths from 21 to 48 m allow optimum adaptation of the sprayer to the farm structure. The exceptional high quality ensures a long operational life even over very high acreages. The compact transport dimensions with transport widths from 2.40 m also contribute to safe transport on the road.

AMAZONE booms

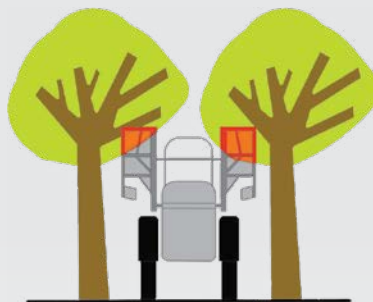


- ✓ No spray agent from the booms drips on to the tractor. The booms also do not hit the tractor cab.

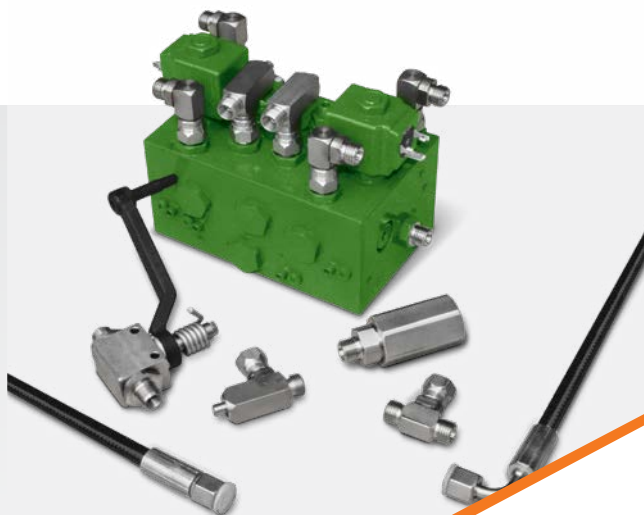
Sprung damping of the boom during transport



- ✓ Everything is shipshape: The boom is located safely without movement in the transport position. The parallelogram suspension dampens shock loads in the field as well as in the transport position. This is pure comfort and, above all, ensures the long service life of the boom.



- ✓ Focusing on the essentials: the road in front of you
You can concentrate entirely on driving. The visibility in road transport is exemplary. Where the tractor can get through then the trailed sprayer can also pass. No protruding parts, no boom damage.

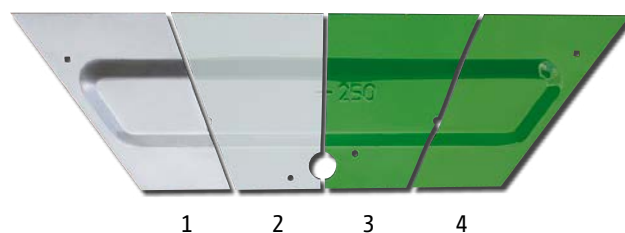


- ✓ The hydraulic fittings made from stainless steel ensure a long service life and a high resale value.

High-quality, multi-layer paint

A high-quality multi-layer paint finish guarantees top quality that lasts

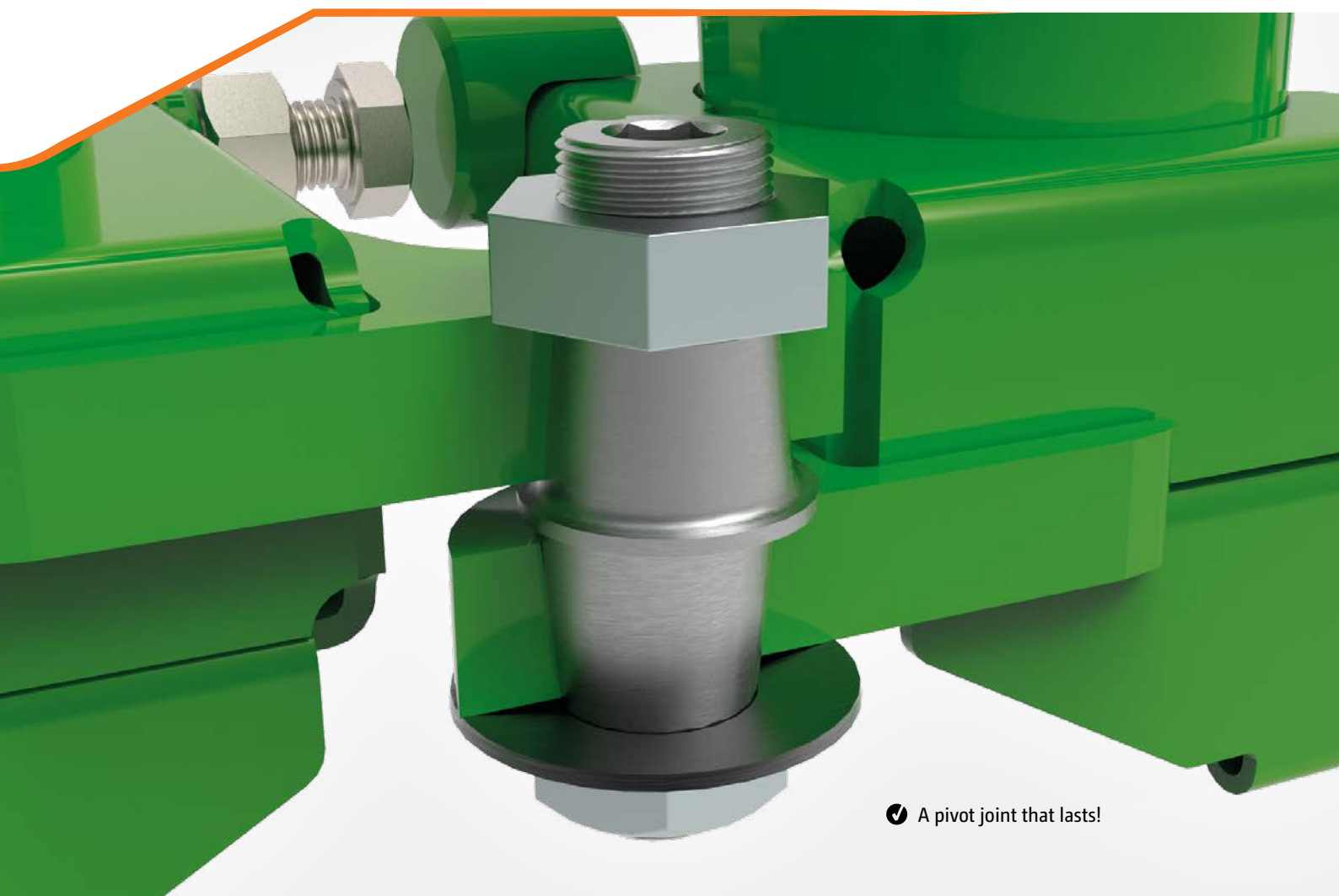
- 1) Sheet steel
- 2) Zinc phosphate (galvanising layer)
- 3) CDP priming
- 4) Top coat



Maintenance-free and with a long service life

The decades of experience in boom design pays off: the conical hinge pin is the intelligent centre of a well thought-out boom philosophy! The boom pivot points self-adjust against any play on the conical hinge pins, thus ensuring an optimal boom function for the operator, even after many years.

The standard use of stainless steel, the use of automotive-industry standard, cathodic dip painting process and the targeted use of plastics and aluminium are the perfect guarantee of a long service life.



- ✓ A pivot joint that lasts!

Super-L booms

Super-stable, super-light and super-compact



The 4-fold damped Super-L booms – a smooth boom ride and precise application as standard

Thanks to the central pendulum suspension, the Super-L booms are guided with ease. In addition, the combined spring and damping elements provide an enormous reduction in any potential vertical movement. Also any horizontal pivoting movements are kept to a minimum by the integrated damping system so that, for all AMAZONE booms, optimum work results are achieved.

Super-L2 boom in boom widths from 21 to 36 metres

The special AMAZONE profile design of the boom provides maximum stability with a low weight. The inner boom sections of the Super-L boom are made of steel. The outer boom sections are manufactured from aluminium to keep the total weight down to a minimum. The advantage of the

light-weight outer boom sections is that only a little amount of extra weight has to be guided smoothly over the crop on the outside. Smooth boom guidance at the boom ends is extremely important, especially in the case of large working widths.

❗ "In the premier league: the Amazone UX 4201 Super with ContourControl is top of the class in terms of handling and boom guidance".

("profi" - "Practice test Amazone UX 4201 Super" 02/2020)

UX 11201 Super with 36 m Super-L3 boom

**The benefits:**

- ✔ a particularly long central pendulum system means easy parallel guidance of very wide booms
- ✔ combined spring and damping elements for shock-dampening the suspension against vertical forces
- ✔ integrated damping system consisting of braking plates and buffer blocks to damp down the horizontal yaw movement

Super-L2 boom suspension

Rams for the boom tip angling

Spring damping system for reducing the vertical swing movement

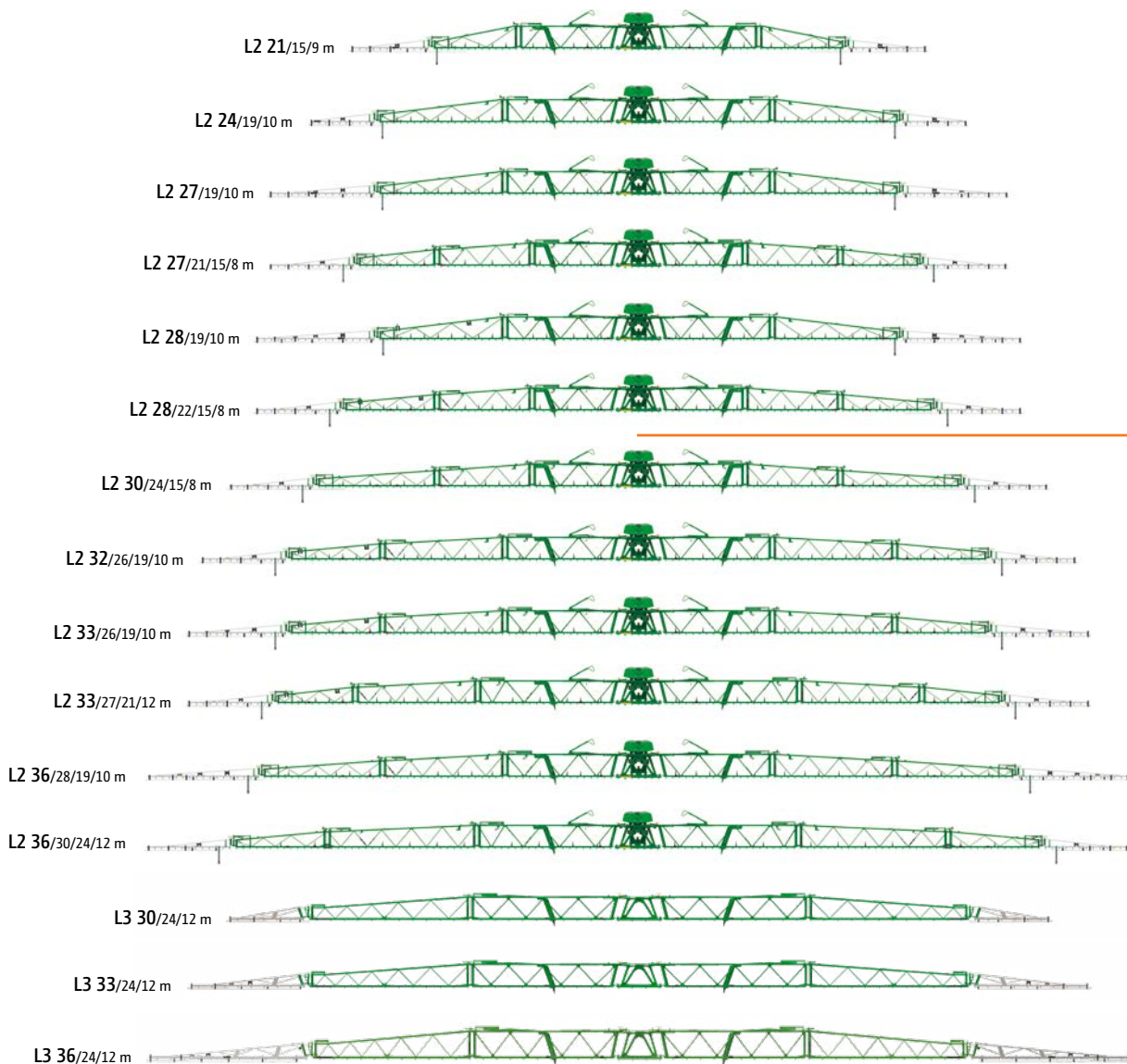
Overview of the Super-L booms

For boom widths up to 36 m

Super-L2 booms with boom widths from 21 to 36 metres

Superbly narrow transport width of just 2.40 m on all three-fold Super-L2 booms in boom widths of 21, 24, 27 and 28 m. Amazing transport width of only 2.60 m on all

four-fold Super-L2 booms in boom widths of 27, 28, 30, 32, 33 and 36 m (UX 6201: 2.80 m). The transport width of the Super-L3 booms is up to 3.00 m.



For the UX 4201 Super, UX 5201 Super, UX 6201 Super, UX 7601 Super and UX 8601 Super

For the UX 11201 Super



Super-L2 boom with a width of 36 m, folds down to 30 m, 24 m and 12 m

Overview of boom guidance up to boom widths of 36 m

Model	UX Super				
Folding	Profi-fold 1	Flex-fold 1	Flex-fold 2	Flex-fold 1	Flex-fold 2
Automatic boom guidance (option) Number of relevant sensors	DistanceControl (plus)			ContourControl	
	2 (4)			4	6
Number of spool valves	1 single-acting + free flow return / Load-Sensing system				
Sprayer boom folding in and out	controlled remotely (terminal)				
One-sided, independent boom fold	controlled remotely (terminal)				
Folding in to a reduced working width	remote control	automatic			
Break back protection at reduced working width	Option	Standard			
Time for the folding procedure	normal	quick		very quick	
Height adjustment	remotely controlled (terminal) / automatic with DistanceControl or ContourControl				
Boom lift on the headland	remotely controlled (terminal) / automatic with DistanceControl or ContourControl				
Adjustment of tilt	remotely controlled (terminal) / automatic with DistanceControl or ContourControl				
Independent / both-sided positive boom angling	–		automatic	–	automatic
Negative boom angling of one side / both sides	–				automatic
Active horizontal boom tip swing compensation (option)	–			SwingStop	SwingStop
Boom guidance (overall view)	good			excellent	excellent
Recommendation for working widths	–			> 30 m	
Recommendation for operating speeds	medium			extremely high	extremely high
Recommendation for ground conditions	level		hilly	level	hilly
Recommendation for working width change	little	often			

The folding options for the UX Super

Profi-fold or Flex-fold for boom widths up to 36 m

Profi-fold

All the hydraulic functions can be carried out safely and simply via the ISOBUS terminal in the tractor cab. The multi-function joystick makes handling particularly comfortable.

Profi-fold 1

The following functions are possible:

- ✔ Height adjustment
- ✔ Folding in and out
- ✔ One-sided, independent fold at reduced forward speed (max. 6 km/h)
- ✔ Boom width reduction
- ✔ Tilt adjustment

Flex-fold

AMAZONE offers two electro-hydraulically actuated boom fold options, Flex-fold 1 and Flex-fold 2. Each boom folding joint is equipped with an electro-hydraulic valve block that is directly controlled by the machine software. This enables faster folding procedures. As soon as the first boom section has been folded out or folded in by approximately 70%, the next boom segment begins to fold in or out.

Flex-fold 1

In addition to the benefits already outlined, Flex-fold 1 provides the following extra functions:

- ✔ Height adjustment
- ✔ Folding in and out
- ✔ One-sided, independent fold at reduced forward speed (max. 6 km/h)
- ✔ Boom width reduction
- ✔ Tilt adjustment

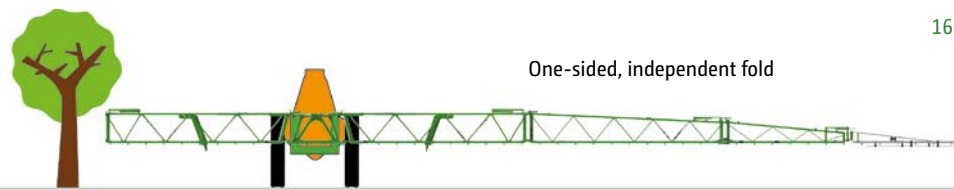
Flex-fold 2

In addition to the advantages mentioned previously, Flex-fold 2 offers the following functions:

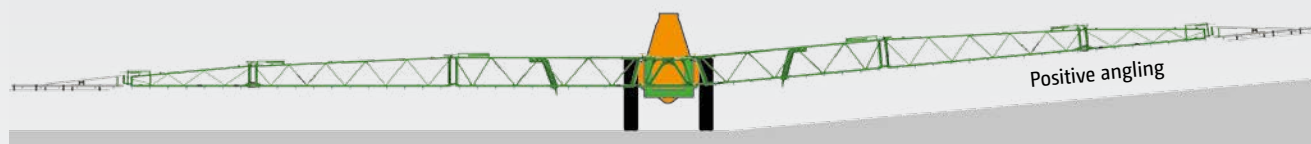
- ✔ One-sided/both-sided boom angling
- ✔ One-sided/both-sided boom tip angling

Benefits of Flex-fold:

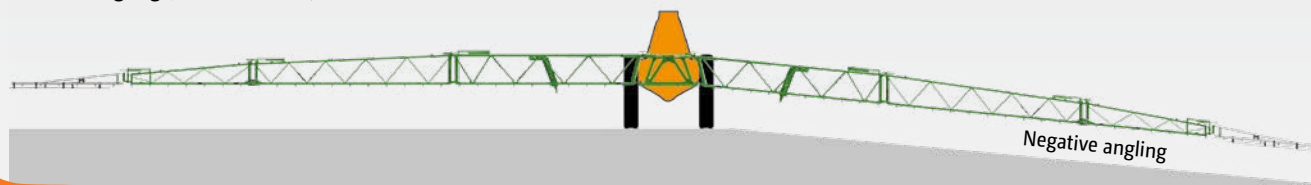
- ✔ Shorter turn-round times through quicker folding
- ✔ Easy boom width regulation



One-sided independent fold (via Profi-fold 1 or Flex-fold)



Positive angling (via Flex-fold 2)



Negative angling (via Flex-fold 2 in combination with ContourControl)

Individual user profiles for reduced working widths

Via the user profiles in the machine software, individual profiles that recognise a reduced working width can be stored. For example, if a 33/27/21 m boom is to be folded out to only 27 m, this can be carried out quickly and easily via a profile change. After folding out has been completed, the active boom width is automatically detected and the outer nozzles are automatically deactivated via AmaSwitch plus or AmaSelect. For Section Control, the working width is automatically stored.



- ❗ "To speed up the folding procedure, AMAZONE has replaced the simple sequence control by a sensor-controlled process. With this we clocked a quick 19 seconds for folding out and 27 seconds for folding in – great!"

("profi" – Test report Amazone UX 5201 Super - 10/2017)

Consistent distance between boom and crop

DistanceControl boom guidance for boom widths up to 36 m

AutoLift – the comfortable automatic headland system

AutoLift automatic boom lift (standard equipment) lifts the boom to the pre-selected height every time the machine is switched off.

It lowers back down again to the target height when the sprayer sections are switched on. This reduces the risk of damage to the boom while turning on the headland.

DistanceControl or ContourControl? Decide for yourself!

The AutoLift automatic headland system and the DistanceControl and ContourControl automatic boom guidance systems offered by AMAZONE provide the right solution for every need. Just utilising the standard AutoLift already provides convenient assistance. The fully automated DistanceControl boom guidance leaves the boom control almost completely in the hands of the machine.

The innovative ContourControl boom control is AMAZONE's high-end solution, ideal for customers with difficult terrain conditions. In addition to fully automated height guidance, ContourControl also offers active boom tip swing compensation for the boom. ContourControl satisfies the demand for higher accuracy, even at faster forward speeds.

DistanceControl with 2 sensors or DistanceControl plus with 4 sensors

AMAZONE offers for Super-L booms, either DistanceControl fully automated boom control with 2 sensors or DistanceControl plus with 4 sensors. If the crop height varies greatly, or there are areas with partially lodged grain, the boom could dip into the crop if is equipped with only 2 sensors. In this case, equipping the boom with four sensors prevents this. The sensors are electrically connected in parallel and so it is always the sensor that is closest to the target surface that is sensing.

Benefits of the DistanceControl boom guidance

- ✔ Fully automatic boom guidance including boom height, tilt adjustment and boom lifting on the headland
- ✔ Automated simultaneous boom angling (in combination with Flex-fold 2)

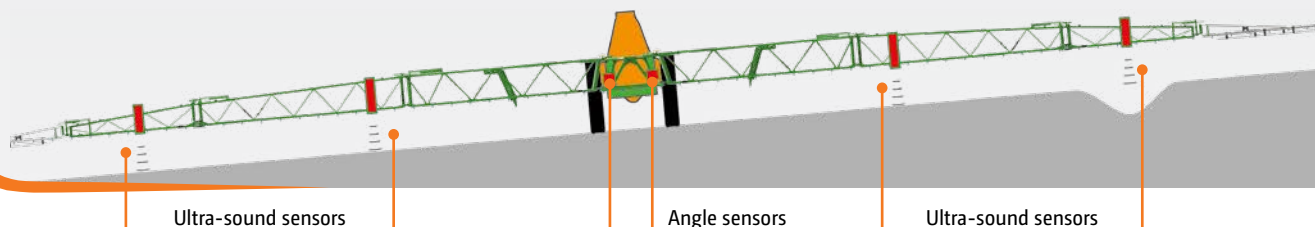
Working height



Headland height



✓ AutoLift – the comfortable automatic headland system



✓ DistanceControl plus

The driver concentrates on applying the correct plant protection, and the computer on optimum boom guidance!

✓ Automatic boom lowering with GPS-Switch

With GPS-Switch, boom lowering begins even before entering the area to be treated. This means that the boom is already at the correct working height when the nozzles come on. The only requirement for this function is a field boundary saved in the GPS-Switch display in the AMAZONE ISOBUS terminal.



A smooth boom ride in difficult conditions

ContourControl active boom guidance system and SwingStop swing compensation system for boom widths up to 36 m

ContourControl – Reduces those vertical boom movements

With the ContourControl active boom guidance system, AMAZONE offers a fully automatic boom guidance system for boom widths from 21 m. This meets the increasing demand for higher precision during application owing to the minimal deviations in the distance from the target surface, even at high forward speeds and large working widths. ContourControl can be used with Super-L booms in conjunction with either Flex-fold 1 or Flex-fold 2.

The basis of the new boom guidance system is a highly responsive electro-hydraulic system and 4 sensors, or as many as 6 sensors in combination with Flex-fold 2, which enable both automatic positive and negative angling.

The benefits of ContourControl:

- ✔ Optimum lateral distribution
- ✔ Precise, super-fast automatic height guidance
- ✔ Target surface distance below 50 cm – less drift
- ✔ Very quick folding processes
- ✔ Higher accuracy at faster working speeds
- ✔ Elegant boom control for those wider working widths

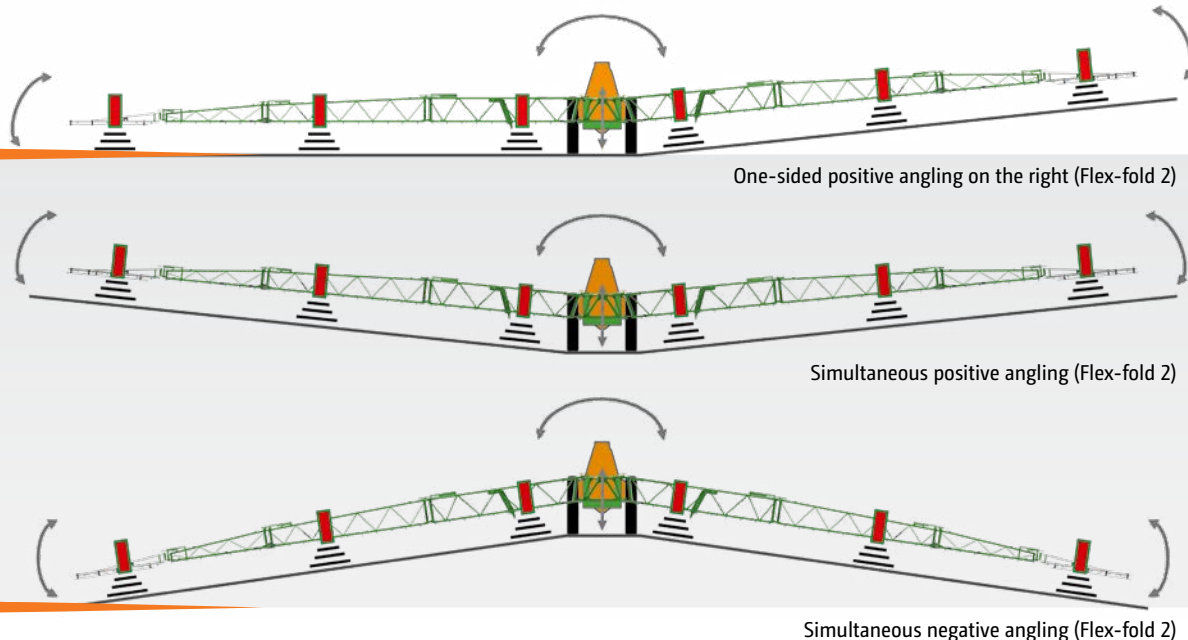
SwingStop – For reducing horizontal boom movement

In order to tailor the horizontal boom ride to the growing demands, e.g. wider working widths and higher forward speeds, AMAZONE offers SwingStop active boom tip swing compensation as an option for the ContourControl boom guidance system. By external influences, such as ground undulations, driving round bends, acceleration and deceleration and increasing operating speeds, the boom is under extraordinary strain in the horizontal plane. This may result in the boom ends swinging back and forth and thus negatively affecting the lateral distribution at the outer ends of the booms.

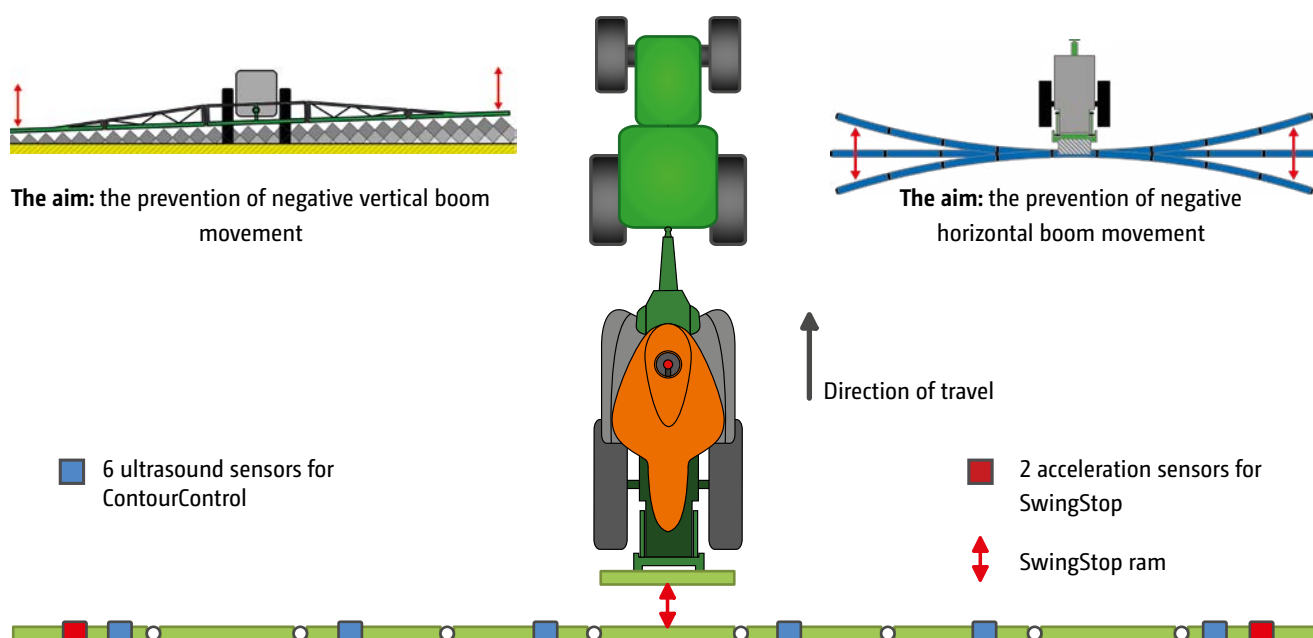
Since horizontal movement occurs more at the boom ends, this effect is amplified by large boom widths. To reduce this horizontal tip swing effect, SwingStop measures, via acceleration sensors, the resulting acceleration at the boom ends. The two actively operating hydraulic rams in the boom suspension compensate live for these swing movements and in this way provide a very smooth horizontal boom ride.

The benefits of SwingStop:

- ✔ Optimum longitudinal distribution
- ✔ Reduction of the horizontal boom movement for a very smooth boom ride
- ✔ A system which operates very quickly and precisely, even at high working speeds
- ✔ Highest performance and outstanding precision



SwingStop: simultaneously quick and precise



- ❗ "A total of six ultrasound sensors take care of the height guidance of the parallelogram frame, the adjustment of the slope compensation and the control of the boom angling (positive and negative). It is fantastic in hilly terrain, particularly when it comes to being able to spray quicker and with the boom closer to the target surface."

("profi" - "Practice test Amazone UX 4201 Super" 02/2020)

- ❗ "And now when it comes to the keyword "fast", then "SwingStop" also comes into play: This is an active, hydraulic control system with acceleration sensors in the ends of the boom which counteracts horizontal swinging - and does so before any movement visible to the eye occurs."

("profi" - "Practice test Amazone UX 4201 Super" 02/2020)

Overview of the Super-L3 booms

For boom widths from 39 to 48 m

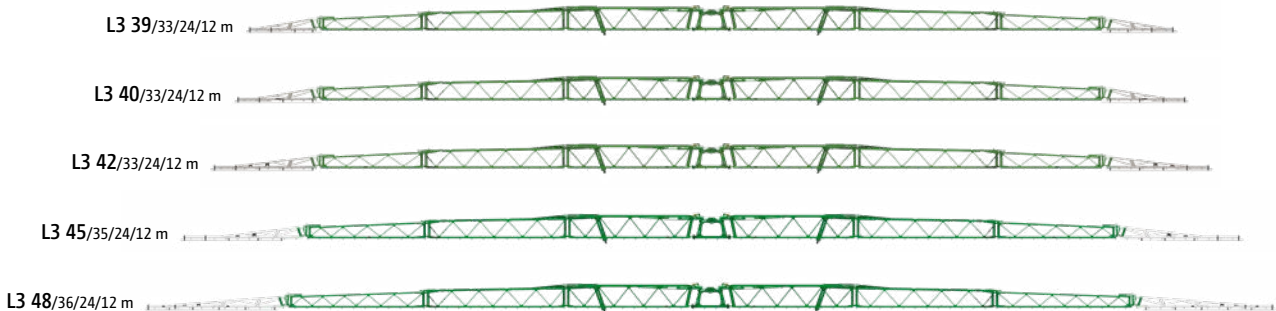
Super-L3 boom in widths from 39 to 48 metres

For maximum stability and a low nett weight, the profiles of the penultimate section of the Super-L3 boom are made of aluminium for boom widths of 45 m and of carbon fibre for boom widths of 48 m.

Always the best level of equipment

The Super-L3 booms from 39 m and upwards are equipped as standard with ContourControl active boom guidance, SwingStop plus boom tip swing compensation and either AmaSwitch plus or AmaSelect individual nozzle control with DUS pro.

The over-engineered boom sections, with hydraulically pressurised break back joints in the boom ends, ensure an absolutely smooth boom ride under any conditions. If any vibrations caused by cornering or acceleration occur in spite of the massive design, they are directly reduced by SwingStop plus.

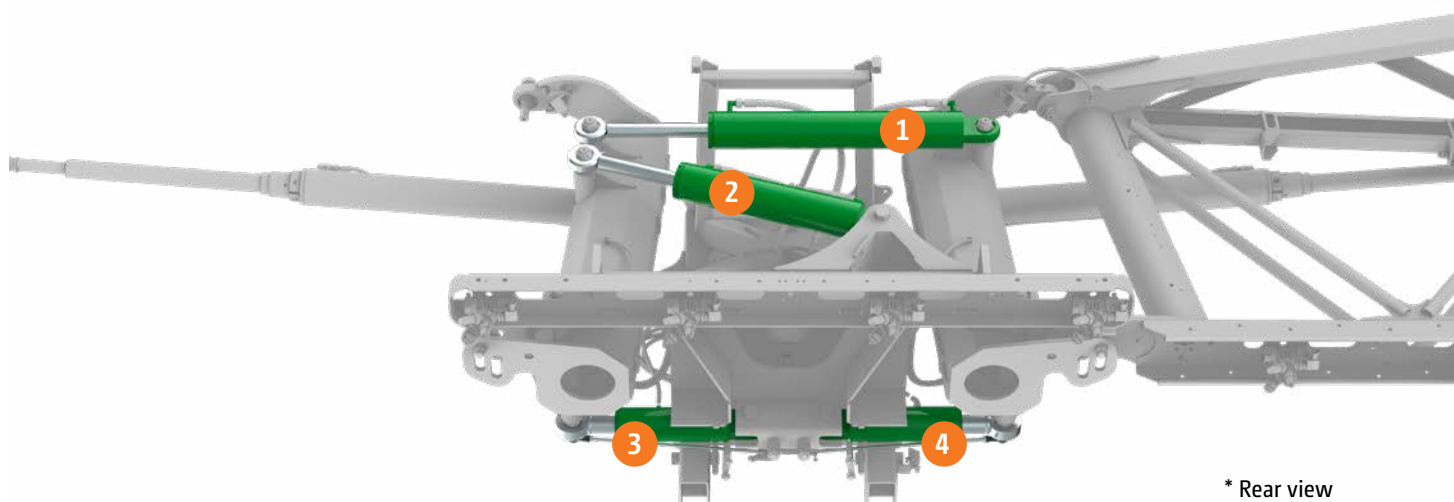


For all UX 01 Super models



The hydraulically pressurised overload safety device on the boom end (which works like the saloon door principle) can break backwards, forwards or upwards and ensures a reliable return to the working position and a long service life – standard on all Super L3 booms.

Super-L3 boom suspension *



* Rear view

Swing compensation system of the Super L3 boom from 39 m – view from below

- ① First positive angling cylinder: positive and negative angling of the right-hand boom section
- ② Second positive angling cylinder: positive and negative angling of the left-hand boom section in conjunction with the first positive angling cylinder
- ③ SwingStop plus cylinder, left: active swing compensation of the left-hand boom section
- ④ SwingStop plus cylinder, right: active swing compensation of the right-hand boom section

Flexibly folded

Flex-fold 2 from 39 m

Flex-fold 2

Booms with widths of 39 m or more are equipped with Flex-fold 2 as standard. Each boom folding joint is equipped with an electro-hydraulic valve block that is directly controlled by the machine software. This enables faster folding procedures. As soon as the first boom section has been folded out or folded in by approximately 70%, the next boom segment begins to fold in or out.

Benefits of Flex-fold:

- ✔ Shorter turn-round times through quicker folding
- ✔ Easy boom width regulation

In addition to the benefits already outlined, Flex-fold 2 provides the following extra functions:

- ✔ Height adjustment
- ✔ Folding in and out
- ✔ One-sided, independent fold at reduced forward speed (max. 6 km/h)
- ✔ Boom width reduction
- ✔ Tilt adjustment
- ✔ One-sided/both-sided positive boom angling
- ✔ One-sided/both-sided negative boom angling

Overview of boom guidance for boom widths from 39 m

Model	UX Super
Folding	Flex-fold 2
Automatic boom guidance	ContourControl
Number of relevant sensors	6
Number of spool valves	Load-Sensing system
Sprayer boom folding in and out	controlled remotely (terminal)
One-sided, independent boom fold	controlled remotely (terminal)
Folding in to a reduced working width	automatic
Break back protection at reduced working width	Standard
Time for the folding procedure	very quick
Height adjustment	automatic
Boom lift on the headland	automatic
Adjustment of tilt	automatic
Independent / both-sided positive boom angling	automatic
Negative boom angling of one side / both sides	automatic
Active horizontal boom tip swing compensation	SwingStop plus
Boom guidance (overall view)	excellent

SwingStop plus

The right solution for every requirement



Swing compensation system for L3 booms from 39 metres

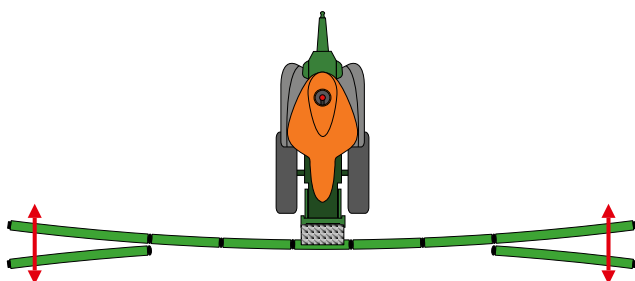
SwingStop plus – independent boom tip swing compensation for both halves of the boom

A new swing compensation system is used with Super-L3 booms in boom widths from 39 m which includes the new SwingStop plus boom tip swing compensation. This offers the well-known advantages of SwingStop but differs in that the movements of the two halves of the boom are hydraulically damped independently of each other in the direction of travel. This provides an even better basis for optimum longitudinal distribution of the application.

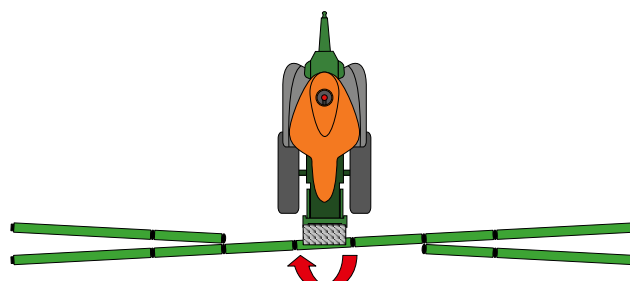
Reducing symmetrical and asymmetrical vibrations

SwingStop plus can compensate for symmetrical oscillations which occur through acceleration and braking extremely effectively. The new design of the swing compensation system now permits the individual control of either boom half. In SwingStop plus, each boom section is equipped with a hydraulic cylinder which actively counteracts any oscillations which occur in that boom half. This means that even asymmetrical boom oscillations which occur after negotiating bends are effectively reduced.

Symmetrical oscillation
mainly during field work



Asymmetrical oscillation
mainly during and after bends

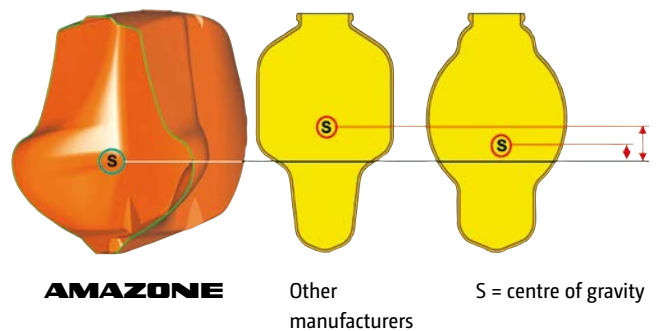


Light – compact – easily manoeuvrable



Low centre of gravity

The design of the UX tanks along with the compact AMAZONE booms ensure a low centre of gravity and very compact transport dimensions. In addition, the booms, even when folded, are optimally protected in transport via the sprung parallelogram boom frame.



Benefits of the tank design

- ✓ Easy cleaning of the spray agent tank
- ✓ Very low residual spray volumes
- ✓ Low transport height



Tank on the UX 5201 Super

Tank of the single-axle UX Super

The compact spray agent tank, which is made from polyethylene, is especially secure, light and long lasting. The absolutely smooth inner and outer walls with rounded corners and no nooks and crannies allow quick and easy cleaning. Residual spray volumes are kept at a minimum due to the specific shape of the tank sump. The UX Super trailed sprayers have a 580 l fresh water tank and storage compartment.

Tank on the UX 11201 Super

The GRP spray agent tank has a low centre of gravity and compact dimensions. The optimum geometry means that only minimal residual spray volumes remain in the tank. The smooth inside walls of the tank facilitate fast and easy cleaning. The two fresh water tanks with a nominal capacity of 900 l are mounted between the mudguards at an equal distance from the centre of gravity.

Cleaning systems

Three high-performance, rotating nozzles clean the spray agent tank internally. Short pipe runs and hose cross-sectional areas as small as possible make for low residual volumes.

Stepless hydraulic main agitator

The intensity of the hydraulic agitator can be steplessly reduced down to nothing in order to avoid any foaming of the crop protection agent or to facilitate spraying out the remaining tank contents.

Exceptional internal sprayer cleaning with the XtremeClean intensive cleaner

The intensive cleaning system consists of four spot jet nozzles which have been fitted on to an electrically rotating nozzle head. These high-pressure nozzles are guided positively round via an electric motor and, via the spot jets, systematically treat the total internal wall area of the tank. The high impact energy of this jet reliably loosens any spray deposits – even without the use of chemical cleaning additives.

- ✓ Optional for all single-axle UX Super trailed sprayers



High performance and efficient

Pump systems for the UX Super



UX 5201 Super trailed sprayer

The tandem pump is driven via a wide-angle PTO shaft as standard or via a hydraulic pump as an option. The hydraulic pump drive works independently of the engine revs at a constant, smooth speed.





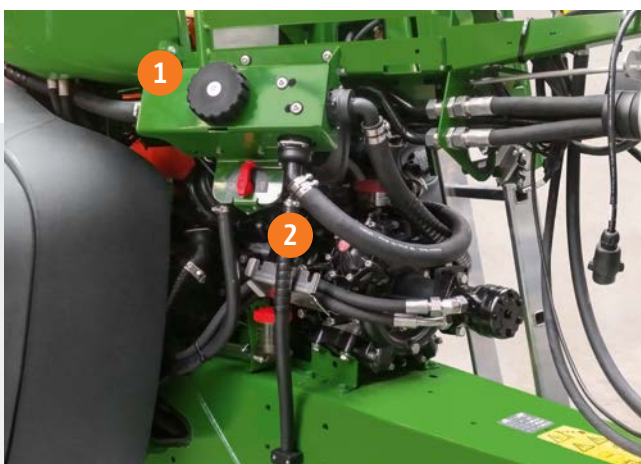
The tandem pump system of the UX 4201 Super, UX 5201 Super and UX 6201 Super provides suction capabilities of up to 700 l/min

Tandem pump system – high-performance and reliability

The UX Super is equipped with a low-maintenance tandem pump system. While one pump supplies the boom and the secondary agitator during spraying, the other pump vigorously agitates the tank contents via the main agitator. During the filling procedure at a nominal pump speed, the full pump capacity is available for filling the spray agent tank. At the same time, either the contents of the induction bowl can be drawn out via the venturi or the total fill capacity can be increased up to 900 l/min.

High application rates thanks to HighFlow⁺

The UX Super's intelligent control technology enables both pumps to be used for spraying while maintaining a high agitation capacity. If the usual maximum of 200 l/min at the spray line is not enough, the liquid flow created by the agitator pump is also automatically used in conjunction with the HighFlow⁺ option as and when required until the desired application rate is reached. The remaining capacity of the agitation pump continues to be used for agitating the liquid in the spray agent tank. All components within the HighFlow⁺ system are completely integrated into the cleaning cycle of the UX Super.



The tandem pump system on the UX 11201 Super provides suction capabilities of up to 900 l/min

Benefits of a piston diaphragm pump:

- ✔ Simple handling due to its self-priming capability at the start of the filling procedure
- ✔ Very high, consistent application rates with system pressures of up to 10 bar
- ✔ Can run dry and is liquid-fertiliser proof
- ✔ Long service life

Model	Pump capacity	Max. suction capacity
UX 4201 Super	520 l/min (2 x 260 l/min)	700 l/min
UX 5201 Super	520 l/min (2 x 260 l/min)	700 l/min
UX 6201 Super	520 l/min (2 x 260 l/min)	700 l/min
UX 7601 Super	650 l/min (1x 300, 1x 350 l/min)	800 l/min
UX 8601 Super	650 l/min (1x 300, 1x 350 l/min)	800 l/min
UX 11201 Super	700 l/min (2 x 350 l/min)	900 l/min

Examples with HighFlow⁺

Boom width	Application rate	Working speed
30 m	1,000 l/ha	8 km/h
36 m	800 l/ha	8 km/h
39 m	400 l/ha	15 km/h
45 m	350 l/ha	15 km/h

HighFlow⁺ system with second pressure filter, additional flow measuring device and alternative spray liquid routing

- 1) Second pressure filter
- 2) Drain tap for pressure filter

SmartCenter with induction bowl

The right solution for any application



SmartCenter centralised operator station – including the induction bowl

The SmartCenter centralised operator station means that operation has never been so easy and comfortable. The SmartCenter with the induction bowl and the complete operator station including filling connections for suction and pressure filling are conveniently located centrally at the front and protected by the left-hand cover. The hood prevents dirt ingress and provides easy accessibility.



High performance and efficient

The 60 litre induction bowl is located directly in front of the operator controls. The conical form of the bowl with central outlet and an enormous suction rate of up to 200 l/min ensures fast and flawless filling and complete emptying.

Advantages of the induction bowl:

- ✔ Suction rate of up to 200 l/min – for fast, trouble-free filling and complete emptying
- ✔ Infinitely variable mixing nozzle – prevents any blockages of powdery and granular spray agents
- ✔ Infinitely variable high-capacity rinse ring
- ✔ The induction bowl can also be supplied with fresh water via an optional fresh water pump, even when pressure filling from a bowser
- ✔ Induction bowl lid as a practical work area with integrated drain-off device
- ✔ Canister rinse nozzle with practical pressure pad for cleaning the measuring jug and canisters
- ✔ Small contact area on the canister rinse nozzle where the nozzle can be activated for cleaning the canister neck





✔ SmartCenter with Comfort-Pack plus and LED lighting, safely protected under the cover

❗ "Also other little details help during the cleaning procedure, such as the possibility to be able to flush the induction bowl with fresh water when pressure filling."

"The robust lid not only serves as a storage area for the measuring jug or as a shelf for Epsom salt bags but also features holders to enable the rinsed canisters to drain – perfect"

("profi" – Test report Amazone UX 5201 Super - 10/2017)



The operating elements for Standard-Pack on the UX Super

- | | |
|--|---|
| 1) Induction bowl | 5) Control tap for main agitator |
| 2) Control tap for pressure / 7-way pressure tap | 6) Control tap for suction valve |
| 3) Control tap for venturi | 7) Control tap for fill port for fresh water tank |
| 4) Control tap for secondary agitator | |

SmartCenter with Standard-Pack – Simple and intuitive operation

The UX Super is operated mainly via the suction and pressure taps in the case of the Standard-Pack. The suction tap position determines from where the pump is going to draw from and, correspondingly, the pressure tap indicates as to where the spray liquid will be pushed.

The benefits:

- ✔ Easy access to the suction filter and self-cleaning pressure filter
- ✔ Self-explanatory controls for safe handling
- ✔ Short filling times thanks to the high-performance 60 litre induction bowl and a suction capacity of up to 200 litres/min
- ✔ Homogeneous spray liquid mix thanks to the standard mixing nozzle underneath the induction bowl
- ✔ 7-way pressure tap with seat valve technology ensures easy operation and safe filling



7-way pressure tap – safe switching with cam and seat valves

All sprayers with the Standard-Pack and Comfort-Pack are equipped with the extremely practical 7-way pressure valve. As opposed to a normal pressure tap, the in-house developed valve from AMAZONE consists of a cam and seat valves. The respective liquid circuits are reliably opened or closed exclusively by swivelling the handle on the pressure tap in and out.



The operating elements for Comfort-Pack on the UX Super

- | | |
|--|---|
| 1) Induction bowl | 5) Control tap for suction valve |
| 2) Control tap for pressure / 7-way pressure tap | 6) Control tap for fill port for spray agent tank |
| 3) Control tap for venturi | 7) Control tap for fill port for fresh water tank |
| 4) TwinTerminal 3.0 | |

SmartCenter with Comfort-Pack – operation made easy

With Comfort-Pack, the TwinTerminal 3.0 comes as standard. Also, in addition, automatic fill stop for the suction fill is also included and, as an option, fill stop is also available when filling under pressure from a bowser. During application, the intensity of the agitation is regulated depending on the tank fill level. As the fill level decreases, the agitation capacity is automatically reduced down until it is completely switched off preventing the formation of foam at low tank volumes. In addition, the automatic agitation regulation offers auto-dynamic agitator control. This means: the auxiliary agitator is closed when a higher application rate is required at the boom.

After the spraying operation is finished, Comfort-Pack provides fully automatic cleaning which can be controlled completely remotely from the tractor cab. Additional functions such as boom rinsing, cleaning the spray liquid circuit against heavy deposits or a defined dilution of the tank mix in the field are also included within Comfort-Pack.



TwinTerminal 3.0

The benefits:

- ✔ Operator-friendly TwinTerminal 3.0 for suction valve control
- ✔ No foaming of the spray agent due to the automatic fill-level dependent control and switching off of the agitator
- ✔ Always maximum capacity when spraying and agitating thanks to the auto-dynamic agitator control
- ✔ Comfortable filling of the spray agent and fresh water tanks via the automatic fill stop
- ✔ Remote-controlled, automatic cleaning programmes for the complete sprayer wash-out

SmartCenter with Comfort-Pack plus

Operation with maximum comfort



The operating elements of Comfort-Pack plus on the UX Super

- 1) Induction bowl
- 2) TwinTerminal 7.0
- 3) Control tap for fill port for fresh water tank

❗ "With very clear graphics for the tank, connections and liquid circuits, the operator is guided through the filling menus for the fresh water tank, spray agent tank and induction bowl – unique"

❗ "The touch display – which can even be operated with gloves (!) – is ingenious."
("profi" – Test report Amazone UX 5201 Super - 10/2017)



! "No matter whether it's the pre-programmed 'fill profiles' or the automatic cleaning regime including the induction bowl – these things are unparalleled"

("profi" – Test report Amazone UX 5201 Super - 10/2017)

TwinTerminal 7.0 with pressure-sensitive touchscreen

Handling is made especially comfortable by Comfort-Pack plus. Instead of operating taps, TwinTerminal 7.0 makes machine operation much easier with its pressure-sensitive touchscreen. The complete control of the spray agent circuit is carried out solely via the pressure-sensitive touch screen which functions perfectly even when wearing gloves. The operator only has to select the desired function and the sprayer adjusts itself automatically.

In the job computer, two individual filling profiles for different operators or applications can be stored. Then only the hose has to be coupled for filling, and the machine automatically fills the spray agent tank and fresh water tank up to the desired tank fill level. As an option, the operator can select individually an adjustable pause in the filling of the spray agent tank.

Fresh water pump – Continuous internal cleaning

In conjunction with Comfort-Pack plus and a load-sensing system, an optional 160 l/min capacity fresh water pump is available. This can be used to supply the induction bowl with fresh water from the fresh water tank during bowser

Automatic and independent cleaning

The complete sprayer along with the induction bowl can be cleaned fully automatically. For this purpose, the UX Super with the Comfort-Pack plus is equipped with the following cleaning programmes: intensive clean, quick clean and boom rinsing. In addition, after every fill, the induction bowl rinses itself on its own.

! "A press of a button starts the complete cleaning programme running where, not only are all the taps switched, but also the induction pipework and induction port are cleaned – very good!"

("profi" – Test report Amazone UX 5201 Super - 10/2017)

filling. If a fresh water pump is specified, the fresh water tank and the spray agent tank can be filled in parallel via the suction hose. The additional fresh water pump also allows quicker cleaning of the UX Super.

The benefits:

- ✔ Simple operation: choose the function and the machine adjusts everything fully automatically
- ✔ Maximum comfort: automatic filling and automatic fill stop for both suction and bowser filling
- ✔ Maximum safety: fully automatic cleaning of the entire machine including the induction bowl
- ✔ Maximum capacity: automatic quick fill via the venturi when the chemical induction is completed
- ✔ Auto-dynamic agitation control

DirectInject direct feed system

Quick, flexible and needs-based metering of additional plant protection agents



Why use DirectInject?

The demands on farmers and technology are constantly increasing with regard to plant protection. Flexibility in the selection of plant protection agents in the field becomes an increasingly important point here. From a plant establishment perspective, the needs-based application of specific

products and active ingredients only in sections or on individual fields is a frequent response. There are also restrictions relating to protection-sensitive fields and bodies of water which farming must consider when selecting the appropriate plant protection agents.



Activation of DirectInject in the AmaTron 4 terminal



DirectInject tank with integrated sieve for easy and safe filling

System overview

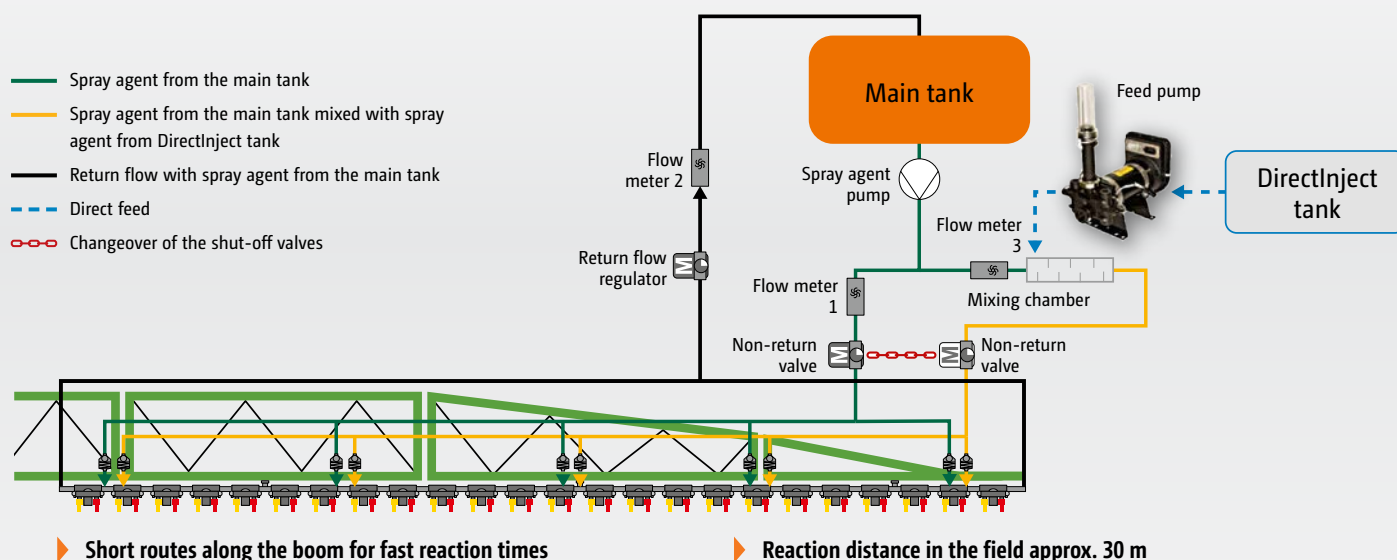
DirectInject from AMAZONE is a system for the direct injection of plant protection agents. These can be injected or stopped during application as required. The special feature of DirectInject compared to conventional systems is the fast response time of the injection process and its complete integration in the spray agent circuit and operation of the sprayer. DirectInject consists of an additional 50 l tank with its own metering system, which is integrated into the storage compartment of the UX 01 Super on the right-hand side of the machine. The integration of these components in the storage compartment also provides optimum protection for all the equipment.

The advantages at a glance:

- ✓ Flexible, fast and needs-based use of plant protection agents
- ✓ Optimised crop canopy
- ✓ Environmentally-friendly
- ✓ Saving on:
 - Working time and labour costs
 - Machine costs
 - Plant protection agents

Application in the field

If the driver of the sprayer notices weeds, for instance, that need to be controlled in a specific part-area, DirectInject can be activated from the cab at the touch of a button. The supplementary product taken from the DirectInject tank, which is integrated into the storage compartment, is then added to the spray agent from the main spray agent tank in the mixing chamber. The optimised reaction time compared to conventional systems is achieved by a twin-line system. Pre-mixed spray agent from the spray agent tank and the plant protection agent from the DirectInject tank are held in a second spray line in the boom. When the direct feed system is activated, the mixture is supplied to the nozzle bodies via several injection points on the boom and applied. This guarantees minimal reaction times. In this regard, the valve for the spray agent from the spray agent tank and the valve for the second spray line with the pre-mixed DirectInject agent are switched alternately, meaning that spray agent is only taken from one line at any time.



Operating options at a glance

		Standard-Pack *	Comfort-Pack	Comfort-Pack plus *
Operation: suction side	Manually actuated		–	–
	Electrically actuated via TwinTerminal 3.0	–		–
	Electrically actuated via the pressure-sensitive Terminal 7.0	–	–	
Operation: pressure side	7-way pressure tap			–
	Electrically actuated via the 7" pressure sensitive touchscreen terminal	–	–	
Bowser fill	- fresh water tank with Geka coupling			
	- with non-return valve			
	- free-flow return (from above into the tank with lid opened)			
	- automatic fill stop for the spray agent tank and the fresh water tank	–		
Functions Suction valve	Drawing in via the suction port			
	- automatic fill stop for suction port			
	Drawing in via spray agent tank / fresh water tank			
	Dry coupling connection port			
Functions Pressure valve	Filling the spray agent tank & drawing out of the induction bowl via the venturi			
	Liquid at the induction bowl (rinse ring, high-pressure nozzle, jet nozzle, hand lance)			
	Forced emptying			
	Internal cleaning			
	External cleaning with fresh water			
	Spraying			
	Filling of fresh water tank			
	- with automatic fill stop	–		
Additional functions	Increased output for canister cleaning			
	Automatic cleaning of the induction bowl	–	–	
	2 individually programmable fill profiles	–	–	
	Adjustable filling and foam damping function	–	–	
	Electric emptying of spray lines and filters	–	–	
	Fresh water pump with continuous internal cleaning	–	–	
Agitation	Manually adjustable agitation level		–	–
	Fill level dependent, auto-dynamic agitation control	–		
Cleaning	Manually actuated cleaning		–	–
	Remote cleaning control from the in-cab terminal	–		
	XtremeClean	–		
Other systems	HighFlow+	–		
	DirectInject from boom widths of 27 m	–	–	

* = not for UX 11201 Super

= included

= optional

– = not possible



✓ Standard-Pack

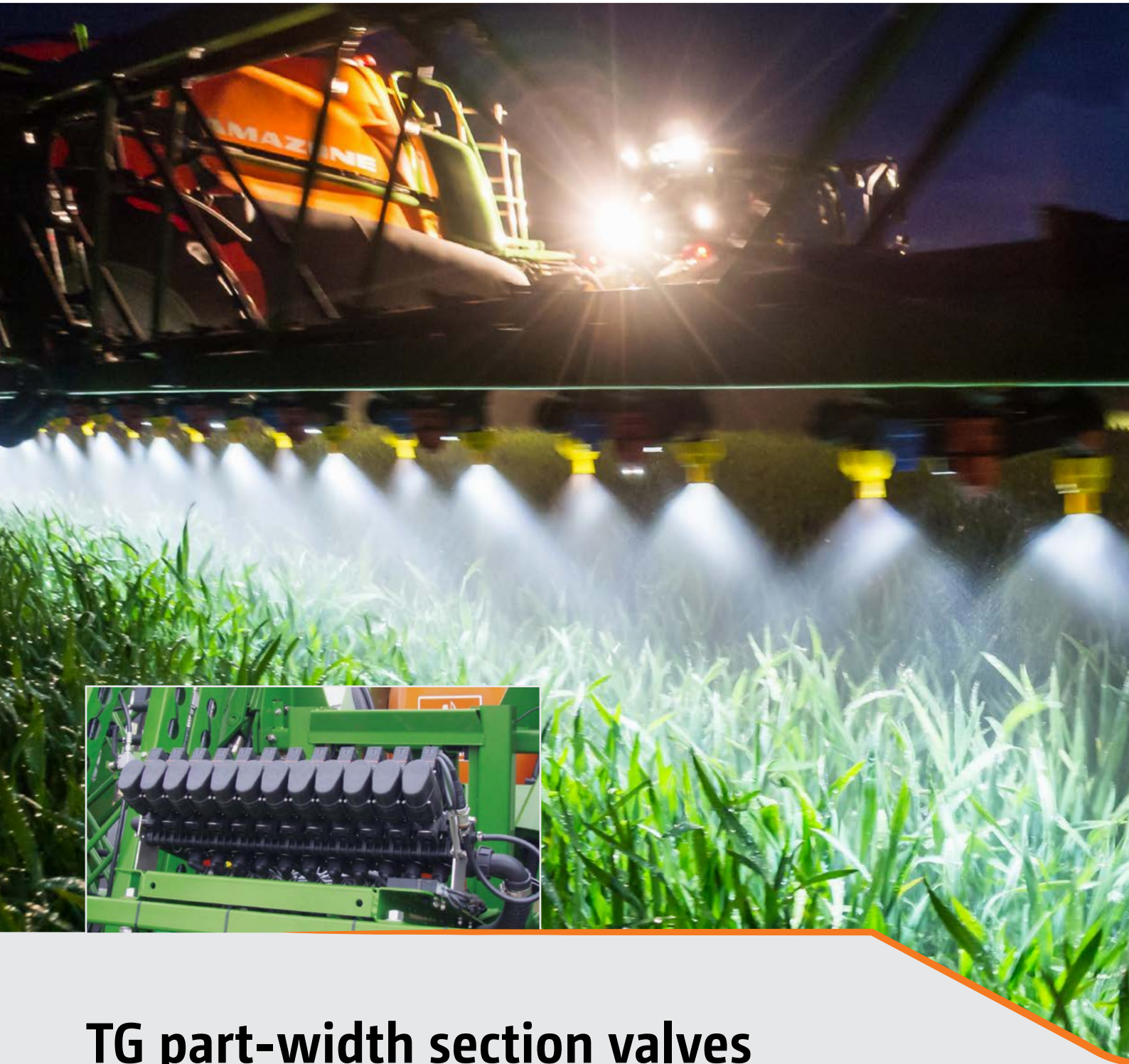


✓ Comfort-Pack



✓ Comfort-Pack plus





TG part-width section valves

Electrically controlled TG valve chest

The TG part-width valve chest with up to 13 part-width sections is available with ISOBUS control. The part-width sections are switched quickly and without drips via electric motor valves with pressure relief. The spray rate is precisely and quickly controlled directly by the machine's job computer in all situations.

Single and multi-nozzle bodies

The nozzle bodies with integrated diaphragm non-return anti-drip valves fit up into the boom profiles reliably preventing any dripping at the nozzle. Self-adjusting bayonet fixings ensure a tool-less quick nozzle change. The triple or quad nozzle bodies are suitable for frequent nozzle changes caused by different applications and crops.

DUS pressure recirculation system

High output and reliable



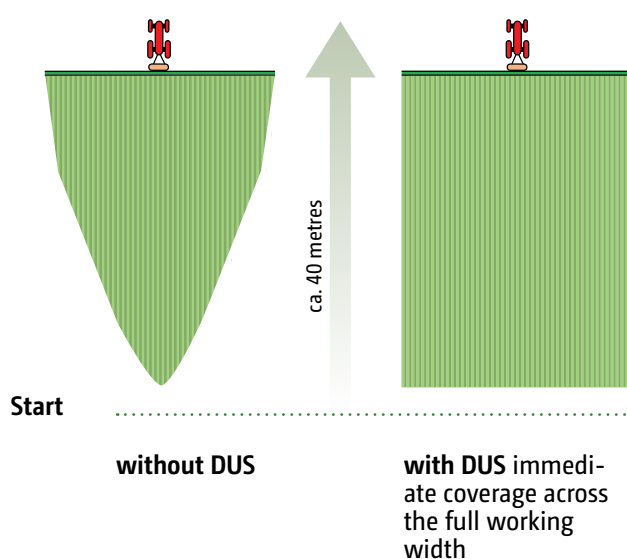
DUS pressure recirculation system

The DUS pressure recirculation system

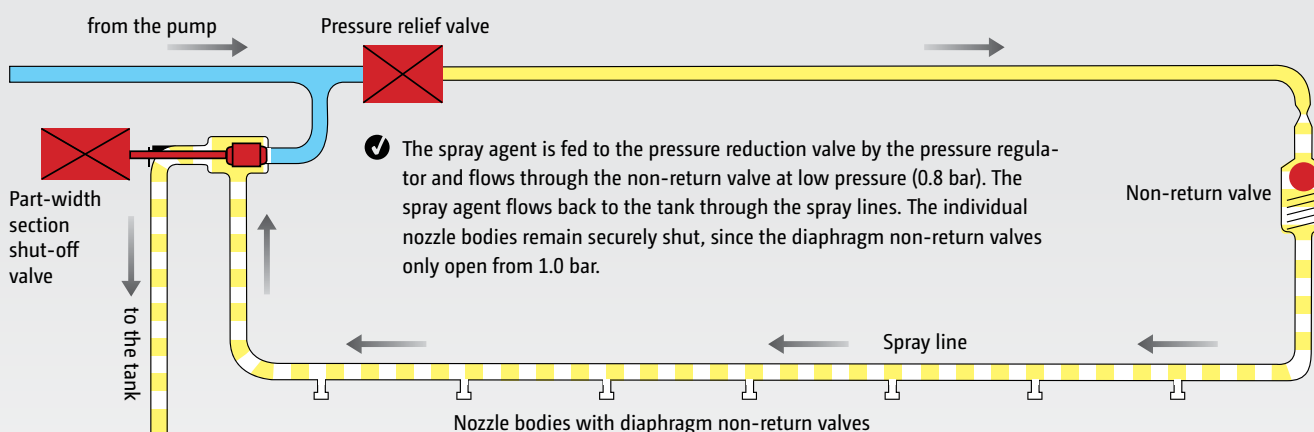
The AMAZONE DUS pressure recirculation system ensures a reliable circulation throughout the entire system. When starting the spraying operation, all the hoses including the spray lines are filled under pressure in the reverse direction with the pre-mixed spray agent. This means the spray lines are always full and immediately ready to use across the entire working width. There is no waiting on the headland.

Every time individual part-width sections are shut off, during the turning operation and during transport, the spray liquid circulates continually thanks to the pressure recirculation system. This reliably prevents deposits, blockages or segregation in the spray lines.

During the cleaning operation, fresh water flushes the spray lines out right up to the nozzles without any spraying being necessary. During this cleaning procedure, the concentrated spray liquid is returned back to tank via the pressure recirculation system leaving the spray lines clean.



DUS pressure recirculation system with part-width section switched off



AmaSwitch plus

Electric individual nozzle switching with 50 cm part-width sections

The simple solution for automatic 50 cm part-width section control

With AmaSwitch plus, AMAZONE offers a precise solution for automatic part-width section control with 50 cm part-width sections. AmaSwitch plus is the ideal alternative for operators who want to maximise the benefits of very precise switching in wedge shaped fields and areas of overlap, thanks to the 50 cm part-width section control.

The standard equipment for the AmaSwitch plus includes the DUS pro high pressure recirculation system and, in addition, it can be equipped with LED individual nozzle lighting.

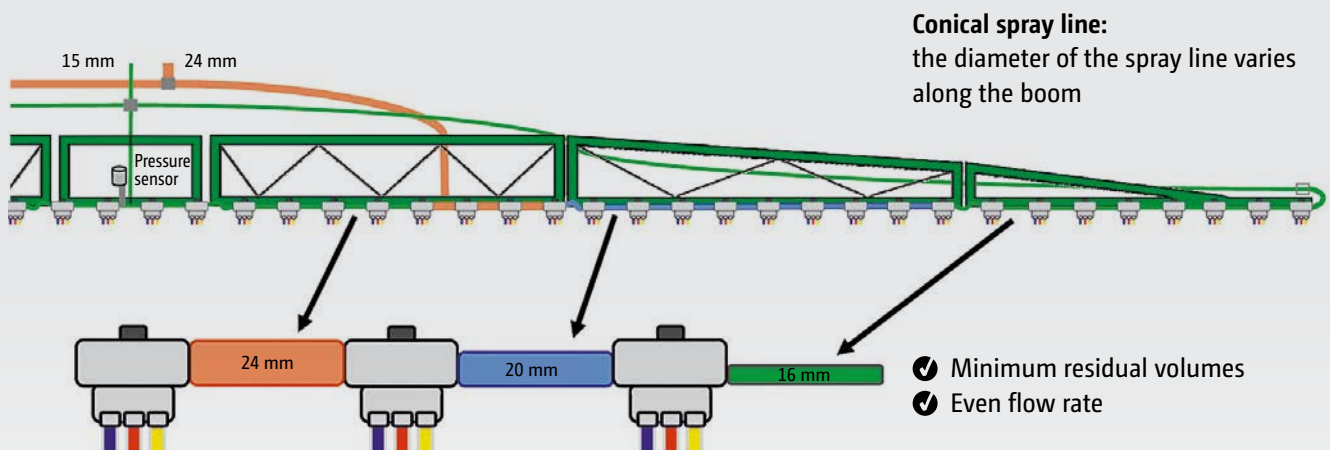
Equipped with the DUS pro pressure recirculation system as standard

As in the case of DUS, the spray pressure in DUS pro is constant up to the individual nozzle and remains at the pre-set spray pressure. In addition, minimal residual spray volumes are achieved thanks to the conical spray lines.



AmaSwitch plus triple nozzle body

DUS pro – constant spray pressure with minimal residual volumes



DUS pro high pressure recirculation with conical spray line on here, for example, AmaSwitch plus



AmaSwitch plus triple nozzle body with individual nozzle LED lighting

Triple nozzle body with electric on/off switching

The AmaSwitch plus technology is based on a conventional manual-rotating triple nozzle body with electric on/off control of each individual nozzle. Opening and closing is achieved via an electric valve which is mounted directly on the nozzle body. In conjunction with GPS Switch, it is therefore possible to switch the 50 cm section width very precisely in wedge-shaped fields and on headlands. In addition to the automatic switching using 50 cm part-width sections, it is also possible to configure the desired number of part-width sections from choice.

Quad nozzle body with electric on/off switching

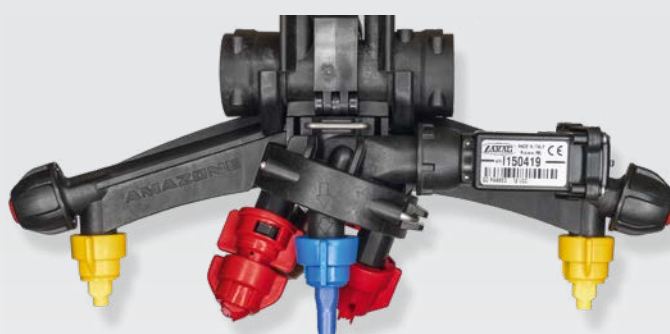
In addition to the triple nozzle body, the AmaSwitch plus electric individual nozzle switching system can also be equipped with a quad nozzle body.

With true 25 cm nozzle spacing

The quad nozzle body enables genuine 25 cm nozzle spacing to be achieved with the aid of the optional off-set kit. This offers the benefit, in combination with special 80 degree nozzles, of reducing the boom to target surface distance down to less than 50 cm.



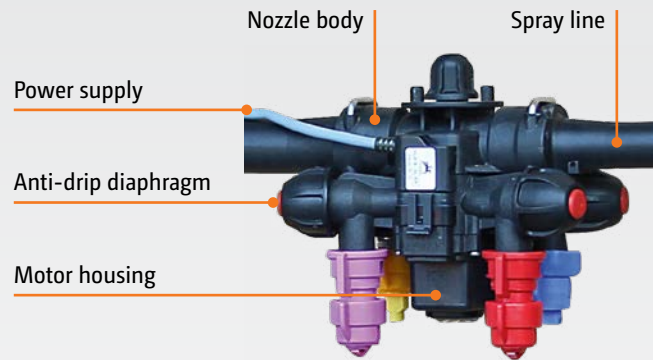
AmaSwitch plus quad nozzle body



AmaSwitch plus with quad nozzle body and off-set kit for a genuine 25 cm nozzle spacing

AmaSelect

**Electric individual nozzle control
with 50 cm part-width sections**



AmaSelect – components of the system

Quad nozzle body with automatic electric nozzle changeover

The electric AmaSelect individual nozzle control consists of a quad nozzle body with electric on/off control and, additionally, the remote changeover of the nozzles. In addition to the 50 cm part-width sections, which can be switched automatically via GPS-Switch, the system offers electrical switching between the 4 mounted nozzles via the operator terminal - or even completely automatically if the forward speed or application rate is changed. This offers the possibility, for instance when leaving the optimum pressure range of a nozzle, to switch on a second nozzle or to changeover to a larger nozzle.

Flexible configuration of boom widths and part-width sections

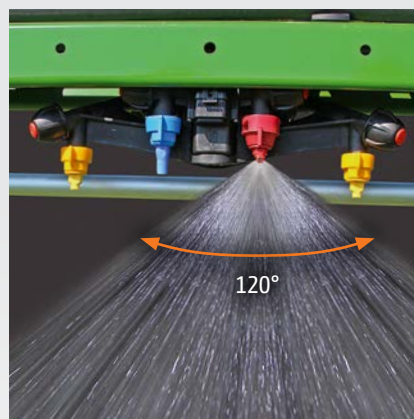
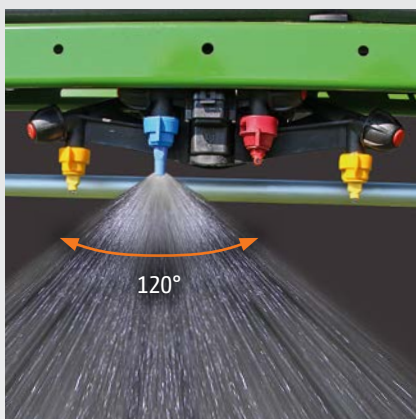
AmaSelect enables any number of part-width sections with any number of nozzles to be freely configured. So for farmers or agricultural contractors with different tramline systems, a simple matching of the nozzle switching with the relevant working width is possible.

Automatic 50 cm part-width section control via GPS-Switch with Section Control

The automatic control of individual nozzles in 50 cm part-width sections is made possible by combining the AmaSelect individual nozzle control with GPS-Switch (with Section Control). This enables the amount of overlap to be considerably reduced, meaning that there is a significant saving in spray agent.

With true 25 cm nozzle spacing

As an option, the AmaSelect nozzle body can also be equipped with an off-set kit giving 25 cm nozzle spacing. This offers the benefit, in combination with special 80 degree nozzles, of reducing the target area distance down to less than 50 cm.



AmaSelect electric individual nozzle control with a quad nozzle body and 50 cm or 25 cm nozzle spacing



HeightSelect – always the optimum target surface distance

With the aid of HeightSelect (only in conjunction with AmaSelect and ContourControl) now also the distance between boom and the targeted crop is continuously matched automatically in relation to the nozzle spacing and nozzle type. When the nozzle has been switched on, the automatic boom guidance system controls the appropriate target distance. This automation improves the efficiency of the crop protection agent used as well as decisively relieving the stress on the driver.

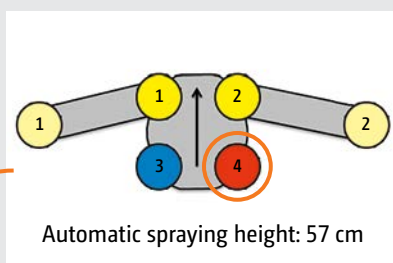
High-End as standard – LED individual nozzle lighting and DUS pro

As standard, AmaSelect is equipped with DUS pro high pressure recirculation and LED individual nozzle lighting.

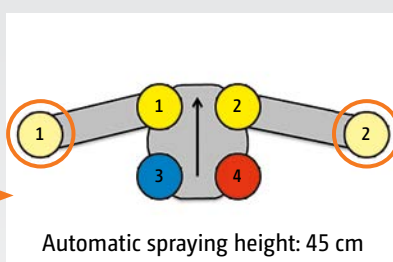
The crop protection technology of the future is already here

The AmaSelect single nozzle control offers the potential for absolute precision by utilising the additional optional AmaSelect CurveControl, AmaSelect Row and AmaSelect Spot functions.

Principle of function of HeightSelect



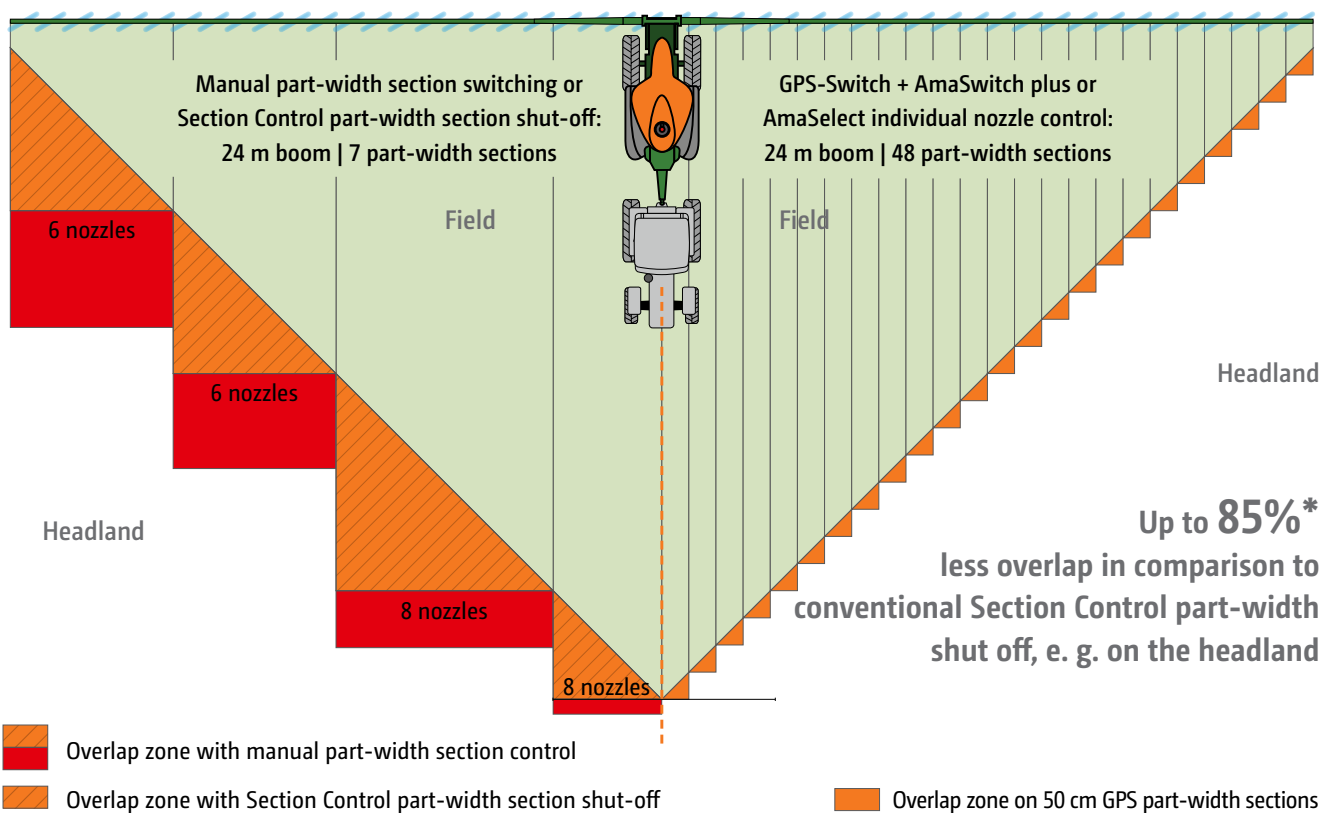
110° nozzles: 50 cm nozzle spacing



80° nozzles: 25 cm nozzle spacing

Automatic part-width section control GPS-Switch

Example: 24 m working width (6-6-8-8-8-6-6 = 48 nozzles)



Automatic part-width shut-off on the headland and in wedge-shaped fields **GPS-Switch**

5%*

Saving on crop protection agent usage



Electric individual nozzle control
AmaSwitch plus or AmaSelect

5%*

Additional saving in crop protection agent usage

* Savings are dependent on field shape, boom width and the number of part-width sections

Precise switching with 50 cm part-width sections

The decisive benefit of individual nozzle control is the possibility to operate with small part-width sections giving an even greater degree of accuracy in wedge shaped fields, short work and on the headland. If AmaSwitch plus or AmaSelect is combined with the automatic GPS-Switch part-width Section Control, automatic switching of individual nozzles in 50 cm part-width sections is possible. With this system, areas of overlap are significantly reduced and

are, in comparison with a conventional Section Control part-width section shut-off system, up to 85% less. So, the combination of GPS-Switch and individual nozzle control results in, depending on field shape and size, the working width and number of part-width sections, significant savings in spray agent compared with a normal spraying system used thus far.



✓ AmaSwitch plus electric individual nozzle switching



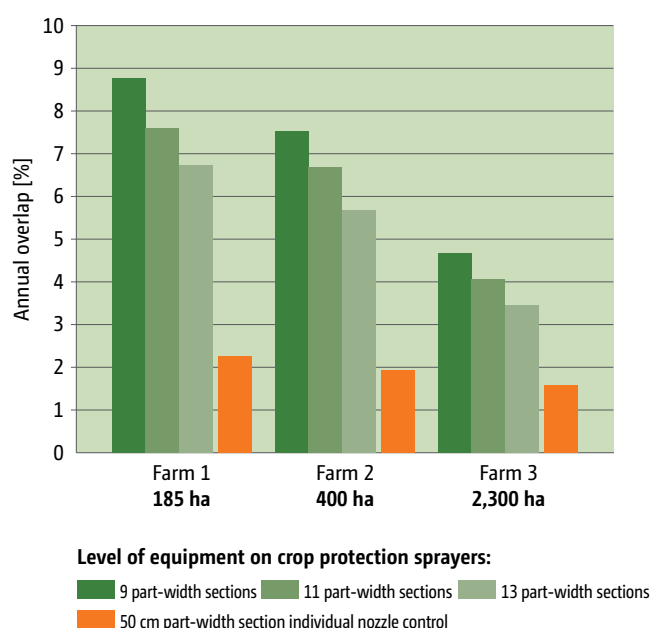
✓ AmaSelect electric individual nozzle control

Calculated example:

Annual average overlap of **conventional part-width sections vs 50 cm part-width sections in combination with Section Control**

Important knowledge for field analysis

- ✓ Average overlap with 50 cm part-width sections only 1.92%
- ✓ Average overlap with 9 part-width sections 7%
- ✓ Short payback period for larger farms due to the annual potential savings
- ✓ Due to smaller field sizes, smaller farms save proportionally more
- ✓ When growing crops with a high crop protection demand (e.g. potatoes, sugar beet), 50 cm part-width sections are particularly cost-effective



Comparison of systems:

NB = nozzle body

The benefits	Standard valve chest	AmaSwitch plus Triple NB	AmaSwitch plus Quad NB	AmaSelect
Multiple boom sections	up to 13	up to 96	up to 96	up to 96
50 cm part-width sections	—			
Number of nozzles per nozzle body	1, 3, 4	3	4	4
Manual nozzle switching				—
Automatic nozzle changeover and nozzle actuation	—	—	—	
Nozzle selection from the cab	—	—	—	
Nozzles used in combination	—	—	—	
High pressure recirculation (DUS pro)	—			
25 cm nozzle spacing (off-set kit)	—	—		
Individual programming of the part-width sections	—			
LED individual nozzle lighting				
Switching to band application from the cab (AmaSelect Row)	—	—	—	
Optimised application rate during cornering (AmaSelect CurveControl)	—	—	—	
Part-area, site-specific application on the basis of spot application maps (AmaSelect Spot)	—	—	—	

Nozzle switching –system overview

■ = included

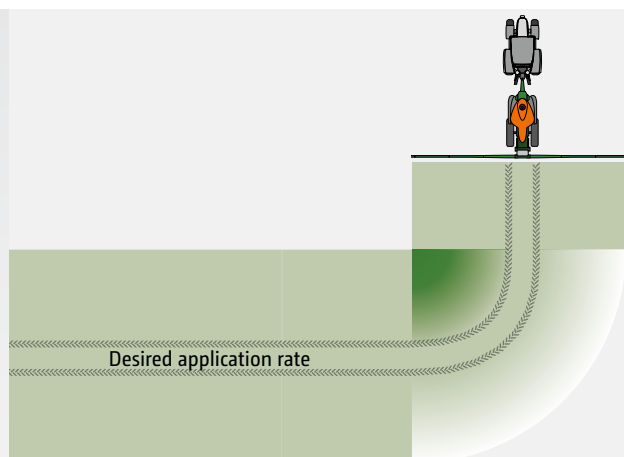
■ = optional

— = not possible

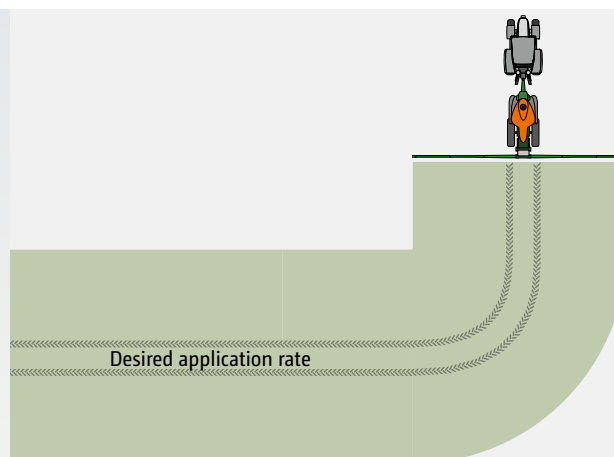
AmaSelect CurveControl

Optimised application when driving round bends





Without AmaSelect CurveControl – uneven application rate when negotiating bends



With AmaSelect CurveControl – a more even application rate when negotiating bends

Constant application rate

AmaSelect CurveControl offers a precise solution for keeping the application rate as constant as possible across the whole of the working width when driving round bends. The CurveControl function is equipped as standard in conjunction with AmaSelect and the ContourControl active boom guidance.

The problem: over- or under-application when negotiating bends

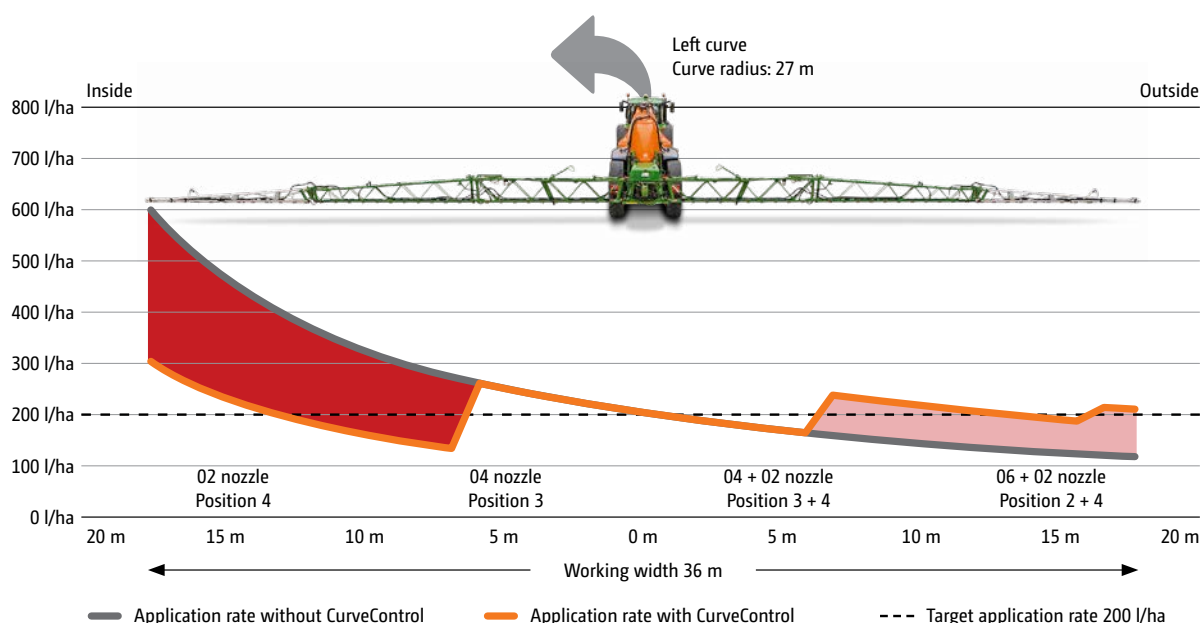
In the past, the distribution of plant protection products when driving round bends has led to an over-application on the inside of the bend and an under-application on the outside of the bend. The problem increases with increasing boom widths. Over-applying on the inside of the boom must be viewed more critically, as potential overdose levels of more than 300% are possible.

The solution – AmaSelect CurveControl

The operation of the system is supplemented by a useful function specifically for bends in the form of CurveControl for the AmaSelect electric single nozzle control. In addition to the nozzle pressure, CurveControl uses sensors to determine the curve radius and automatically calculates the pressure adjustment for the changed flow rate. The system then balances the application rate in the boom independently of the part-width section by means of automatic nozzle changing in the boom.

Benefits of AmaSelect CurveControl:

- ✔ Virtually uniform application rates when negotiating bends over the entire working width
- ✔ Optimum crop management
- ✔ Prevention of resistance caused by under-dosing



Comparison of application rates around a bend with and without CurveControl (left hand curve)



AmaSelect Row

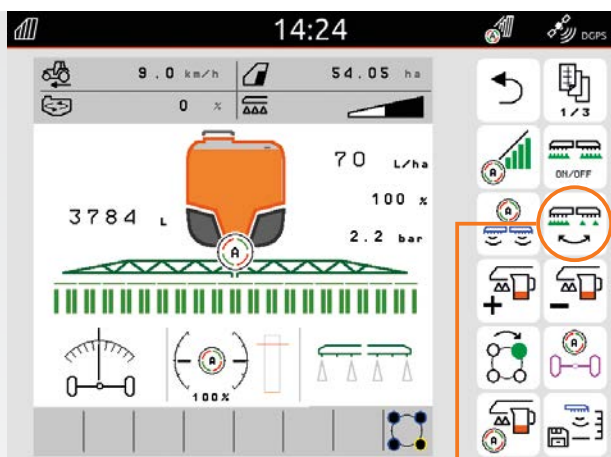
Accurate band spraying at the press of a button to reduce the use of plant protection agents



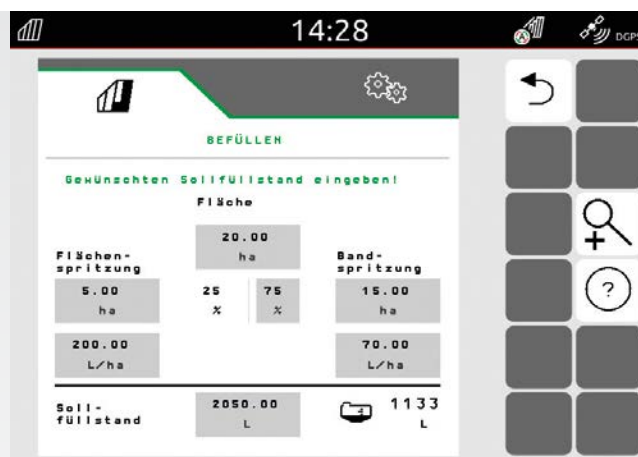
Row-specific band spraying in a potato crop



Row-specific band spraying in a sugar beet crop



Easy switching between band spraying and full-width application at the push of a button



Useful fill menu for determining the required filling quantity

Row-specific band spraying

AMAZONE offers the AmaSelect Row function for the AmaSelect electric individual nozzle control for remote switching from full-area application to row-specific band spraying. Row-specific band spraying with special 40° nozzles makes it possible to reduce the consumption of plant protection agents by up to 65%.

Different row spacings

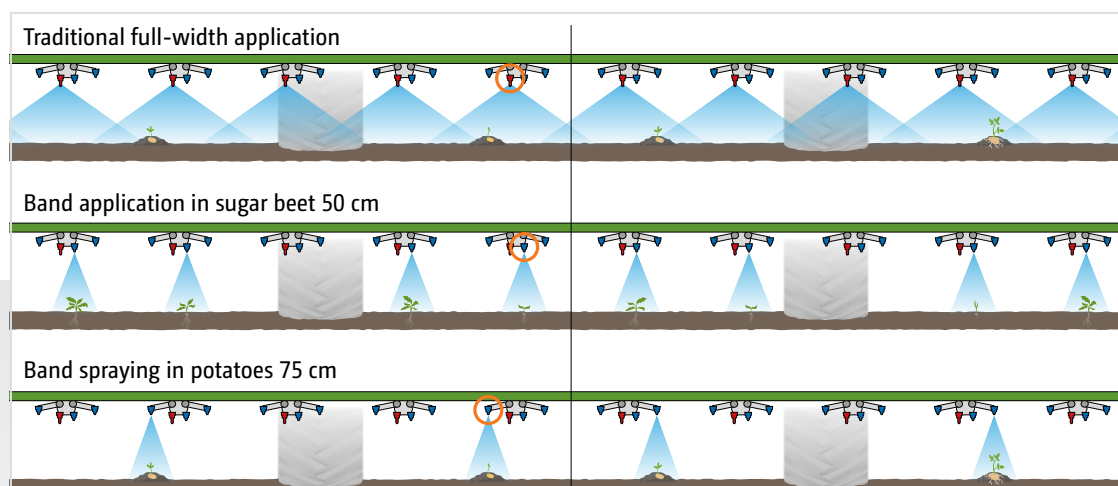
Row-specific applications in crops with a 50 cm row spacing can be implemented very easily without any further re-tooling. However, the optional off-set kit for the AmaSelect nozzle body with a 25 cm nozzle spacing also enables band applications to be implemented in crops with a 75 cm row width. Only the nozzles at the desired spacing are switched on for that purpose. Alternative row widths, e.g. 45 cm for sugar beet, can also be realised with an additional nozzle arrangement and a connecting hose.

Maximum operational comfort

The area to be treated by band and full-width spraying as well as the desired application rates of the two types of spraying is stored via the fill menu, and the required filling quantity is automatically calculated, in order to minimise residual spray volumes. The row spacing, spraying angle and application height of the nozzles are easily adjusted via a separate menu in the ISOBUS machine controller. The selection of the right nozzle and the associated nozzle positions to the band needing to be treated is carried out automatically. It is then possible to switch between band and full-width spraying in a matter of seconds at the push of a button on the ISOBUS terminal.

Benefits of AmaSelect Row:

- ✔ Highly efficient band spraying in row crops – and all at the touch of a button
- ✔ Different row spacings possible thanks to the optional off-set kit at 25 cm
- ✔ High operating comfort with an integrated filling menu with fill quantity calculation
- ✔ Reduction in plant protection agent usage by up to 65%



AmaSelect Row: Uniquely flexible options in plant protection

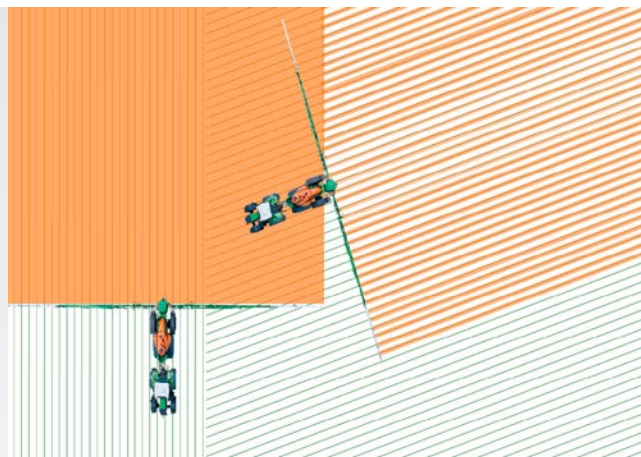
AmaSelect Row and CurveControl

The perfect combination in practice!





Band application in the inner area, full-width application with CurveControl in the outer area of the field



Individual nozzle control in band application for perfect application in wedge-shaped fields and short work

Full-width application with AmaSelect CurveControl in the outer area

Comprehensive full-width application is recommended for the outer area of fields. The advantages of CurveControl are particularly evident in fields with curves. Furthermore, obstacles at the edge of the field can be avoided during full-width application without any problems. In addition to this, the matching to the seed drill is not always exact on the headland. This has a negative effect on band spraying.

Switching to band application at the touch of a button

The material can then be sparingly applied to the inner area of the field with AmaSelect Row. The full-width application can be easily changed to band application on the terminal for this purpose. Absolutely straight rows and exact matching up to the seed drill are the prerequisites for the use of AmaSelect Row. The application rate is automatically adjusted in this respect.

The particular features of band application

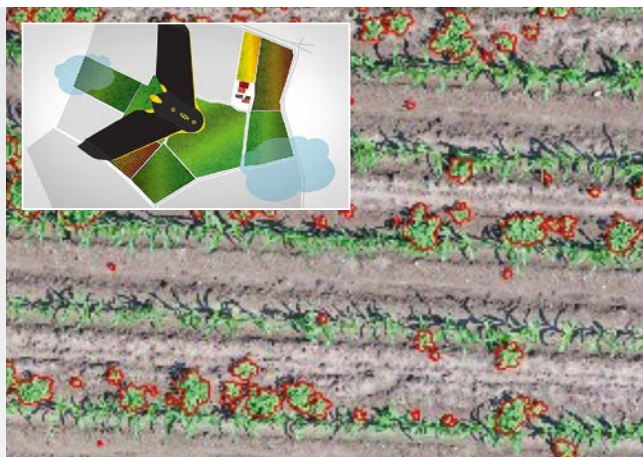
The perfect use of band application depends on several factors:

1. The nozzles must be at the right application height when they come on
 - ✔ Automatic boom lowering with the AmaTron 4 ISOBUS terminal and GPS-Switch
2. Precise maintenance of the distance to the target surface required for a uniform band width and even concentration of the plant protection agent
 - ✔ ContourControl active boom guidance for the optimum target surface distance
3. Smooth boom ride over the entire working width
 - ✔ SwingStop or SwingStop plus boom tip swing compensation to reduce horizontal boom movements
4. Precise vertical alignment of the nozzles directly over the band
 - ✔ Flexible extension kit for precise alignment of the nozzles in all row spacings

AmaSelect Spot

Part-area, site-specific plant protection treatment on the basis of spot application maps





Display of spot application in AmaTron 4

Part-area, site-specific weed treatment

To reduce the use of crop protection agents, AMAZONE offers AmaSelect Spot, a individual nozzle control system which allows part-area, site-specific weed treatment based on highly accurate spot application maps. External service providers produce the spot maps.

Scanning the area and creation of spot maps for weed treatment

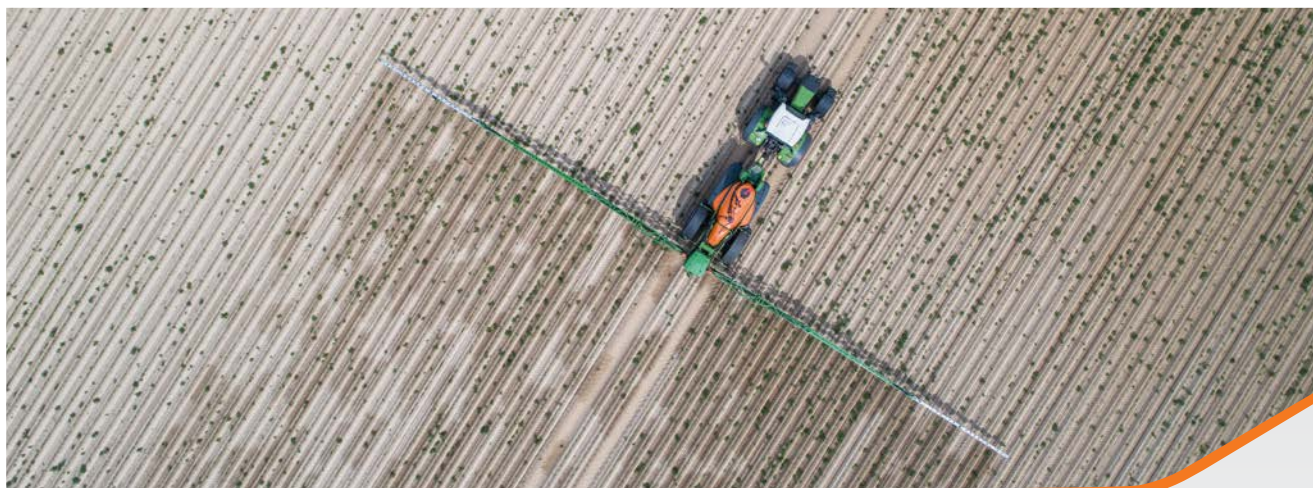
In the first step, the field to be treated is scanned and a spot application map created. Depending on the service provider, various processes are used for scanning the area in this first step, such as overflying with a drone, by satellite or via special sensor booms.

Targeted spot application

The second step is the treatment of the weed areas in the field. All that is required for this is to load the spot application map in the AmaPad 2 ISOBUS operator terminal. In contrast to full-area treatment with the AmaSelect single nozzle control system, only those areas where weeds are present are treated during the pass.

Benefits of AmaSelect Spot:

- ✔ Precise spot treatment of weeds with a standard AMAZONE crop protection sprayer
- ✔ Reduction in plant protection agent usage by up to 80%
- ✔ Better protection of the environment
- ✔ Minimal residual spray volumes, thanks to exact planning of the application rate using the spot application maps
- ✔ Prevention of resistance thanks to the small-area spot application with 100% plant protection agent concentration



State-of-the-art crop protection technology in use: targeted treatment of volunteer potatoes in a carrot crop on the basis of a spot application map with a standard UX 5201 Super trailed sprayer

The right nozzle choice

The basis for success in crop protection



AMAZONE offers a wide range of nozzles from agrotop, Lechler and TeeJet.



Examples

- 1) Lechler IDN 120-025
- 2) TeeJet XRC 110-025
- 3) Injector flat fan nozzle
AirMix 110-04



- Everyone purchasing an AMAZONE crop protection sprayer receives, free of charge, an AMAZONE nozzle fitting tool that makes for a much easier nozzle change.

Less drift also at higher wind speeds

Injector nozzles (ID, TTI) have a relatively coarse droplet spectrum and are particularly versatile with regard to their range of application. A pressure range of 2 to 8 bar is possible. They are universally usable in all crops and all classifications. Because of the coarse droplet application, these nozzles can also be used in higher wind speeds.

If coverage quality is at the foreground of the application, the use of standard or anti-drift fine droplet nozzles, such as XR or AD, is recommended. Special care is required here due to their tendency to drift above 3 bar.

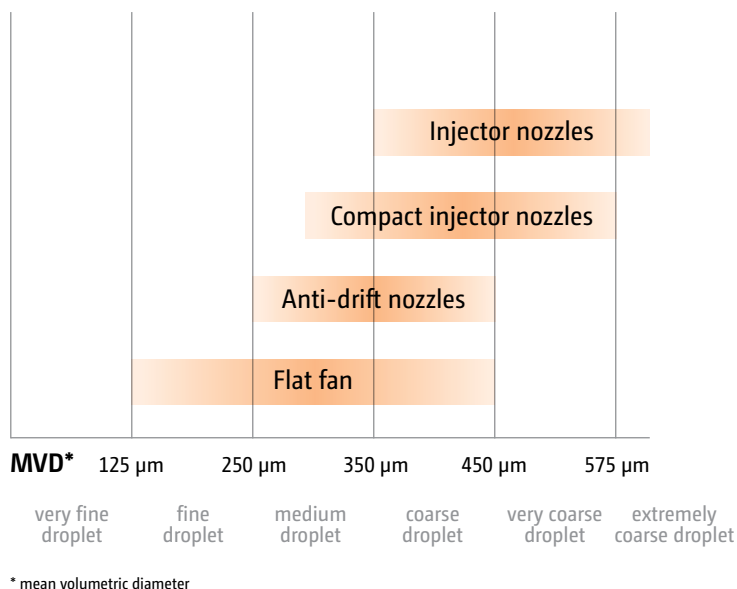
A good compromise is provided by the modern ID-K or Airmix compact injector nozzles. These have relatively little drift, but do not have too coarse a droplet spectrum and are operated at 2 to 4 bar.

When it comes to special coverage qualities, the double flat fan nozzle is an interesting alternative: the AVI Twin from Agrotop also produces droplets that are not too fine.

The split spray pattern ensures a more even deposit on the front and back of the plant and is a useful alternative in many applications.

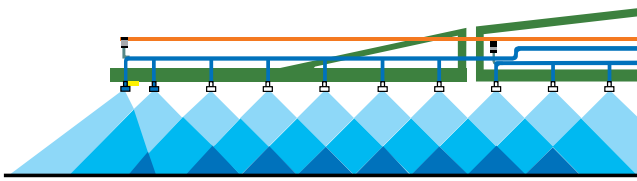
For speeds of more than 10 km/h, the TD HiSpeed nozzle with its asymmetrical spraying angle is becoming a new industry trend.

Distribution of the droplet size



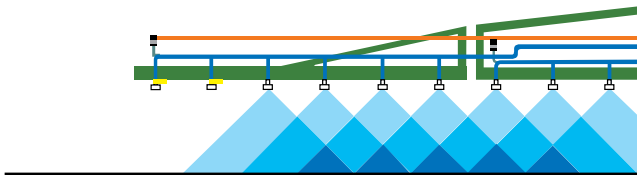
Electric boundary nozzle switching

For environmentally-friendly spray application at the field edge



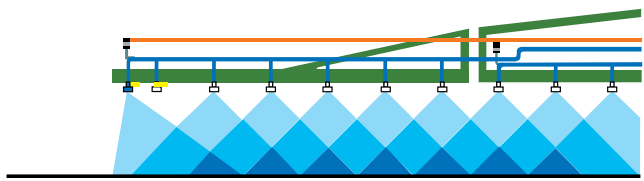
Additional nozzle switching

In order to extend the normal working width, an asymmetrical nozzle can also be switched on. This is particularly useful if the distances between tramlines are not precise enough.



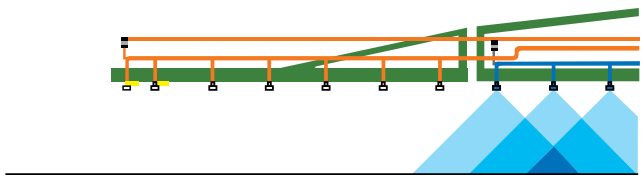
End nozzle switching

If a one metre buffer zone around the edge of the field may not be sprayed due to distance constraints, end nozzle switching can be used.



Boundary nozzle switching

For precision border spraying between two sensitive crops, the boundary nozzles can be used to make sure the spray pattern is accurately defined.



Outer part-width section switched off - DUS is active

Direct electric control of the boundary nozzles.
Every nozzle body is integrated in the DUS circulation!

Drag hose equipment on AmaSwitch plus with a quad nozzle body and an extension kit on the Super-L2 boom



Liquid fertilisation

AMAZONE sprayers are particularly suitable for using liquid fertiliser: the use of high-quality plastics, the good paint finish and the use of stainless steel ensure a long service life, even when liquid fertiliser is used.

Elegant solutions for successful under-leaf spraying are also

Drag hose equipment

The drag hose equipment for Super-L booms consists of a drag hose set and can be combined with AmaSwitch plus with a quadruple nozzle body or AmaSelect, as well as an off-set kit for 25 cm nozzle spacing.

Stainless steel weights help keep the position of the drag hoses in the crop.

Multi-hole nozzles

Three-hole or seven-hole nozzles or FD sluice nozzles are also available on request for the coarse droplet application of liquid fertiliser.

Under-leaf spraying

possible in combination with AMAZONE crop protection sprayers. For example, the Dropleg system is a light and robust under-leaf spraying system which hangs freely between the rows.



✓ Seven-hole nozzle



✓ Dropleg system

AmaTron 4 ISOBUS terminal

Full functionality



The AmaTron 4 ISOBUS operator terminal, developed in-house by AMAZONE, enables convenient tablet-style, touch-screen control of any ISOBUS-enabled agricultural machine. AmaTron 4 makes all ISOBUS functionality possible – with added convenience, user-friendliness and overviews. And yet: it performs even better in combination with AMAZONE agricultural machinery and guarantees full functionality when it comes to precision farming.



ROBUSTNESS

STURDY!

- ✓ Low-reflection, 8" display with waterproof and dustproof aluminium housing
- ✓ Rear-mounted hand rest for a secure grip



RELIABILITY

WELL THOUGHT THROUGH!

- ✓ Practical and clear menu navigation for simple and intuitive use
- ✓ Actuation via touch screen or soft keys
- ✓ Simple documentation and job management: work first – then save the data
- ✓ Optional software licences for maximising every opportunity in precision agriculture



COMFORT

COMFORT!

- ✓ App carousel for quick and easy navigation at the swipe of a finger
- ✓ Freely configurable status bar – the most important parameters available at a glance, all of the time
- ✓ The practical quick-start menu allows quick and easy import and export of job data

Extended functionality via licences	Functions in AmaTron 4 for the UX Super
GPS-Maps&Doc	• Inactive field boundaries and automatic field detection • Documentation via ISOBUS Task Controller or PDF export • Application maps in ISO-XML format and Shape file format • Online data exchange via the AmaTron Share App
GPS-Switch basic	• Section Control with up to 16 part-width sections • Virtual headland • Automatic boom lowering
GPS-Switch pro	• Section Control with up to 128 part-width sections • Auto-zoom, obstacle marking • Spot spraying
GPS-Track	• Optical parallel guidance aid • Various different track modes • ISOBUS Level 1 tramline control
AmaCam	• Display of a camera image on the AmaTron 4 including reverse detection
AmaTron Twin	• Display extension using the AmaTron Twin App
GPS-ScenarioControl	• Extension of the AmaTron Twin licence, cross-machine route display

Precision and Comfort

GPS-Switch automatic part-width section control



Overlaps on the headland or in wedge shaped fields are prevented via precise switch points with GPS-Switch.

GPS-Switch

If the operator terminal facilitates Section Control, such as GPS-Switch part-width section control from AMAZONE, the part-width sections are activated completely automatically and in relation to the GPS position. Once a field has been created, and then in automatic mode, the driver can concentrate fully on the operation of the towing vehicle, since the part-width sections are switched automatically in wedge shaped fields and on headlands.

Benefits of automatic part-width section control:

- ✔ Stress relief for the driver
- ✔ Increased precision, even at night or at higher speeds
- ✔ Fewer overlaps and gaps
- ✔ Saving inputs
- ✔ Less crop damage and environmental impact

- ❗ “With Section Control, the ISOBUS terminal takes on so much of the work from the driver.”
 (“dlz agrar magazine” – test report ZA-TS fertiliser spreader · 02/2017)

With GPS-Switch, AMAZONE offers GPS-based, fully automatic, part-width section control for all AMAZONE operator terminals and ISOBUS-compatible fertiliser spreaders, crop protection sprayers or seed drills.

GPS-Switch basic

- ✔ Automatic part-width section control for up to 16 part-width sections
- ✔ Creation of a virtual headland
- ✔ Automated boom lowering with an AMAZONE crop protection sprayer
- ✔ Optional with AmaTron 4

GPS-Switch pro (as an add-on to GPS-Switch basic)

- ✔ Automatic part-width section control with up to 128 part-width sections, particularly for crop protection sprayers with individual nozzle control
- ✔ Marking of obstacles (e.g. water holes, pylons)
- ✔ Auto-zoom when approaching the headland
- ✔ Optional with AmaTron 4



✔ AmaClick

Specialist crops and bed spraying often require the switching on/off of the individual part-width sections in the middle of the boom. AmaClick is an additional ergonomic control unit that can be used either in conjunction with the AmaPilot+ multi-function joystick or also as a standalone system alongside an ISOBUS terminal.



The right UX Super for any farm

Overview of the different models

The models

The UX Super trailed sprayers from AMAZONE are extremely precise crop protection sprayers with a large selection of different tank capacities. Designed for challenging operating conditions and high area coverage, spraying can be carried out with the UX Super with working widths up to 48 m. The easy handling and adjustment mean that the UX Super is a crop protection sprayer which offers the highest comfort.

The features at a glance

- ✔ Tank capacities from 4,200 l to 11,200 l
- ✔ Boom widths up to 48 m
- ✔ Working speed up to 18 km/h
- ✔ Spraying heights from 0.5 m to 2.50 m
- ✔ Ground clearance up to 0.82 m



UX 5201 Super

All UX Super models at a glance:

Model	Boom width	Nominal volume	Pump capacity
UX 4201 Super	21 – 48 m	4,200 l	520 l/min (2 x 260 l/min)
UX 5201 Super	21 – 48 m	5,200 l	520 l/min (2 x 260 l/min)
UX 6201 Super	21 – 48 m	6,200 l	520 l/min (2 x 260 l/min)
UX 7601 Super	21 – 48 m	7,600 l	650 l/min (1 x 300 + 1 x 350 l/min)
UX 8601 Super	21 – 48 m	8,600 l	650 l/min (1 x 300 + 1 x 350 l/min)
UX 11201 Super	30 – 48 m	11,200 l	700 l/min (2 x 350 l/min)



UX 7601 Super



UX 11201 Super

UX 4201 Super, UX 5201 Super and UX 6201 Super

UX 4201 Super
UX 5201 Super
UX 6201 Super

UX Super, single axle, up to a tank capacity of 6,200 litres



**Advantages of the single axle UX Super
with a tank capacity of up to 6,200 litres:**

- ✔ Super-compact design for high manoeuvrability and clarity during use
- ✔ Top mounting with a straight drawbar or lower mounting with a hitch drawbar
- ✔ Low nett weight for soil protection



21 m – 48 m



4,200 l to
6,200 l



7 to 96
part-width sections



520 l/min pump
capacity



✓ Platform with ladder for easy access to the tank



✓ Hand-wash tank with soap dispenser

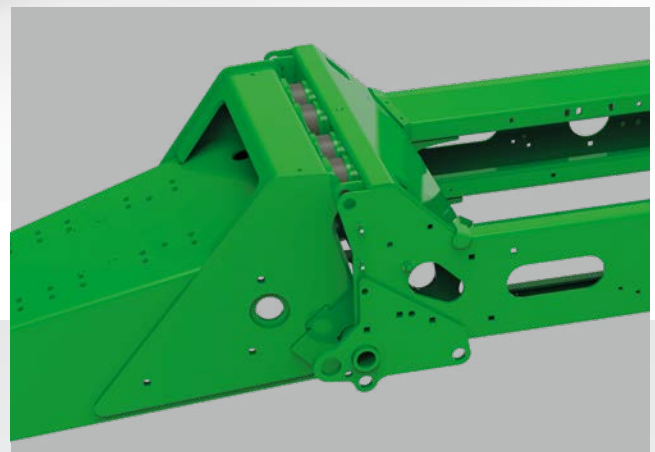
UX 4201 Super
UX 5201 Super
UX 6201 Super

Frame and drawbar

for the UX 4201 Super, UX 5201 Super and UX 6201 Super

The frame – Strong and yet elastic!

The wide profile steel frame, made from torsion resistant steel, compact tank design and the well-engineered boom technology provide the utmost in robustness.



Spring damping element between the drawbar and the frame for the UX 4201 to UX 6201 and the UX 11201



Drawbar damping – For protection of the booms

The drawbars of the UX 4201 to UX 6201 and the UX 11201 are provided with an important design element, the drawbar shock absorbance system. Minimising the to and fro movements between frame and drawbar it also protects the booms and prevents any rocking movement of the tractor keeping the operator comfortable.

Towing eyes

The UX trailed sprayer offers the facility for fitting a drawbar to the rear. The max. towing capacity is 12 t.

Linking to the tractor – Just as you need it to be!

No matter whether using a rigid hitch drawbar with ball coupling or the classic towing eye, AMAZONE always offers the right solution for your tractor. Choose between top or lower hitch mounting and between towing eyes with a diameter of 40 mm or 50 mm or the K80 ball point coupling.

Hydraulic parking jack

The height-adjustable parking jack integrated in the frame makes coupling to the tractor quick and easy with its convenient hydraulic height adjustment.



Top mounted drawbar with towing eye and hydraulic parking jack



Lower mounted hitch drawbar with K80 ball coupling and hydraulic parking jack

UX 4201 Super
UX 5201 Super
UX 6201 Super

Wide variety of axles

for the UX 4201 Super, UX 5201 Super and UX 6201 Super



The AutoTrail axle steering in operation



Rigid axle with track widths of 1.50 m to 2.25 m



Adjustable axle with step-less track width adjustment from 1.50 m to 2.25 m for the UX 4201

Axles and brakes – safety first!

The wide variety of axles offer the right solution for every requirement.

The benefits:

- ✔ Tyre sizes up to 520/85 R46 (2.05 m diameter) possible
- ✔ Ground clearance up to 82 cm
- ✔ Permissible speeds of up to 60 km/h with the ALB system (automatic load dependent braking)

The options:

- ✔ Fixed axles with track widths from 1.50 to 2.25 m – two track widths are possible by reversing the wheels.
- ✔ Adjustable axle with stepless track width adjustment from 1.50 m to 2.25 m for the UX 4201 Super
- ✔ Hydro-pneumatic axle suspension with patented roll stabilisation for the UX 4201 Super and the UX 5201 Super
- ✔ AutoTrail axle steering for automatic true-track following



Hydro-pneumatic axle suspension with AutoTrail axle steering for the UX 4201 and UX 5201



AutoTrail axle steering

UX 7601 Super and UX 8601 Super

UX 7601 Super
UX 8601 Super

UX Super, single axle, with a tank capacity of 7,600 litres or 8,600 litres



Advantages of the single axle UX Super with a tank capacity of 7,600 litres or 8,600 litres:

- ✔ Maximum capacity on one axle
- ✔ Very low centre of gravity of the sprayer



21 m – 48 m



7,600 l to
8,600 l



7 to 96
part-width sections



650 l/min pump
capacity



Large storage compartment on the right-hand side of the machine

UX 7601 Super
UX 8601 Super

Everything in one piece

Frame and drawbar of the UX 7601 Super and UX 8601 Super

Drawbar and frame in one piece

The drawbar and frame are constructed as an integrated unit from high-tensile steel. This construction method provides optimum weight distribution and an extremely compact sprayer design.



Hydraulic parking jack

The height-adjustable parking jack integrated in the frame, makes coupling to the tractor quick and easy with its convenient hydraulic height adjustment.



Lower mounted hitch drawbar with K80 ball coupling and hydraulic parking jack

Various options for any demand

Axle permutations for the UX 7601 Super and UX 8601 Super

Unsuspended axle

The unsuspended axle supplied as standard is attractively priced and acceptable for many applications. It is ideal for farms which have short distances from the farmyard to the field and therefore spend little time on the road.



Unsuspended axle

Passively-suspended axle

The passively-suspended axle is characterised by a perceptibly smoother machine position. In particular, it makes driving on the road more comfortable. Furthermore, undulations on the field are compensated for more effectively.



Passively-suspended axle

Actively-suspended axle

The actively-suspended axle provides the perfect suspension on the machine. It is impressive on the road as a result of its extremely smooth handling characteristics. This suspension is particularly suitable for farms which pay special attention to the protection of their machines.



Axle with active suspension

Always remain on track!

Steering systems for the single axle UX Super models

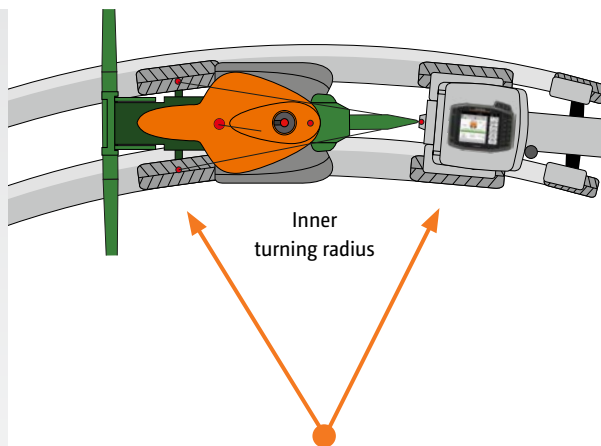
UX 4201 Super, UX 5201 Super
UX 6201 Super, UX 7601 Super
UX 8601 Super



The AutoTrail axle steering in operation



The AutoTrail axle steering



AutoTrail axle steering with rigid straight drawbar or rigid hitch drawbar in the field.

AutoTrail axle steering

The optional AutoTrail axle steering provides the driver with the utmost comfort and ensures an especially smooth boom ride and high stability. The track-following capability, particularly when in the reversing position, is outstanding. This steering of the axle is also possible in the folded-in position.

❗ “When the wheels are turned in the field, hardly any steering forces are transferred to the booms. Therefore the steering is continuously active in the field – even when on a straight run. Then if the tractor steers, the wheels of the sprayer are immediately also steered. How smoothly this happens we were able to see during operation. It didn’t matter whether we drove fast or slowly, nothing wobbled on the boom when turning.”

(“dlz agrar magazine” – Test report “Safe in the track”. 06/2011)

Clever AutoTrail steering

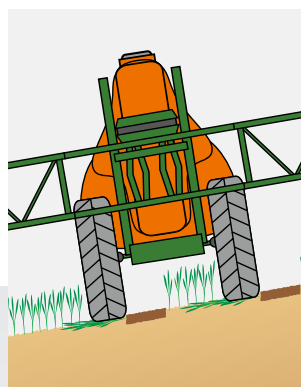
AutoTrail steering ensures an intelligent, track-true steering behaviour and can be easily calibrated for any tractor type. The AutoTrail steering systems can be activated at any time and can be oversteered using manual readjustment on slopes. Especially helpful in narrow field entrances is, with the Auto-Trail steering, the ability to activate the steering even with the booms folded.

Slope compensation for AutoTrail steering

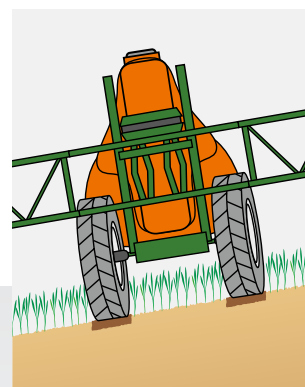
AutoTrail steering on the UX Super is fitted with fully automatic slope compensation as standard. As the steering angle, depending on severity of the terrain, has to be possibly adjusted, the intensity of the setting can be altered at any time via the joystick.



✓ With steering angles of 28°, the steering axles also negotiate tight bends with ease.



Slippage downhill with the slope compensation deactivated



Activated slope compensation of the AutoTrail steering

UX 11201 Super

UX 11201 Super

UX Super, twin axle, with a tank capacity of 11,200 litres



Advantages of the twin axle UX Super with a tank capacity of 11,200 litres:

- ✔ DoubleTrail axle steering system for optimum working, especially in row crops
- ✔ Maximum soil protection thanks to minimum surface pressure with maximum capacity



30 m – 48 m



11,200 l



9 to 96
part-width sections



700 l/min pump
capacity



Narrow design for safe road transport with maximum effectiveness

The tandem chassis on the UX 11201 Super

UX 11201 Super

Maximum effectiveness, precision and ease of use



The UX 11201– high performing and reliable



The hydro-pneumatic chassis of the UX 11201 Super provides perfect driving comfort and ensures maximum area coverage



✔ Fast on the road at up to 60 km/h

Perfect driving comfort due to level regulated, hydro-pneumatic axle suspension.

Hydro-pneumatic chassis – high-performance in the field and on the road

The hydro-pneumatic suspended chassis, in combination with the sprung drawbar, provide perfect driver comfort. The BPW axle assemblies, with standard fill level regulation, continuously adapt to the load conditions. The sprung drawbar has a high support load of 3 t and, in combination with the ball coupling (K80), facilitates strong traction by the tractor and smooth running of the machine. The machine has high rolling stability since the suspension cylinders are connected crosswise. The closed hydraulic system ensures the same load distribution on all 4 wheels at all times. Possible track widths range between 2.00 and 2.25 m, and the wheel diameter can be up to 1.95 m.

Traction control

The UX 11201 Super excels in difficult hilly terrain: traction control of the hydro-pneumatic axle suspension facilitates a temporary increase of the support load on the drawbar from 3 to 4 t when the machine is full. If the machine is partially full, the support load is increased by up to 30%.



Increasing the support load

Optimised driving behaviour

Perfect steering on the UX 11201 Super



- ✓ DoubleTrail axle-steering
 - active electronic positive steering
 - excellent track-following with little track damage in the field
 - easy manoeuvrability due to the active intelligent rear axle
 - smooth, cushioned boom guidance at all times



SingleTrail passive steering

The chassis of the UX 11201 Super has passive rear axle steering as standard for good handling and reduced track damage. The SingleTrail passive steering has a rigid front axle and a steered, passively trailing second axle, which results in good handling without skidding the wheels.

When reversing, the second axle has to be locked. In road transport it should also be locked as well. In tight turns and slow travel, the axle can be unlocked.

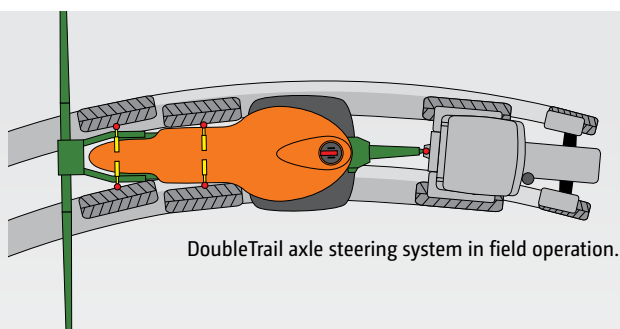
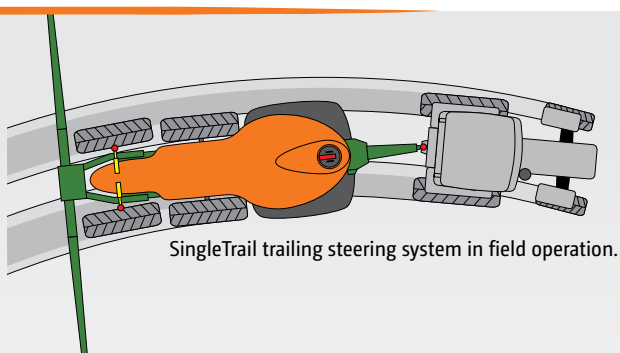


DoubleTrail – fully automatic axle pivot steering

The UX 11201 Super can also be equipped with the electronically controlled DoubleTrail axle steering system as an option. This electronic positive steering of both axles is particularly important for row crops, such as potatoes, beet and small field sizes, in order to avoid track damage.

The first axle now truly follows the tracks of the tractor's rear wheels; the second axle follows the track of the tractor's front wheels. A high level of directional stability with respect to the tractor is achieved and, more importantly, the sprayer boom is not negatively affected by the steering movements. During road transport, the first axle is locked and the second axle is actively steered by the system.

- ✓ **DoubleTrail system**
An additional K50 ball is required for the positive steering of the DoubleTrail system.



Options to meet any demand



- On request, all new AMAZONE sprayers can be provided with a country-specific sprayer proficiency certificate. The proficiency certificate meets current EU regulations according to EN ISO 16122, which is, for European member states, supported also with the CEMA label.



Optional camera system

The optional camera system (only in conjunction with the ISOBUS terminals AmaTron 4 and AmaPad 2 or an external monitor) provides more safety at the rear in unclear driving situations. The system is also a super aid for monitoring the function of the nozzles directly behind the machine. This is ensured even in rain, twilight or in darkness via infrared LEDs and a heated lens. The high resolution, antiglare monitor is backlit and can also display two cameras at once.



LED work lights

Boom lighting is provided by two LED work lights mounted in the centre of the boom and, from here, due to their wide-reaching illumination; prove to be a particularly effective execution.

Two further LED work lights to give additional background lighting can be mounted up on the platform.

Underbelly covers

Thanks to the underbelly cover, the complete underside is encased in stainless steel plates so that axles, chassis and plants are optimally protected.



External wash kit

The crop protection sprayer can be thoroughly cleaned directly after use with the spray lance of the external wash kit.



The original is simply better

AMAZONE service and quality



Experience that pays off. That's why AMAZONE guarantees you the highest quality thanks to a very high level of vertical integration within its own factories in Europe – and it has been doing so for more than 140 years. The original is simply better.

In most cases, things need to happen very quickly, especially when time is tight for optimum plant protection. That is why AMAZONE offers a first-class parts service with genuine parts that are precisely matched to your machine. So your machine is always ready for use – quality parts and available worldwide.

The Global Parts Center in Tecklenburg-Leeden in Germany is the base for our worldwide parts logistics system. This ensures the optimum availability of parts, even for older machines. Whenever you need us, the AMAZONE service team is there for you, supported by a network of competent and highly trained sales partners and service technicians.

AMAZONE also offers an intensive introduction to the operation and handling of your new machine on your farm by a trained member of the AMAZONE team. Alternatively, you can use "SmartLearning" – AMAZONE's interactive driver training – to familiarise yourself with the machine's operation before using it for the first time.

Effective plant protection from the very first metre.

The advantages of original spare parts and wearing metal:

- ✔ Quality, reliability and performance
- ✔ Immediate availability, even for older machines
- ✔ Higher resale value of your used machine



myAMAZONE

for more performance



Register now

www.amazone.net/myamazone



WARRANTY

» Register now and apply for a 24 month manufacturer guarantee!

- ✔ Extend the protection offered for your machine with a 24 month manufacturer guarantee.
- » The extended guarantee can be applied for within the contractual warranty period of 12 months after initial installation.

NEW



PARTS

» Parts – find the right parts for your machine even more easily now!

- ✔ The right parts list for your machine with just one click.
- ✔ Identify the correct part in the exploded views in no time at all.
- ✔ Create a shopping basket and send it to your service partner.



ADJUSTMENT AND
OPERATION

» Now enter the machine number and see at a glance all the relevant information to help get the maximum performance from your machine

- ✔ Season start and commissioning
- ✔ Adjustment and operation
- ✔ Parts lists and operating instructions
- ✔ Maintenance and storage





Technical data: for UX Super trailed sprayers

Model: UX Super	4201	5201	6201	7601	8601	11201
Nominal tank capacity (l)	4,200	5,200	6,200	7,600	8,600	11,200
Actual tank capacity (l)	4,600	5,600	6,560	8,000	9,030	12,000
Fresh water tank capacity(l)	580					900
Internal tank cleaning system	Standard					
SmartCenter	Standard-Pack					
	Comfort-Pack					
	Comfort-Pack plus					
DirectInject	only with Comfort-Pack plus					
Xtreme-Clean	only with Comfort-Pack or Comfort-Pack plus					
Storage compartment (l)	240					
Induction bowl capacity	60 l with large storage space, rinse ring, canister rinse nozzle, mixing nozzle and hand lance					
Suction rate of induction bowl (l/min)	200					
Pump capacity (l/min)	520 (260 + 260)			650 (300 + 350)		700 (350 + 350)
Max. suction capacity (l/min)	700			800		900
Pump drive	mechanical or hydraulic					
max. flow rate when spraying – standard	200 l/min (at a spray pressure of 1 to 10 bar)					
max. flow rate when spraying with HighFlow ⁺	400 l/min (at a spray pressure of 1 to 10 bar) only with Comfort-Pack or Comfort-Pack plus					
Straight drawbar – top mounted	rigid					
Hitch drawbar – lower mounted	rigid					
Drawbar shock absorbance system	Standard					Standard
Parking jack	hydraulic					
Towing eyes	Option					
Axles	Adjustable axle					
	rigid – 2,000 mm		rigid – 2,100 mm			
	steered up to 15° – 1,800 mm					
	steered up to 20° – 2,000 mm					
	steered up to 28° – 2,100 mm					
Axle suspension, passive				Option		
Axle suspension, active – hydro-pneumatic	Option			Option		Standard
Track widths (m)	1.50 – 2.25	1.80 – 2.25	2.00 – 2.25	1.80 – 2.25		2.00 – 2.25
min. tyre size (diameter)	270/85 R48 (Ø 1,740 mm)	300/95 R52 (Ø 1,890 mm)	480/80 R46 (Ø 1,936 mm)	380/90 R46 (Ø 1,842 mm)		
max. tyre size (diameter)	620/70 R46 (Ø 2,050 mm)			710/75 R42 (Ø 2,140 mm)		520/85 R42 (Ø 1,950 mm)
	further tyre options on request					
Braking systems	Hydraulic braking system / pneumatic braking system – depending on national regulations!					
ALB	Standard in conjunction with a pneumatic braking system					
Axle steering	AutoTrail axle steering only in conjunction with steered axle					Single- / Double-Trail
Automatic slope compensation	Standard in conjunction with AutoTrail axle steering					
External wash kit	Option					
Underbelly covers	Option					
Transport height (m)	3.52 – 3.79		3.75 – 3.90	3.65 – 3.80	3.75 – 3.90	3.90
Transport length (m)	6.85 – 7.30		7.05 – 7.50	7.95 – 8.10		9.70
Unladen weight (from kg)	4,044	4,089	4,274	4,828	4,978	8,054
Working widths (m)	21 – 48					30 – 48
Spraying height (m)	approx. 0.5 – 2.5 m depending on the tyres					
max. working pressure (bar)	10					

 = Standard

 = Option

 = Selection

Booms

for UX Super trailed sprayers

Boom type	Super-L2													Super-L3							
Working widths (m)	21	24	27	27	27	28	28	30	32	33	33	36	36	30	33	36	39	40	42	45	48
possible reduced working widths	15	19	19	21	19	22	24	26	26	26	27	28	30	24	24	24	33	33	33	35	36
	9	10	10	15	10	15	15	19	19	19	21	19	24	12	12	12	24	24	24	24	24
				8		8	8	10	10	10	12	10	12				12	12	12	12	12
UX 4201, UX 5201, UX 6201, UX 7601, UX 8601																					
UX 11201																					
1-, 3-, 4-fold without DUS																					
1-, 3-, 4-fold with DUS																					
AmaSwitch plus 3-fold, DUS pro, 50 cm																					
AmaSwitch plus 4-fold, DUS pro, 50 cm / 25 cm (option)																					
AmaSelect, DUS pro, 50 cm / 25 cm (option)																					
Boom fold	Number of spool valves																				
Profi-fold 1	1 single-acting and free flow return / Load-Sensing																				
Flex-fold 1	1 single-acting and free flow return / Load-Sensing																				
Flex-fold 2	1 single-acting and free flow return / Load-Sensing																				
Boom guidance	Number of sensors for boom guidance																				
DistanceControl	2 (Profi-fold 1, Flex-fold 1 & 2)																				
DistanceControl plus	4 (Profi-fold 1, Flex-fold 1 & 2)																				
ContourControl	4 (Flex-fold 1), 6 (Flex-fold 2)																				
ContourControl with SwingStop	4 (Flex-fold 1), 6 (Flex-fold 2)																				
ContourControl with SwingStop plus																	6 (Flex-fold 2)				
Boom lighting																					
LED work lights	Option																				
LED individual nozzle lighting	Option / Standard with AmaSelect																				

Operation / Terminal	ISOBUS
ISOBUS software	Standard
GPS-Switch	Option
GPS-Maps	Option
GPS-Track	Option
Other AmaSelect functions	
AmaSelect HeightSelect automatic height adjustment	Standard
AmaSelect CurveControl curve compensation	Standard for AmaSelect with ContourControl
AmaSelect Row band application	Option
AmaSelect Spot spot application	Standard

■ = Standard

■ = Option / Standard

■ = Option

■ = Selection

Illustrations, content and technical data are not binding and may differ depending on the level of equipment. Country-specific road traffic regulations apply and must be complied with, meaning that special approval may be required. The permissible axle loads and total weights of the tractor should be checked. Not all the listed combination options are possible with all tractor manufacturers.

The smaller alternatives – The UX Special and UG trailed sprayers

For smaller farms, AMAZONE offers the UX Special and UG trailed sprayers with tank capacities from 2,200 to 5,200 litres. Further information can be found in the machine specific brochures.



AMAZONE



Illustrations, content and technical data are not binding and may differ depending on the level of equipment. Country-specific road traffic regulations apply and must be complied with, meaning that special approval may be required. The permissible axle loads and total weights of the tractor should be checked. Not all the listed combination options are possible with all tractor manufacturers.



AMAZONEN-WERKE H. DREYER SE & Co. KG

P. O. Box 51 · 49202 Hasbergen-Gaste/Germany

Phone +49 (0)5405 501-0 · Fax +49 (0)5405 501-193