



AMAZONE

UF



UF mounted sprayer

Leading through design, innovation and reliability!



- ! "During the test, the Amazone UF 1201 was impressive and not only by its comfortable operation, it had also the best boom guidance and the most precise metering."

(profi – Practical test "5 mounted sprayers in comparison" · 01/2013)

The compact UF mounted sprayer, with tank capacities from 900 to 1,800 litres, is characterised by its strong, robust construction yet lightweight design. With a choice of Q-Plus, Super-S1 or Super-S2 booms, and in boom widths from 12 to 30 m, the UF is a machine that caters for a wide ranging size of farm.



UF

slick – sleek – sly

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! “Also in work, the level of variation is the major bonus. From mechanical operation right through to ISOBUS communication with Section Control – anything is possible.”

(dlz agrar magazine – Field test UF 1201
“Super also in small widths” · 05/2016)

Tank sizes from

900 to 1,800 litres

Boom widths from

12 to 30 m



AmaSwitch

individual nozzle switching as an option

Q-Plus, Super-S1 and Super-S2

sprayer booms with their characteristic lightweight design

With FT front tank

up to **2,800 litres**

Top features:

- ⊕ Robust construction yet lightweight design
- ⊕ Light and smooth polyethylene spray agent tank with favourable centre of gravity
- ⊕ Sprayer boom in super light, super strong and super compact profile design
- ⊕ Outstanding boom suspension for an exceptional boom ride
- ⊕ Maintenance-friendly self-priming piston diaphragm pump which can run dry
- ⊕ Induction bowl with Power-Injector for quick, reliable and precise chemical fill
- ⊕ AmaSwitch individual nozzle switching – 50 cm part-width section control available as a special option
- ⊕ With the FT front tank, tank capacity can be increased up to 2,800 litres – for even higher work rates

DUS

pressure recirculation system as an option



MORE INFORMATION
www.amazone.net/uf

ISOBUS offers many advantages:

- ⊕ All AMAZONE ISOBUS sprayers are certified to UT 2.0 in accordance with the AEF conformity test. This means that these AMAZONE machines can be operated via any terminal which is available on the market that has also been certified according to UT 2.0. In addition, with an ISOBUS compatible SectionControl licence, AMAZONE ISOBUS sprayers can be switched via a third-party ISOBUS terminal.
- ⊕ AMAZONE's AMATRON 3, CCI 100 and AMAPAD terminals and all AMAZONE ISOBUS machines support the AUX AEF functionality. This means, that, for instance, the keys of an existing AUX-N compatible multi-function joystick can be reprogrammed to suit an individual's needs. So, any function is there, exactly where the operator wants it to be.

Introducing a comprehensive family



AMAZONE field sprayers fulfil the demands of the crop protection regulations, the guide lines of the Julius Kühn Institute and the highest European test standards (ENTAM certification).

On request AMAZONE field sprayers are provided with an official certificate of inspection for field sprayers.



UF 1801
1.980 litres



UF 1501
1.720 litres

- ❶ “Those people who like to look into the tank from above can do this without any danger thanks to the standard ladder with platform and handles.”

(dlz agrar magazine – Field test UF 1201
“Super also in small widths” · 05/2016)

- ❶ “Those using the machines rated the build quality and the paint finish of the machines as very good. The highest rating was also given for service life, the ease of mounting and dismounting from the tractor as well as the manoeuvrability and compactness. Furthermore, the boom width and the unproblematic suspension were also praised.”

(Quotation: BBA recognition 2006)





UF 1201
1.350 litres



UF 901
1.050 litres



**So easy:
mount up, fill and off we go!**



- ✔ **Functional tank design**
 - Slim-line tank with favourable centre of gravity
 - Smooth tank walls for easier cleaning inside and outside
 - Minimised residual volumes even on slopes due to the optimised design
 - Effective agitation capacity and JKI-certified



Quick coupler system

Just a few connections. Quickly and safely.

With a few connections you can quickly and safely attach the UF on to the tractor. Sufficient space between the tractor and the sprayer makes attaching easy.

With the parking wheels, the sprayer can be moved easily. The quick coupler system and the Tele-Space PTO shaft – available on request – ensure an even faster and simpler attachment to the tractor. All cables and hoses are arranged in a clear, functional manner to avoid any mix ups.



UF 1801
with 24 m Super-S2 boom and transport wheels (braked)

- ❗ "The Amazone UF features the lowest centre of gravity distance and at 1.3 t, a low unladen weight."
(profi – Practical test "5 mounted sprayers in comparison" · 12/2012)



Fresh water rinse tank

Induction bowl

The 120 litre (901/1201) or 180 litre (1501/1801) fresh water container is situated under the main spray tank. Simple, ground-level filling is made possible by good positioning on the right-hand side as viewed in the direction of travel. If desired, the fresh water tank can also be filled via the fill port on the left-hand side.

UF 1201
with 24 m Super-S2 boom

- ❗ "We were again very impressed with the strong transport wheels."
(profi – Practical test "5 mounted sprayers in comparison" · 12/2012)

Everything is functional when in orange and green

Fast and safe filling



✔ Filling via the suction hose

The sprayer can be filled using the suction hose via the 2" suction port. The liquid flow is routed in such a way that during the filling procedure there is always clean water available at the induction bowl.

❗ "In terms of filling capacity, the sprayer from Amazone is right out in front."

(profi – Practical test "5 mounted sprayers in comparison" · 12/2012)



Option: fill port

For filling from a pressurised hose, a fill port with either a Geka or Camlock coupling is available as an option. Using this connection, the fresh water can be simultaneously filled from the left hand side.



Piston diaphragm pumps

The piston diaphragm pumps run perfectly happily when dry and are liquid fertiliser safe. The design of the pumps simultaneously ensures an even, high delivery capacity with a high filling performance and quiet operation even under high pressure.

Pumps with either 160, 210 and 250 l/min output capacity are available.

For a constant, functional supervision of the pump from the tractor seat, the oil reservoir for the pump is placed up on the headstock in full view of the operator.

Fill level indicator

The fill level indicator is readable both externally via a mechanical pointer and in the cab electronically via either the AMATRON 3 or the AMASPRAY⁺ on-board computers.



- ✔ A 2" discharge port for quick emptying under pressure, for example, transferring to a front tank, can also be supplied (option).

Operator station UF

Simple and clear

All functions are controlled with only three levers:

- 1) **Pressure Vario-Control valve** for filling, inducting, spraying, internal or external cleaning
- 2) **Quick emptying** (option) for emptying the spray liquid tank with the aid of the pump
- 3) **Agitation valve** for the infinitely variable setting of the agitation intensity via the self-cleaning pressure filter.
Integrated additional function: Specific draining of the pressure filter
- 4) **Suction Vario-Control valve** for drawing from the spray agent tank, from the fresh water tank or via the suction hose.
Integrated additional function: Venting of the suction filter for pressure-free residue draining.



✔ Clear and user friendly.

All control elements are logically and unmistakably arranged directly to the front left-hand side of the operator. The valves are all marked with self-explanatory symbols to avoid operational errors. Compare!

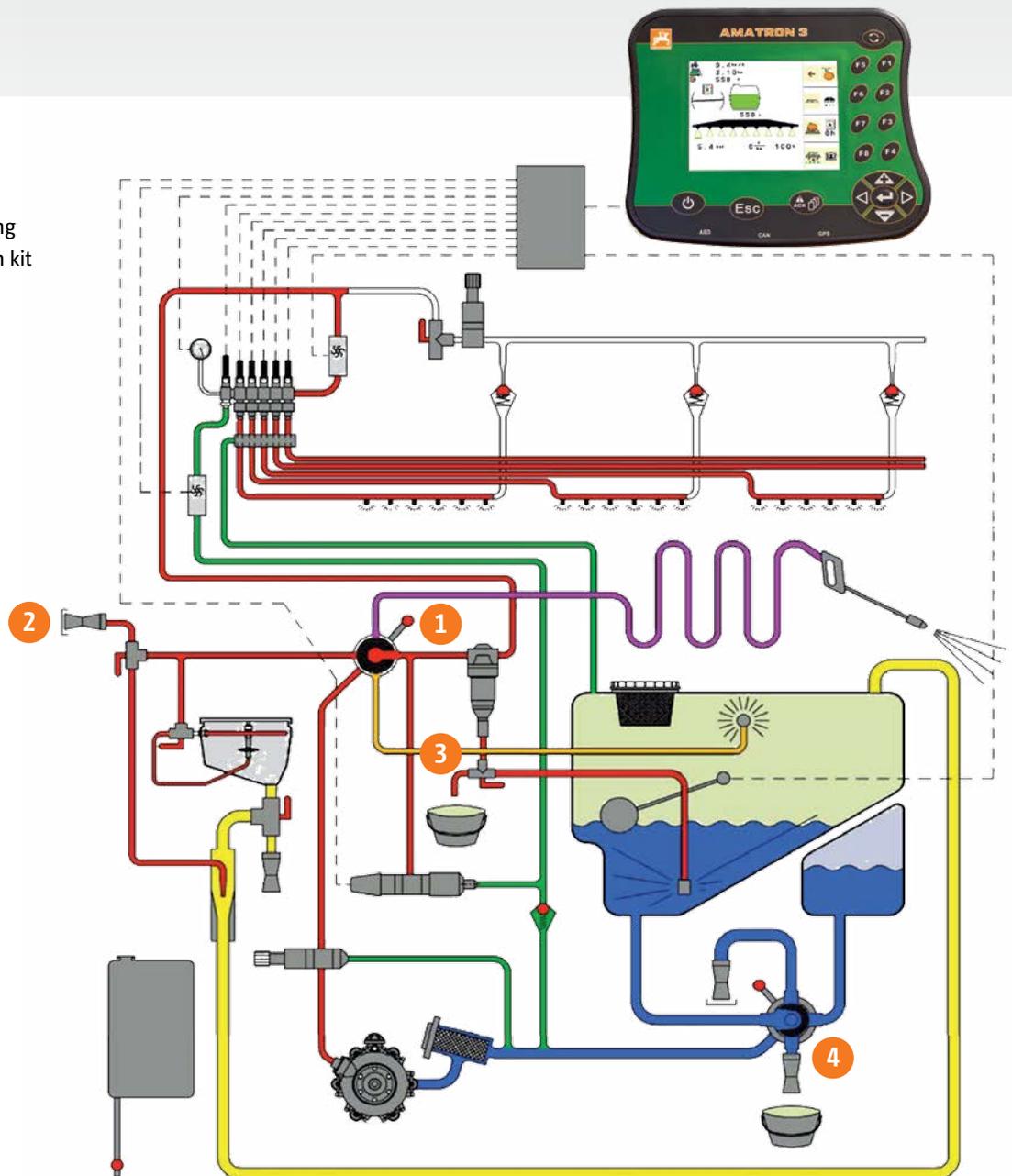
❗ “All the valves and taps are located on the left hand side which means less walking.”

(dlz agrar magazine – Field test UF 1201
“Super also in small widths” · 05/2016)

UF liquid circuit

- ✓ AMATRON 3 – execution with DUS, quick emptying and external wash down kit

- Suction side
- Pressure side
- External cleaning
- Internal cleaning
- Return flow
- Filling venturi



- ✓ Liquid circuit UF – logical and convenient

The liquid circuit of the UF series has been optimised for operator friendliness and lowest residual sprayer volumes. Cleaning with a partly filled tank is possible and also the targeted emptying of the suction and pressure filter prior to opening the filter housing.

Exact mixing of the spray agents

Safe and quick with the induction bowl

The 55 litre induction bowl offers fast and clean working and is very easily accessible from the front left of the central operator control panel.



With the Venturi system, a high fill throughput is attained. The same professional induction bowl is used on the UX trailed sprayer.



Induction

Powdery agents and high rates of granular fertiliser are quickly and safely dissolved via the rinse ring and simultaneously inducted at high capacity. Three additional jets provide the spill-free and effective induction. Stepless adjustment of the delivery and induction rates.

Canister flushing

For unproblematic cleaning of the spray agent canisters and for full utilisation of the contents, the canisters are flushed using the rotary nozzle. With this nozzle, the induction bowl can be cleaned even when the lid is closed. A dead man's control keeps the user safe.

- ❗ “The three additional mixing nozzles provide a high agitation effect and allow the induction of agents difficult to dissolve. Practical thinking: when closed, the canister flushing also cleans the lid and the induction bowl.”

(dlz agrar magazine – Field test UF 1201
“Super also in small widths” · 05/2016)

Pressure filter

The self-cleaning pressure filter is standard equipment. The agitator tap also enables the specific draining of the pressure filter. In this way the filter can be checked without any spray agent escaping – especially useful when the tank is full.





Infinitely variable, hydraulic agitation intensity

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

On AMAZONE crop protection sprayers, the unsprayed plant protection agent is delivered back via the return flow into the suction system. In this way any unintended agitation of the spray liquid via the return flow is prevented.

Comfort-Pack for in-cab control of the filling and cleaning

One option with three functions for all UF sprayers with ISOBUS communication

- ✔ Automatic fill stop for controlling, on and off, the suction tap at the desired fill level.
- ✔ Automatic agitator shut off at a fill level of less than 5% (the nominal volume) results in small residual volumes.
- ✔ The cleaning of the spray line, tank and agitator can be carried out via the ISOBUS terminal. There is no need for the operator to leave the tractor cab.

Internal and external cleaning

The standard internal tank cleaning system with rotary nozzle ensures quick and effective washing out. Smooth tank walls without nooks and crannies allow safe function and simple monitoring.

The optionally available spray lance allows the thorough external cleaning of the sprayer immediately after operation whilst still in the field. The 20 m hose reel supplies a working pressure of 10 bar to enable effective cleaning with little water consumption.



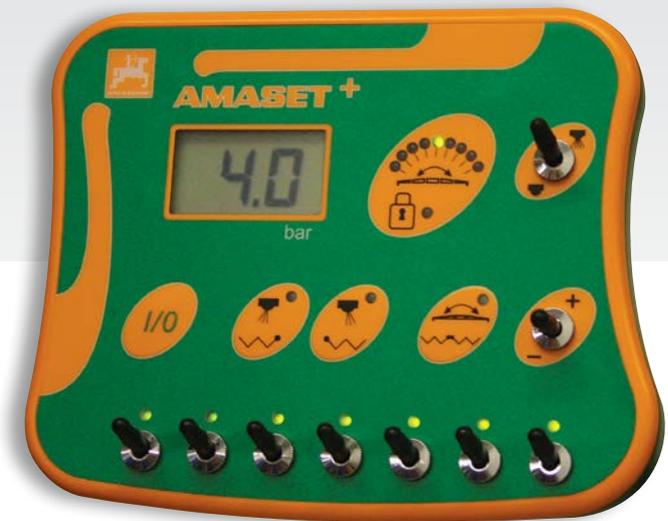
AMASET⁺ control box

AMASET⁺ – simple and safe

The AMASET⁺ control box is a comfortable solution for user-friendly and environmentally friendly crop protection application. All important spraying functions being controlled remotely from the tractor cab. Within the same tractor gear the spray rate (l/ha) remains constant.

Standard functions:

- ✔ Digital pressure indication
- ✔ Overall and part-width section on/off
- ✔ Up to 7 part-width sections
- ✔ Electric in-cab pressure adjustment
- ✔ Display of boom position and locking status



Special functions:

- ✔ Pre-select fold for the independent boom folding
- ✔ End or boundary nozzle for the Super-S boom (alternatively to pre-select fold)
- ✔ Fold or tilt via 1 double acting control valve (electric changeover unit)

High-tech valve chests



- ✔ **Manually-actuated HB valve chest**
The manually operated valve chest allows spraying without any electrical power supply. The main switch, the manual pressure adjustment and the switching on and off of either three or five boom part-width sections are arranged in a clever, ergonomic manner. Due to the equal pressure system the spray rate per hectare remains constant when switching on and off the part-width sections.



- ✔ **Electrically-controlled NG valve chest**
The equal pressure NG valve chest for the AMASET⁺ control box is positioned in the centre of the boom. Ultramodern motor valves allow the fast, drip-less on/ off control. Matching the equal pressure valve chest to the nozzle size is quickly and easily carried out via the colour coordinated dials.



- ✔ **Electrically-controlled TG valve chest**
For actuation using either ISOBUS or AMASPRAY⁺, modern valve chest technology is utilised. The part-width boom sections are switched, on and off, quickly and drip-free via electric motor valves with pressure relief. In all situations the spray rate is exactly and quickly controlled directly via the computer and so negating the need for any mechanical equal pressure control.

Operator terminal AMASPRAY+

AMASPRAY+ – simple and versatile

AMASPRAY+ enables the simple yet fully automatic regulation of the UF. Switches, integrated into the operator terminal, make possible the isolation of 5, 7 or 9 boom part-width sections. AMASPRAY+ has digital pressure indication and digital tank level indication. It registers both, the quantity sprayed and the area worked. The actuation of the hydraulic functions though is carried out via the tractor control valves. AMASPRAY+ also visually indicates boom tilt and locking. As an option, AMASPRAY+ enables one-sided folding of the boom or alternatively the access to the boundary and end nozzle spraying systems.

The AMASPRAY+ operator terminal with serial Interface can also be used for the automatic documentation (ASD) and part area site-specific application via a GPS terminal.



- ❶ “With the AMASPRAY+ in-cab terminal in combination with ProfiClick, the sprayer can be comfortably operated.”

dlz agrar magazine – Field test UF 1201
“Super also in small widths” · 05/2016)

Standard functions:

- ✔ Single, high-contrast, backlit screen
- ✔ Overall and part-width section on/off
- ✔ Up to 9 part-width sections
- ✔ Digital pressure indication
- ✔ Digital fill-level indicator
- ✔ Display of boom position and locking status
- ✔ Hectare counter (total and daily counter)
- ✔ +/- 10 % key
- ✔ Field record management system

Special functions:

- ✔ Pre-select fold for the independent boom folding
- ✔ End or boundary nozzle for the Super-S boom (alternatively to pre-select fold)
- ✔ Fold or tilt via 1 double acting control valve (electric changeover unit)
- ✔ ASD inside: serial interface for documentation and GPS terminal versatility

ProfiClick

The small switchbox with a huge comfort factor

The new ProfiClick switchbox offers the simple and precise actuation of all hydraulic functions of the booms with AMAZONE crop protection implements.

It is available in combination with the electro-hydraulic pack “Profi-fold 1” for the entire crop protection sprayer product range from AMAZONE. All the operational functions of the ProfiClick switchbox are ergonomically arranged and directly linked with a function. The potentiometer for the re-adjustment of boom tilt can be controlled on the move without looking thanks to the centre position via a detent function. So the driver can concentrate perfectly on driving.



- ✔ ProfiClick switchbox without steering
– for UF mounted and UG or UX trailed sprayers
– Operation of the boom functions via a constant oil flow

- ❶ Ergonomic hand support
- ❷ On/off
- ❸ Boom pendulum lock
- ❹ Boom fold
- ❺ Boom up/down
- ❻ Boom tilt



ISOBUS terminals

ISOBUS is the name for a communication standard, valid world-wide, between operator terminals, tractors and implements on the one hand and agricultural office software on the other hand. That means with one terminal you can control all ISOBUS compatible implements.

The UF sprayer can be operated with different AMAZONE ISOBUS terminals:



AMAZONE AMATRON 3
5.6" size screen



AMAZONE CCI 100
8.4" size touch screen

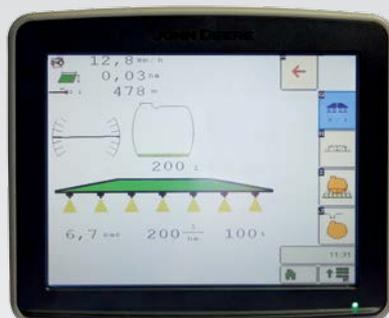


AMAZONE AMAPAD
12.1" size touch screen

Other ISOBUS terminals



e. g. Fendt Vario terminal



e. g. John Deere GreenStar



e.g. Müller COMFORT terminal

MEMBER OF



✔ AmaPilot multi-function joystick

Actuating the boom and control chest functions is particularly comfortable via the AmaPilot multi-function joystick. All the functions in the operation menu can also be actuated via the AmaPilot multi-function joystick or other ISOBUS joysticks (AUX-N).



The benefits thanks to ISOBUS:

- ⊕ AMAZONE ISOBUS sprayers are UT 2.0 certified and as such can be operated via any ISOBUS terminal with UT 2.0.
- ⊕ All AMAZONE ISOBUS terminals and job computers support the AUX standard enabling the keys to be assigned on any AUX-N compatible multi-function joystick.
- ⊕ AMAZONE ISOBUS sprayers can be accessed with any ISOBUS compatible Section Control licence.

Special characteristics of AMAZONE ISOBUS sprayers:

- ✔ Up to three user profiles and individual interfaces for different drivers can be created.
- ✔ The operation menu can be optimally matched to the differing numbers of keys on other ISOBUS terminals.
- ✔ Any machine function can be freely positioned in the menu set-up.
- ✔ Complete documentation via TaskController (ISO-XML). As an alternative to documentation via TaskController, the simple recording of field data (worked area, required time and applied rate) is possible. The recorded data can then be captured as a screen shot and then exported via a USB stick.

Important information

Please note that when working with other ISOBUS terminals, additional Section Control software, for example, from the tractor manufacturer, is normally necessary. This is not usually included in the standard version of other ISOBUS terminals.

2-terminal solution

A twin-terminal solution with the simultaneous use of a tractor ISOBUS terminal and AMATRON 3 or CCI 100 is recommended if the tractor terminal does not support the Section Control function or if you intend to use the sprayer via AMATRON 3 or CCI 100 and a separate screen.

Modern operator terminals



AMATRON 3

AMATRON 3 is fully downwardly compatible to AMATRON⁺ and upwardly compatible to the ISOBUS standard and forms a bridge between the non-ISOBUS and ISOBUS world.

AMATRON 3 enables the user to safely and comfortably operate both AMAZONE implements with AMATRON⁺ (AMABUS) and implements that meet the ISOBUS standard. Needless to say, even if these are not from AMAZONE.

AMATRON 3

The terminal for all crop protection functions

Accurate metering and simple operation

The AMATRON 3 operator terminal allows the fully automatic regulation of the pre-set application rate (l/ha). Rate changes are possible in pre-selected % steps.

Due to its clear, simple and logical handling and its illuminated keys, this terminal is especially operator-friendly. For monitoring the system a high contrast and low reflection display has been installed. The very compact shape of the terminal requires little space in the tractor cab.

By using two flow meters, the application rate is extremely precisely maintained, particularly at low spray rates.

The terminal features the following functions:

- ✔ ISOBUS machine operation
- ✔ AMABUS machine operation
- ✔ Tractor ECU function
(Interface for speed and PTO shaft)
- ✔ TaskController job management for documentation
- ✔ Import/Export of field data via a USB stick
- ✔ GPS-Switch automated part-width section control (optional)
- ✔ GPS-Track parallel guidance system (optional)
- ✔ Optional external light bar display for GPS-Track parallel guidance
- ✔ GPS-Maps application map module (optional)
- ✔ ASD interface via RS232 (nominal rate transfer), e.g. for N sensors



Standard functions:

- ✔ Overall and part-width section on/off
- ✔ Digital pressure indication
- ✔ Digital fill-level indicator
- ✔ Display of boom position and locking status

Special functions:

- ✔ Foam marker
- ✔ End or boundary nozzle on/off control
- ✔ Pre-select fold for the independent boom folding
- ✔ Profi-fold for independent boom folding or boom tip angling (only 1 tractor control valve required)
- ✔ DistanceControl – automatic boom guidance
- ✔ Comfort-Pack – remote controlled liquid flow circuit
- ✔ GPS-Switch, GPS-Track and GPS-Maps



✔ AMACLICK with AMATRON 3

Special crops and bed work often require the on/off switching of the individual part-width sections in the middle of the boom. For this, the AMACLICK is an ergonomic controller which can be operated both in conjunction with the AmaPilot multi-function joystick and also just with the AMATRON 3.

GPS-Switch, GPS-Track and GPS-Maps

Even more precision with GPS-Switch, GPS-Track and GPS-Maps

Available as optional equipment: GPS-Switch automated headland and part-width section control, GPS-Track parallel guidance and GPS-Maps part-area site specific application map function.



GPS-Switch for AMATRON 3

This GPS assisted operator terminal system automates the exact control of the machine on the headlands, around the field border and when spraying in wedges. The working width and the arrangement of the part-width sections are taken into account.

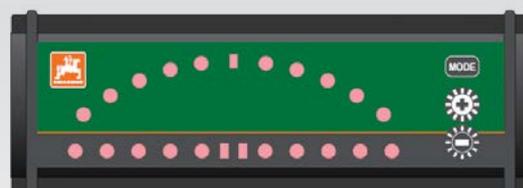
The automatic GPS-Switch part-width section control offers precision, comfort and safety: simply select the desired degree of overlap and leave the GPS-Switch in automatic mode. So, even in difficult circumstances, such as wider working widths, limited visibility at dawn or dusk, or in high crops, the job can be mastered. In addition: you save up to 5 % on crop protection agents, whilst at the same time safeguarding the environment and can fully focus on monitoring the sprayer.



GPS-Track for AMATRON 3

The GPS-Track parallel driving aid turns out to be an enormous advantage for easy orientation in fields without tramlines or on grassland. It features various track modes, such as A-B line and contour travel and an obstacle function. The bouts are numbered all the way across. The deviation from the true line is shown on the display. Unmistakable steering recommendations help keep you in the track. Also the distance to the next tramline is shown precisely, providing the ideal guide, for example, when locating the correct maize row.

- ✔ External light bar for GPS-Track parallel driving aid
 As a possibility, an external light bar display is available which can be easily used in conjunction with GPS-Track. The external light bar display can be freely positioned anywhere in the cab.





GPS-Maps for AMATRON 3

An additional module enabling the GPS-based processing of application maps in Shape format, both in AMABUS as well as in ISOBUS mode.

Either the application rate or the actual amount of active ingredient applied can be displayed. These rates are then still matched in the AMATRON 3.

With the standard TaskController, both in AMABUS as well as in ISOBUS mode, application maps can be processed in ISO-XML format without using GPS-Maps.



Future proof technology

The serial interface (RS232), that enables use to be made of sensor technology (e.g. Yara N-Sensor) or different GPS terminals, is integrated, as standard, into the comprehensive equipment level provided by AMATRON 3 and AMASPRAY+.

So, depending on the target and the terminal, several possibilities are offered, both for part-area site specific application from a map or using a sensor. You, as the operator, can decide for yourself on the right system for your conditions and application.

Documentation with ASD

Starting from field records, the automatic plot related documentation (ASD) offers the possibility to exchange, via a blue tooth interface, application plans and actual spray programmes with the AMASPRAY+ and AMATRON 3 operator terminals. Documentation becomes more precise and simpler. Many hand-written steps are no longer required.

ASD now enables documentation in conjunction with many major field record database providers in Europe. The ASD interface is available as an open standard for all device and software providers. With ASD, AMAZONE offers a practical, value for money documentation system for all types of farming.



CCI 100 terminal

The benefits

The CCI ISOBUS terminal from AMAZONE is the result of the cooperation with several other manufacturers of agricultural machinery who are joint participants in the Competence Center ISOBUS e.V (CCI). With CCI, AMAZONE and its partners have laid the foundation to introduce ISOBUS into practice. The CCI is the basis to convert all AMAZONE machinery and implements successively to the ISOBUS standard.

- ✔ The bright 8.4" colour display with its high screen resolution and ambient light sensor matches the brightness automatically to the light conditions. This avoids the driver in twilight or at night being blinded by too bright a display.
- ✔ Easy input via the operator-friendly touchscreen display, or via the softkeys.
- ✔ Fatigue-free operation at night is assisted by the back-lighting of the keys which are also connected with the light sensor.
- ✔ The proven AMAZONE one-handed operation is still possible because the function of the „soft keys“ can be simply mirrored.
- ✔ For intuitive menu guidance and the convenient input of values and text, the terminal is provided with a high-quality touch screen.



- ✔ For the direct quick, input and adjustment of the input values, a scroll wheel with actuating function is ergonomically integrated in the housing.

The terminal includes the following functions:

- ✔ ISOBUS machine operation
- ✔ Tractor ECU function (Interface for speed, PTO shaft and lower link position)
- ✔ CCI.Control job management for documentation
- ✔ CCI.Command (optional):
 - automatic part-width section shut-off CCI.Command.SC
 - parallel guidance aid CCI.Command.PT
- ✔ Application maps supported in ISO-XML format
- ✔ USB interface for data exchange
- ✔ Interface for the connection of a GSM modem
- ✔ ASD and LH5000 interface via RS232 (nominal rate transfer), e.g. for N sensors
- ✔ Camera function CCI.Cam



- ✔ External light bar for CCI.Command.PT parallel driving aid
 - As a possible addition, an external lightbar is available which can comfortably be coupled with CCI Command PT. The external lightbar can be positioned freely in the tractor cab. The only precondition for its utilisation is the activation of the Parallel Tracking module in CCI.Command.

AMAPAD

An especially comfortable method of controlling agricultural machinery

The new dimension in control and monitoring

With the AMAPAD operator terminal, AMAZONE offers an entirely new and high-class solution for GPS application such as automated GPS based part-width section control and Precision Farming applications.

AMAPAD features an especially ergonomic, 12.1" touch screen. With the unique „Mini-View“ concept, applications that do not need to be actuated but which, however, need to be monitored, are clearly shown at the side. If needs be, these can be enlarged by „finger tip“ widening. The possibility also exists to customise the display, a feature which rounds off the exceptional layout of this operator terminal.

The terminal includes the following functions:

- ✔ ISOBUS implement operation
- ✔ TaskController job management for documentation
- ✔ automated GPS-Switch pro part-width section control
- ✔ Integrated light bar for GPS-Track pro parallel steering aid
- ✔ as an option: upgradable to automatic steering
- ✔ GPS-Maps pro application map module
- ✔ RS232 interface via SCU adapter (for data exchange)
- ✔ Two USB interfaces for data exchange
- ✔ WLAN mode (via USB adapter)
- ✔ GPS output



In addition to GPS-Switch pro part-width section control, a high-quality professional manual light bar guidance system is also installed as standard. GPS-Track can also be upgraded to an automated steering system.

The characteristics of AMAPAD:

- ✔ screen made from toughened glass
- ✔ housing made from impact-proof plastic
- ✔ extra-narrow rim for maximum visibility
- ✔ flush finish, no penetration of dust / humidity



AMAZONE aircraft-style boom design



✔ UF 1801 with LED individual nozzle lighting

✔ Lift mast with height adjustment of approx. 0.50 to 2.20 m

❗ "On the Amazone, the boom provides the biggest range of adjustment and quickest folding."

(profi – Practical test "5 mounted sprayers in comparison" · 01/2013)

❗ "The Amazone UF 1201 with its Super-S boom features the best suspension and damping."

(profi – Practical test "5 mounted sprayers in comparison" · 01/2013)



Simultaneously superbly strong and superbly light

Due to the special profile design AMAZONE sprayer booms are very light yet at the same time very robust. 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. For any operational use and any application rate the right nozzles are available, for example, for the optimum wetting, anti-drift or for liquid fertiliser use.

Boom design to perfection

In hilly terrain and with large working widths, hydraulic tilt adjustment makes sense. The quick and precise tilting and return of the boom into the level position is possible via a tractor spool valve or via the electro-hydraulic functions in the ISOBUS terminal.

3-fold shock absorbed suspension for the most arduous operational conditions

- As standard all AMAZONE booms are equipped with
- ✔ springs and shock absorber pack for damping the vertical roll movements
 - ✔ rubber buffer damping elements with ball suspension to damp down the horizontal yaw movements
 - ✔ tension springs for the shock absorbed suspension of the entire boom

As standard also is hydraulic height adjustment and guide skids that results in the perfect boom guidance and thus, the accurate longitudinal and lateral distribution of the spray agent.

Both Q-plus and the Super-S series AMAZONE booms are JKI recognised and comply to the highest European demands on crop protection implements – compare that with others!



Compare for yourself!

AMAZONE booms – an idea gets its way

Compactness matters!

Due to the low centre of gravity and the light and robust design of the machine it is easy to carry and the tractor front axle weight reduction is much less than with many competitors.

Drive safely!

The visibility in road transport is exemplary. Anywhere the tractor can go, the sprayer with its narrow booms goes as well. No protruding parts, no boom damage, minimal transport width.

Everything shipshape!

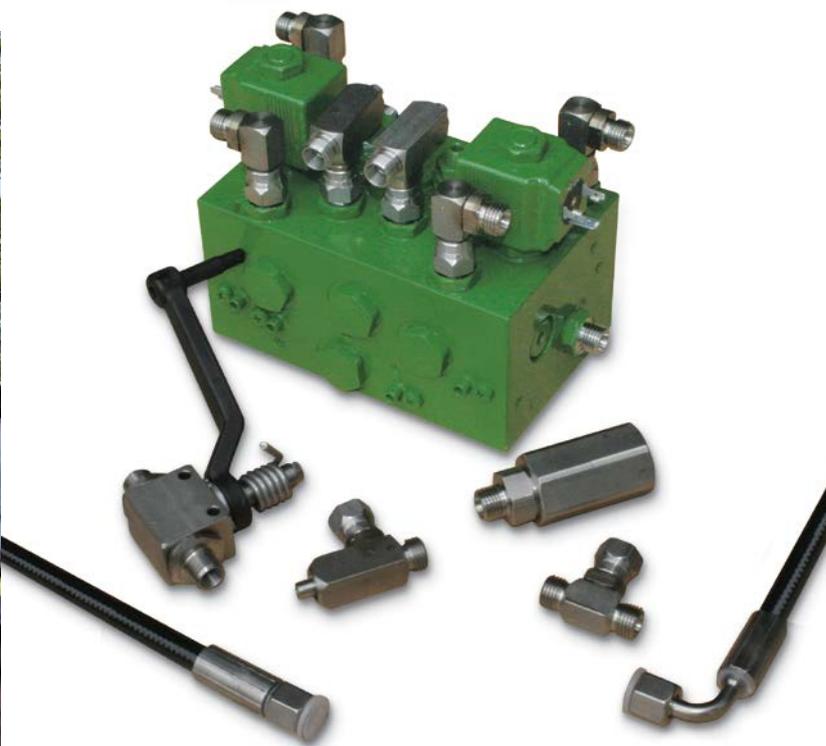
The boom locates safely in the transport hooks. No rattling. No wear susceptible boom that rests on the tractor. Travelling fast is not a problem.

Clean working!

No spray agent from the booms drips on to the tractor or on the operator station and the booms also do not hit the tractor cab.



The most important quality features



✔ A pivot joint that lasts!

Maintenance-free and with a long service life

The decades of experience in boom design pay off: The conical hinge pin is the intelligent centre of a well thought-out boom philosophy! The boom pivots self-adjust against any play on the conical hinge pins and that ensures for the user an optimised boom function even after many years.

Use of stainless steel, the catalytic painting process, with its automobile industry protection standards, as well as the targeted use of plastics and aluminium is the guarantee for high longevity.

Exclusively from AMAZONE: All hydraulic connectors are always made from stainless steel!

Q-plus boom

12 – 12.5 – 15 metres

Simultaneously superbly strong and superbly light

The hydraulic folding is done via oversized hydraulic rams. Included as standard: Hydraulic height adjustment, 3-fold shock absorbing suspension system and the one sided, independent folding on the left hand side as viewed in direction of travel. 80 mm wide profiles provide excellent rigidity.

The Q-plus boom can immediately be folded out at half height. Folding in is possible at any desired height. Two control valves are required:

- ✔ One single acting control valve for height adjustment
- ✔ One double acting valve for folding
- ✔ One double acting control valve for hydraulic tilt adjustment (option)

Q-plus boom with automatic locking and unlocking: The functions of boom folding and tilt adjustment can also be actuated via one tractor control valve with an optional electric changeover unit.



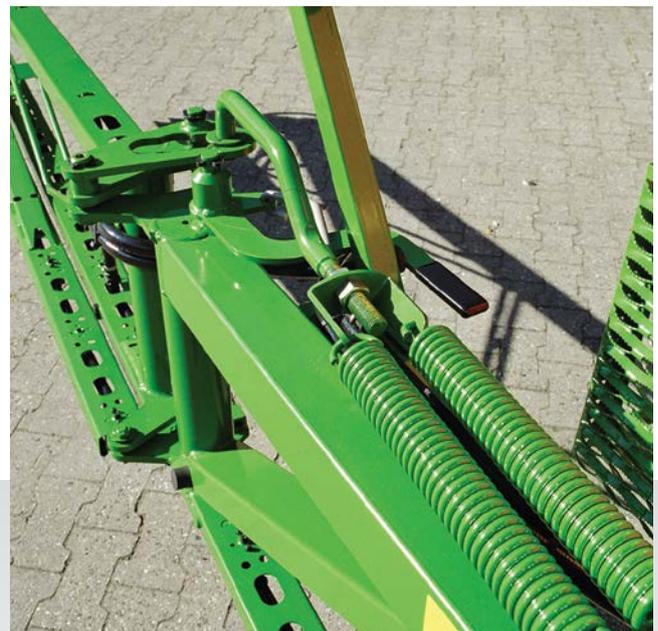
Also the manual folding out of the Q-plus boom is possible. The manual folding is actuated via powerful tensioning and pressure springs without locking catches.

✔ Central hose guidance

The central hose guidance ensures a clean and kinkfree routing of all hoses and cables.

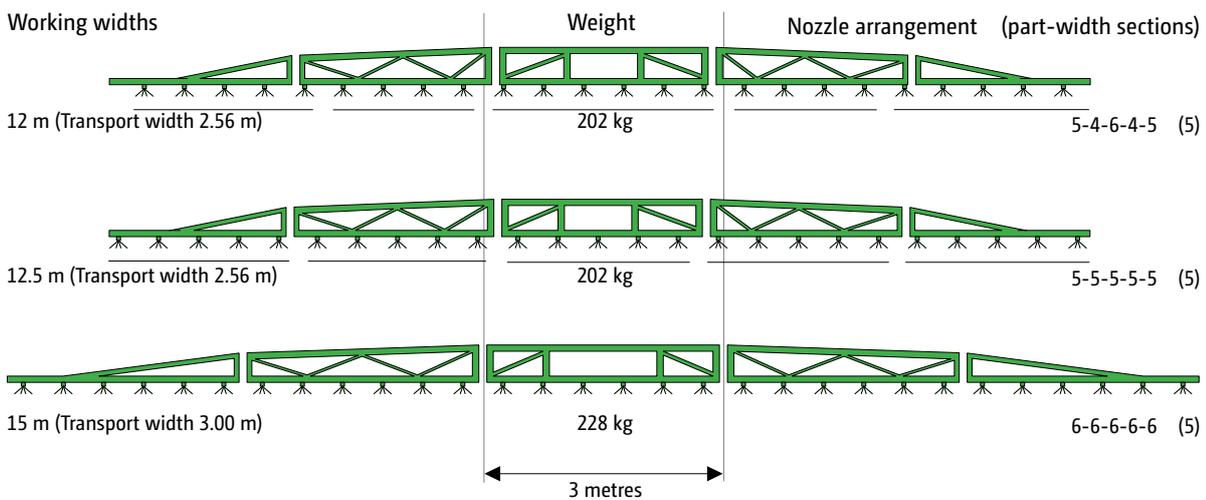


UF 901
with 15-m-Q-plus boom



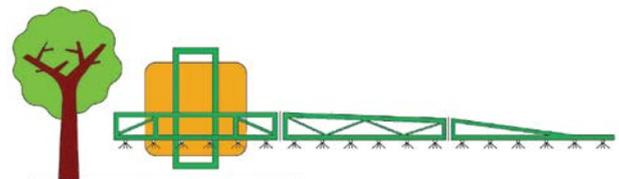
Manually folded Q-plus boom (option)

Boom division and folding options



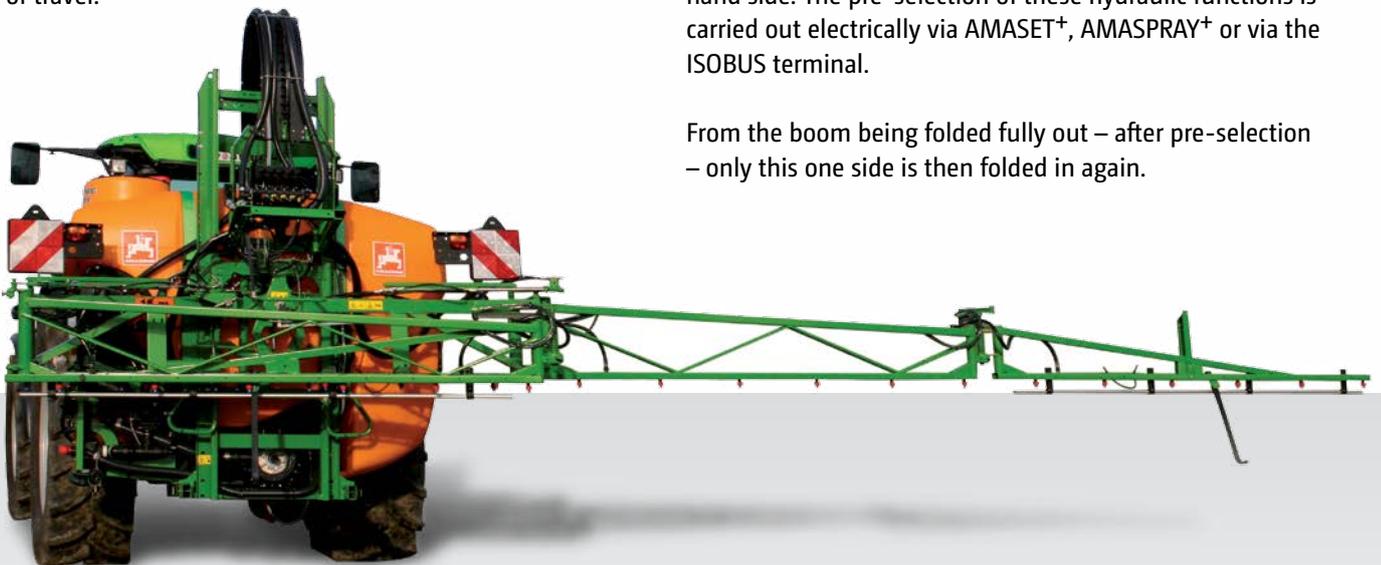
Independent fold of the Q-plus boom

As standard the Q-plus boom allows the one sided, independent fold on the left hand side viewed in direction of travel.



As an option, the Q-plus boom can be equipped with pre-select folding for the independent folding left or right hand side. The pre-selection of these hydraulic functions is carried out electrically via AMASET+, AMASPRAY+ or via the ISOBUS terminal.

From the boom being folded fully out – after pre-selection – only this one side is then folded in again.



Super-S1 boom

15 – 18 – 21 metres



UF 1201
with 21 m Super-S1 boom

❗ “The transport width remains just 2.40 m – a big benefit from the vertical folding of the boom pack”

❗ “The 21 m steel boom leaves a lasting impression.”

❗ “The boom is so robust and, during our application, the boom ride was pleasantly smooth.”

(dlz agrar magazine – Field test UF 1201
“Super also in small widths” · 05/2016)

- ❗ “As the boom sections now are up to 50 cm longer [...] the weight is transferred closer to the tractor due to the booms being mounted diagonally forwards.”
- ❗ “[...] has the benefit of having one joint less making the boom, on the one hand quicker folding, and on the other hand more cost-effective.”

(dlz agrar magazine – Field test UF 1201 “Super also in small widths” · 05/2016)

For every farmer and contractor the right boom

The highly-successful, vertically folding Super-S2 boom, in working widths from 15 to 30 m, is now supplemented by the new, more cost-effective Super-S1 boom. The new Super-S1 boom is available in working widths of 15 m, 18 m and 21 m.

The new boom section layout results in less hinge points allowing for a quicker folding process. Of course the usual robust profile design is maintained on these variants as well. Despite the individual sections of the Super-S1 boom being 50 cm longer in comparison to the usual Super-S2 boom, the transport height still is below 4 m. The compact transport width of 2.4 m is also maintained. Due to the new layout of the boom sections, the machine’s centre of gravity

is closer to the tractor, allowing the use of smaller crop husbandry tractors. The Super-S1 boom in working widths of 18 and 21 m can be reduced to 15 m just by folding in the outer boom segment, thus providing more flexibility for farm overlapping applications and in regions with small fields.

- ❗ “Particularly for medium-sized farms, the UF 1201 with its Super-S1 boom is an uncomplicated sprayer which, thanks to ProfiClick and the AMASPRAY+ computer, is comfortably actuated.”

(dlz agrar magazine – Field test UF 1201 “Super also in small widths” · 05/2016)



In conjunction with the Super-S boom and either AMASET+ or AMASPRAY+, these press buttons can also be used to control boundary or end nozzle control.

Super-S2 boom

15 – 16 – 18 – 20 – 21 – 24 – 27 – 28 – 30 metres

- ✔ The multiple-folded steel profiles of up to 140 mm wide make the Super-S2 boom simultaneously extremely robust and extremely light.

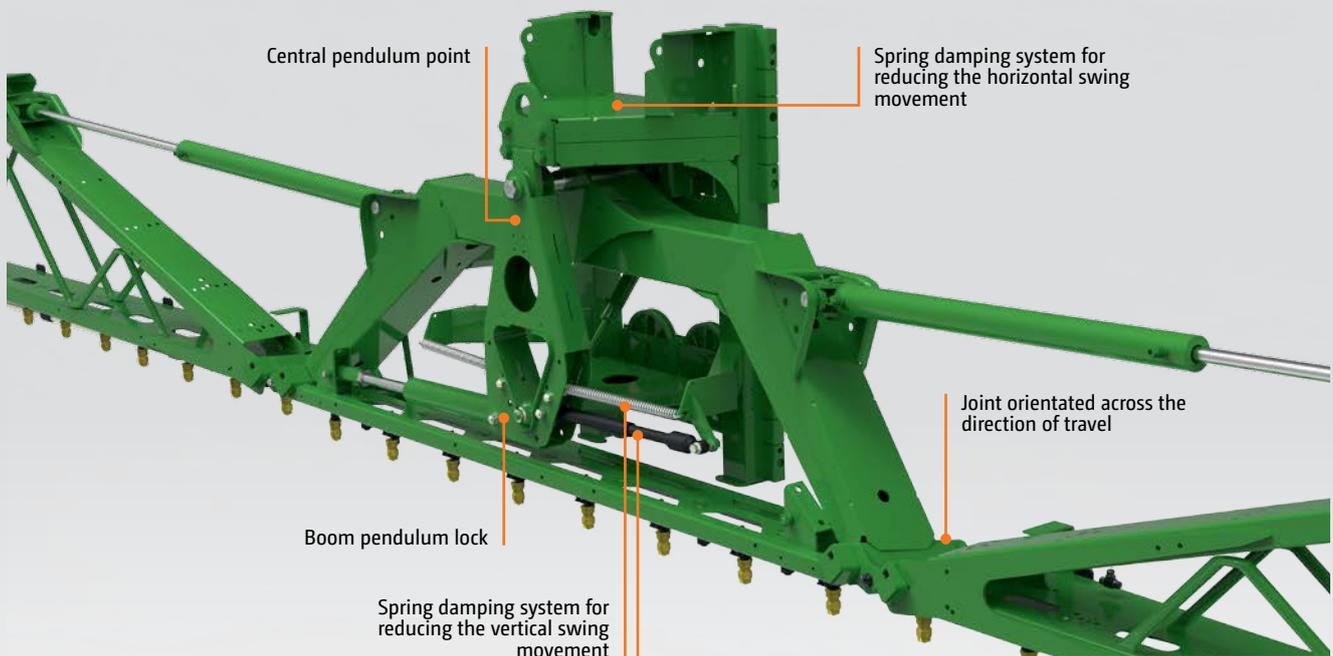
Superbly narrow transport width of only 2.40 m

The Super-S2 boom folds fully automatically in and out via hydraulic rams. In the transport position, the boom sits compactly behind the tank with a transport width of only 2.40 m and a transport height of 2.95 m with a standard tractor.

The 3-fold shock absorbing boom suspension system, the hydraulic height adjustment and the elastic height skirts ensure the perfect guidance of the Super-S2 boom with the right distance above the target surface.



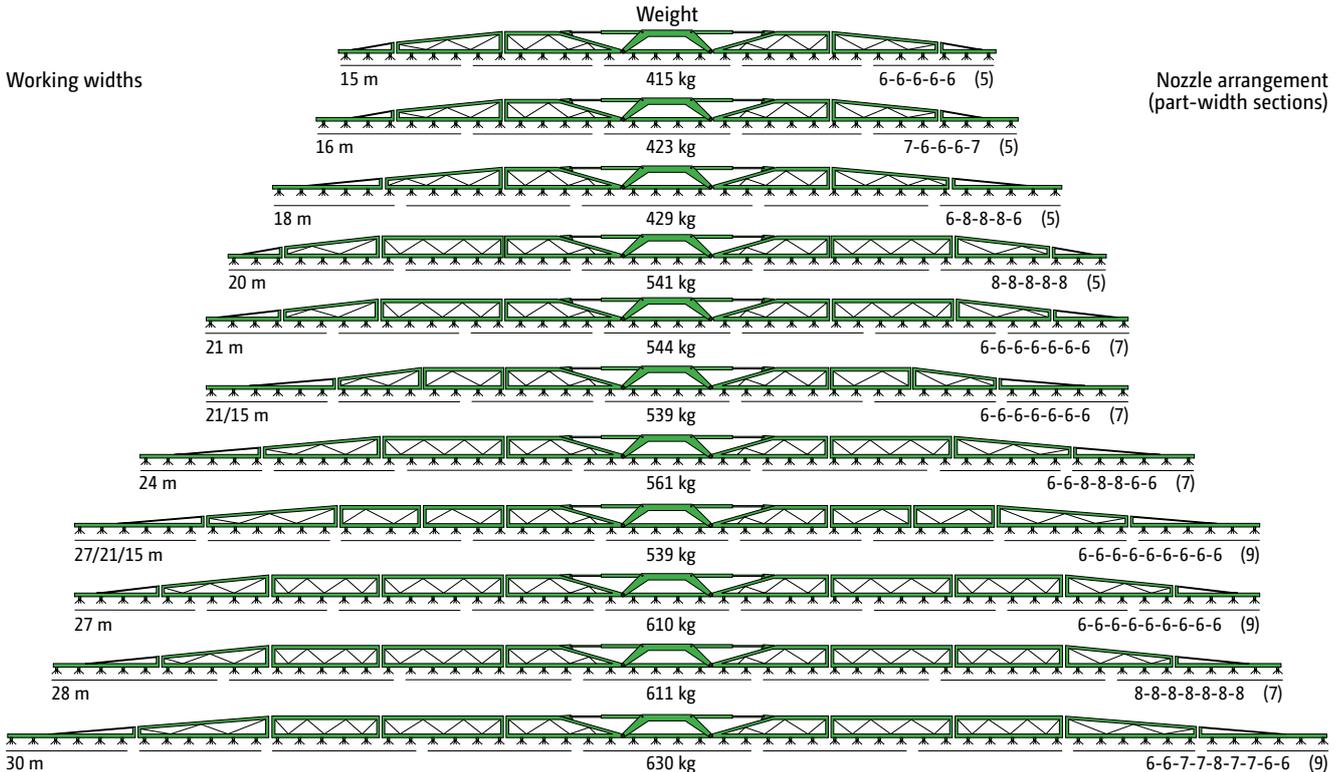
Super-S1 and Super-S2 boom suspension





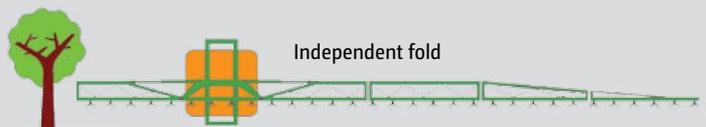
More than just the solid core:
Profiles made from high tensile steel

That what has been taken away from the boom's weight is returned in efficiency. The clever lightweight design makes use of the material where it makes sense. For instance, aluminium for weight reduction at the outer boom sections of the Super-S2 boom, but not however, in the middle of the boom. There, high tensile steel is necessary so that the boom is kept rigid and in line and so spray errors due to vibration are prevented.



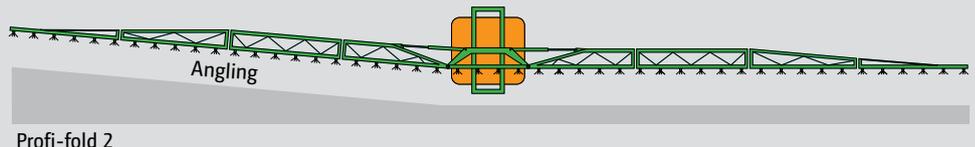
Pre-select folding

Independent, one-sided boom folding is possible with AMASET+, AMASPRAY+ and ISOBUS terminals via a valve chest.



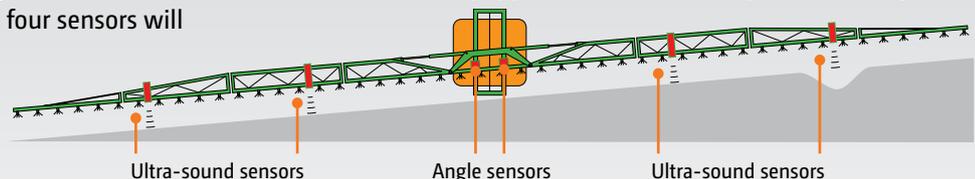
Profi-fold

Profi-fold is the electro-hydraulic actuation of the boom via an oil circuit from which the functions of height adjustment, folding out and in, independent fold, boom width reduction and tilt adjustment (Profi-fold 1) are easily actuated via the ISOBUS terminal or the multi-function joystick. Additional boom tip angling is possible via Profi-fold 2.



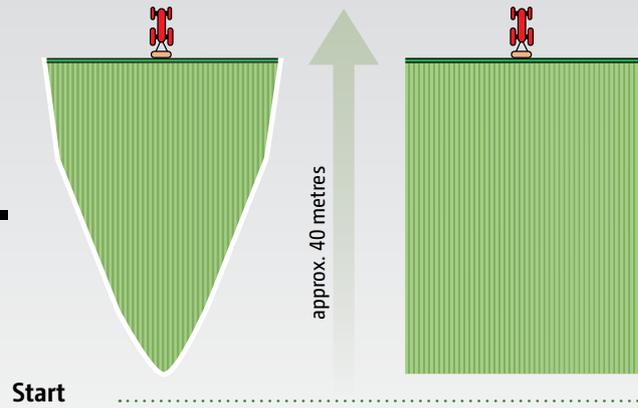
DistanceControl with 2 sensors or DistanceControl plus with 4 sensors

When the Super-S boom is used in conjunction with either Profi-fold I or II, the fully automatic boom guidance system DistanceControl with 2 height sensors, or DistanceControl plus with 4 sensors, is then possible. In heavily differing crop heights, or in areas with partially lodged corn, it could be that the boom, when equipped with 2 sensors, dips into the crop. In this case equipping the boom with four sensors will prevent this. The sensors are electrically connected in parallel and so it is always the sensor that is closest to the target surface that is actuated.



Ingeniously simple – simply ingenious

With DUS you determine the timing



without DUS

with DUS Immediate coverage the full working width

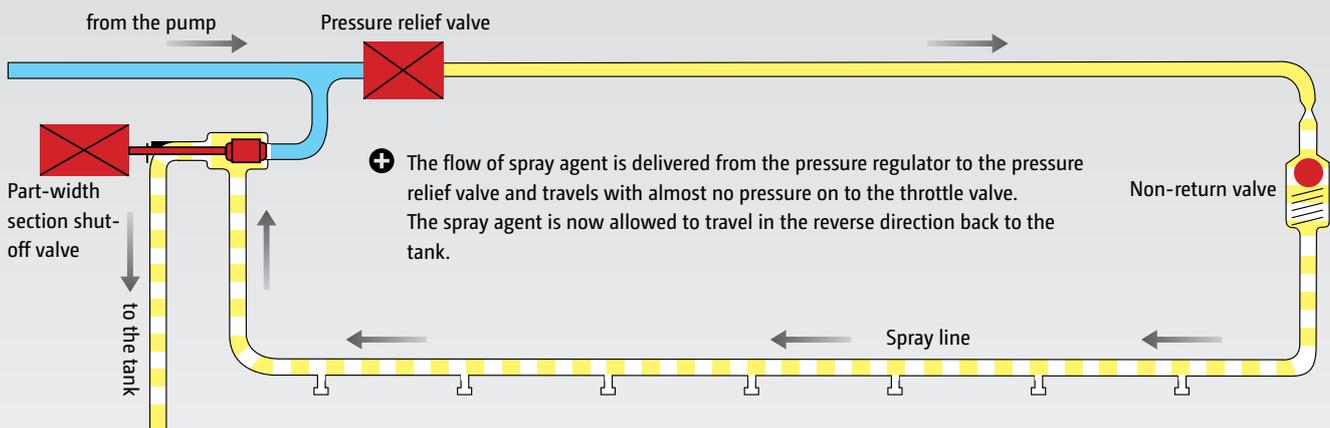
The DUS pressure recirculation system on the Super-S boom – proven more than 10,000 times

The AMAZONE DUS pressure recirculation system guarantees the safe circulation within 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 mixed spray agent. This means the spray lines are always full and immediately ready to use over 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.

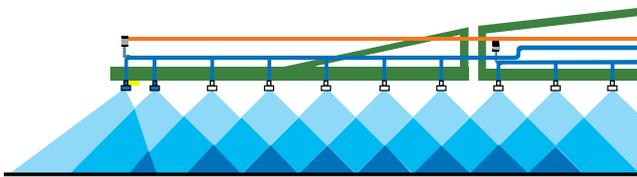
The concentration of the spray agent always remains constant right up to the nozzles, so the start of spraying is carried out without any problems after, for example, a change of ingredients.

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.



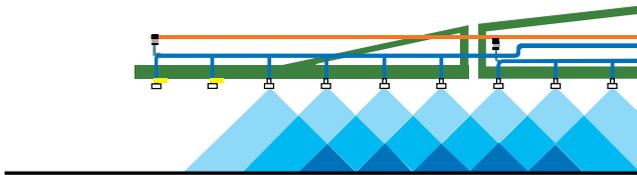
Electric boundary nozzle switching on the Super-S boom

For environmentally-friendly spray application at the field edge



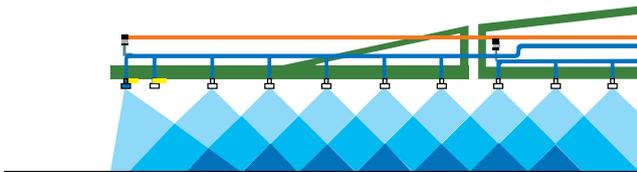
Additional nozzle switching

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 needs to remain unsprayed due to distance constraints, end nozzle switching can be used.



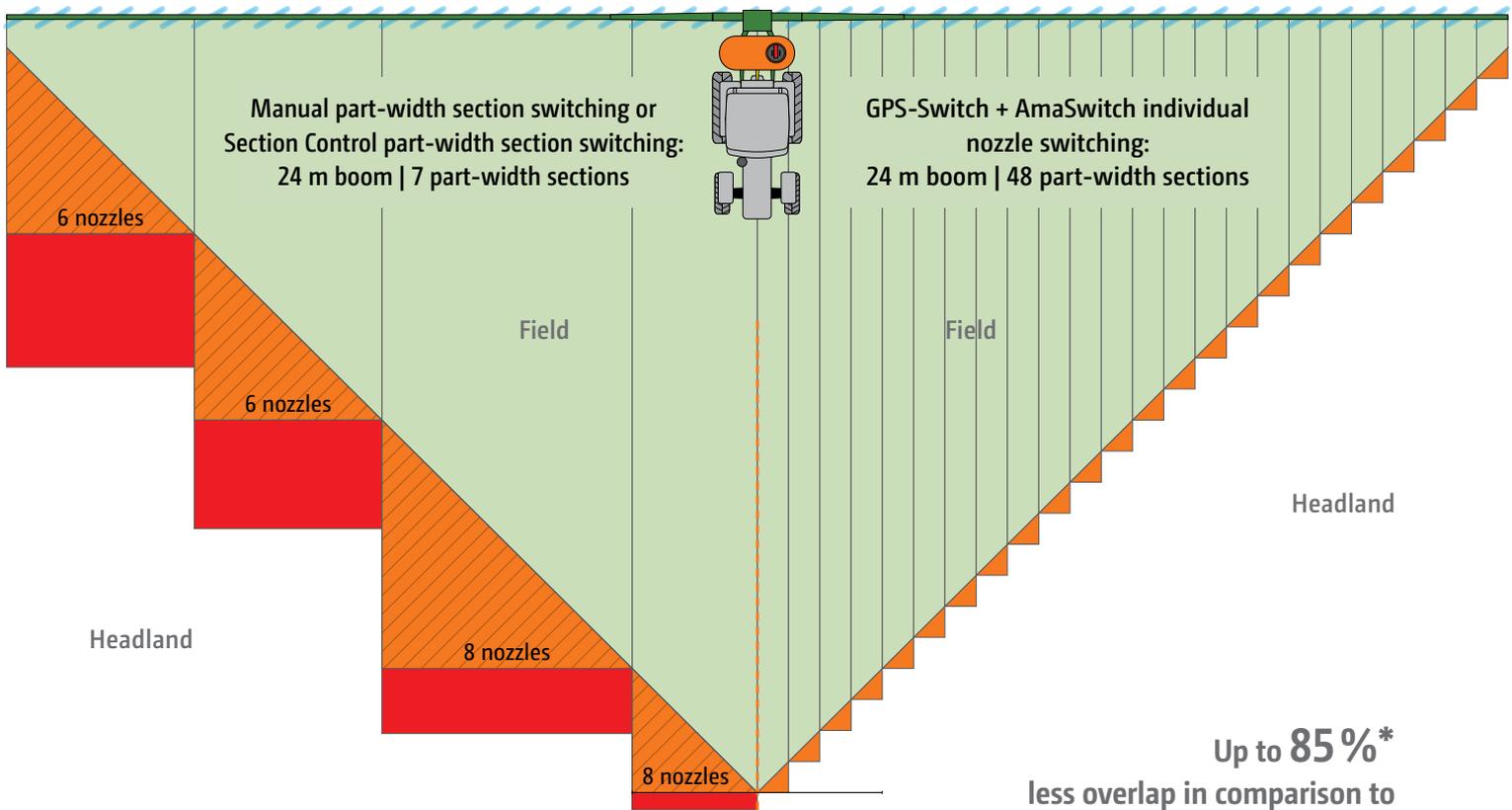
Boundary nozzle switching

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



AmaSwitch individual nozzle switching for Super-S2 booms

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



Up to **85%***
less overlap in comparison to conventional Section Control part-width section switching, e.g. on the headland

-  Overlap zone with manual part-width section switching
-  Overlap zone with Section Control part-width section switching

-  Overlap zone with 50 cm GPS part-width sections

GPS-Switch
automatic headland and part-width section switching

5%*

Saving of crop protection agent

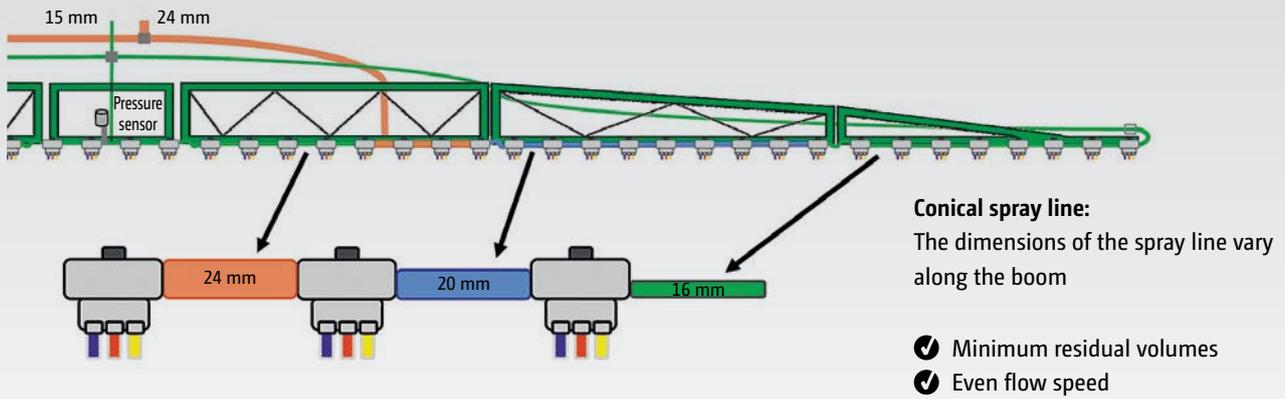


AmaSwitch
electric individual nozzle switching

5%*

Additional saving of crop protection agent

* Values depend on field shape, boom width and number of part-width sections



Exact switching in 50 cm part-width sections

If AmaSwitch is combined with GPS-Switch automatic headland and part-width Section Control, the individual nozzles are automatically switched in 50 cm part-width sections.

The decisive benefit of this individual nozzle switching is the possibility to operate with small part-width sections even more precisely in wedge shaped areas, short work and on the headland. The amount of overlap is significantly reduced on the headland, for instance, by up to 85 % less when compared with conventional Section Control part-width section switching. In this way, depending on field shape, boom width and number of part-width sections, the combination of GPS-Switch and AmaSwitch results in considerable savings of spray agent compared with the usual crop protection techniques used up to now.

The new technology is based on a 3-fold nozzle carrier with electric on/off nozzle switching. In addition to the automatic switching using 50 cm part-width sections, it is

- ✔ Electric individual nozzle switching with conical spray line

possible to configure the amount of part-width sections from choice.

AmaSwitch is a cost-effective alternative for users who do not want to make electric nozzle changeover a priority but, however, want to make use of the advantages of the very precise switching in wedge shaped fields and overlap zones thanks to the 50 cm part-width section control.

Standard equipment with AmaSwitch includes the DUS pro high pressure recirculation system. DUS pro prevents deposits in the spray lines and ensures an even spray agent concentration. Thanks to the pressure recirculation system all the nozzles are ready for operation over the entire boom width. In addition, when switching off individual part-width sections and when turning, the spray agent remains in constant circulation. In this way deposits, blockages and any potential demixing in the spray line is safely prevented. As a special option, AmaSwitch can also be supplied in combination with LED individual nozzle lighting.



AmaSwitch individual nozzle switching

The benefits	TG valve chest	AmaSwitch
Multiple boom sections	up to 13	up to 60
50 cm part-width sections	–	
Manual nozzle switching		
Low pressure recirculation (DUS)		–
High pressure recirculation (DUS pro)	–	
25 cm nozzle spacing		–
Individual programming of the part-width sections	–	
No need for compressed air		
LED individual nozzle lighting		

Nozzle switching – systems overview

■ = standard ■ = optional – = not possible

The right nozzle choice

The basis for success in crop protection



Less drift also at higher wind speeds

With the air-assisted injector nozzles, crop protection agents can be applied with very little drift. 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.

AMAZONE offers the agricultural sector a wide range of nozzles from Agrotop, Lechler and Teejet.

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 nozzle bodies are suited to frequent nozzle changes due to different applications and crops. Nozzle protection tubes, as standard on the outer sections, or, if desired, over the entire boom working width, ensures protection for long injector nozzles and multiple nozzle bodies.





Examples

- 1) Lechler IDN 120-025
- 2) Teejet XRC 110-025
- 3) Agrotop Airmix 110-04



Everyone purchasing an AMAZONE crop protection sprayer receives, free of charge, an AMAZONE nozzle mounting tool that enables a much easier nozzle change.

Injector nozzles (ID, TTI) have a relatively coarse droplet spectrum and are particularly versatile with regard to their field of application. A pressure range of 2 to 8 bar is possible.

The split spray pattern ensures a more even deposit on the front and back of the plant and makes sense maybe, for example, in ear treatment.

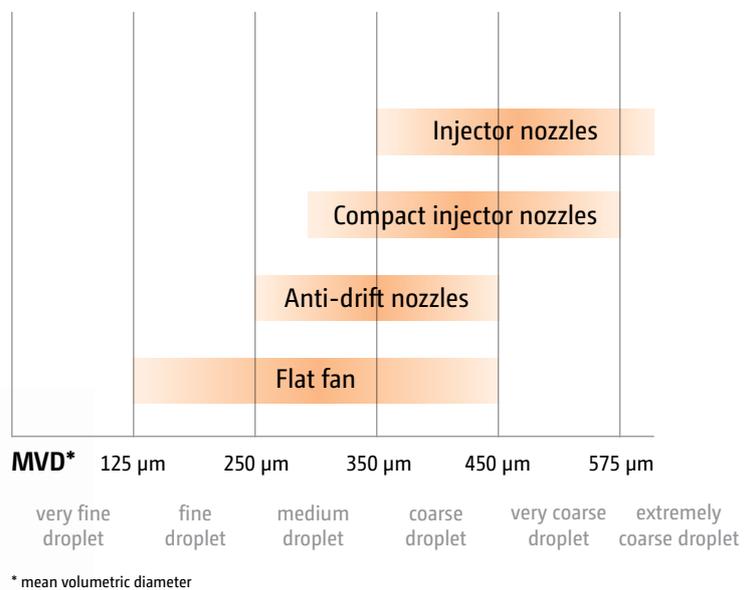
If coverage quality is at the foreground of the application, the use of standard or anti-drift fine droplet nozzles, such as XR or AD, is recommended. Special care is required here due to the tendency to drift above 3 bar.

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

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.

Distribution of the droplet size



Equipment for every requirement



-  In conjunction with the Super-S boom AMAZONE offers an elegant solution for the successful under-leaf spraying in vegetable and maize crops. The Dropleg system from Lechler is a freeswinging, underleaf spraying device that works across the rows and is an example of an easy and robust solution that fulfils the most professional of demands.





Stainless steel weights on the drag hose

Operator-friendly liquid fertilising

In conjunction with the AMAZONE boom, a separate drag hose kit for risk-free late fertilising is available. The self-contained aluminium profiles can be attached with a few hand clamps. Drag hoses offer a risk-free late top dressing with liquid fertiliser and stainless steel weights help keep the position of the drag hoses within the crop.

For the coarse droplets distribution of liquid fertiliser AMAZONE offers multi-hole nozzles (3, 5, or 7 hole).

- ❶ "The nozzles are easy to access and only Amazone provides any relevant drag hose equipment."
(profi – Practical test "5 mounted sprayers in comparison" · 01/2013)



LED boom lighting for Super-S booms

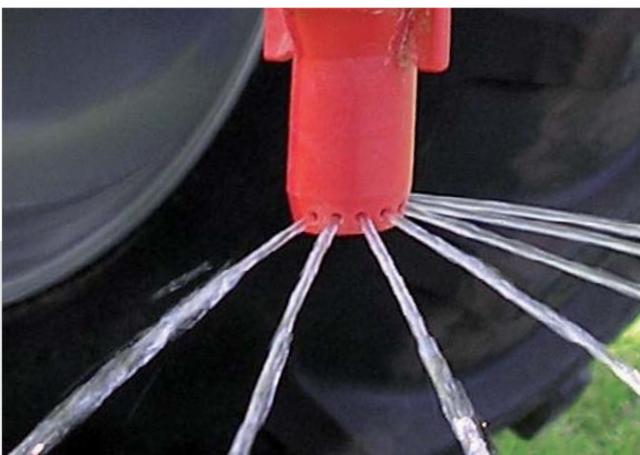
For flexible and efficient operation at twilight and in the dark, LED boom lighting is available.

Two far-reaching LED work lights, mounted in the middle of the boom, ensure excellent visibility of all the nozzles at a glance.

LED individual nozzle lighting for Super-S booms

Professional work lighting is today the basis of a flexible, output-increasing solution to operating in twilight and at night. Illumination of the spray fans ensures complete control of the nozzle function at just one glance.

LED individual nozzle lighting picks out each individual spray fan. An absolutely immediate assessment of their operation down to the very last nozzle on the boom can be made.



7 hole nozzle



The small self-propelled sprayer

UF with front tank



❗ “Due to the intelligent control of the liquid flow circuit, AMAZONE has managed to make the front tank really practical.”

(Top Agrar 10/2008)

Via the FT front tank, the tank volume of the UF mounted sprayer can be very simply increased by 1,000 l. Thanks to the optional FlowControl System and the compact design, the UF front tank is the ideal solution for increasing the overall capacity of the UF.



Top features:

- ⊕ FlowControl intelligent fill level management – for optimum weight distribution
- ⊕ Improved driving stability on slopes due to the intelligent loading of the front axle
- ⊕ Very compact design thanks to front linkage – better manoeuvrability in the field and for a safer road transport

The special advantages offered of more manoeuvrable tractors with a mounted implement compared with trailed sprayers in smaller and more awkward shaped fields as well as the better behaviour on slopes are the major arguments for the front tank solution.

However, even in the 3,000 litre self-propelled class a comfortable tractor in combination with a high-class mounted sprayer and front tank is an interesting alternative.

Benefits over a self-propelled sprayer

- ✔ Huge advantage on price
- ✔ Up to 50 km/h permitted speed on the road
- ✔ 80 km/h permitted speed with Fastrac
- ✔ Tractor can also be used for other operations

Benefits over a mounted sprayer

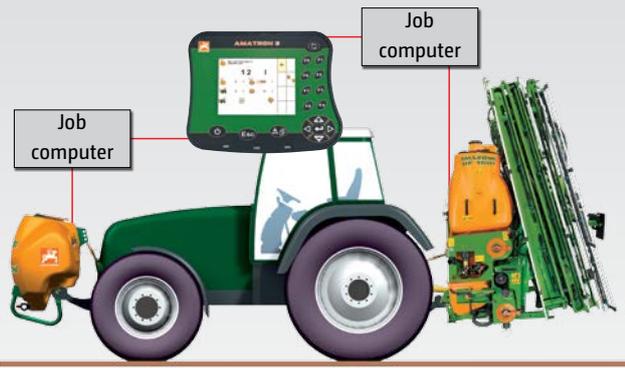
- ✔ Compact unit
- ✔ Less side crabbing on side slopes
- ✔ Optimum ballasting of the front axle results in a smooth travelling behaviour in sloping terrain
- ✔ Faster to back into corners on the headland
- ✔ Easy manoeuvre in smaller and in wedge shaped fields
- ✔ Compact transport on narrow country lanes and along roads
- ✔ The front tank simultaneously serves as front weight ensuring an optimum balance
- ✔ Reduction of soil compaction
- ✔ Price advantage



Automatic regulation via Flow-Control

Operates just like using one large tank





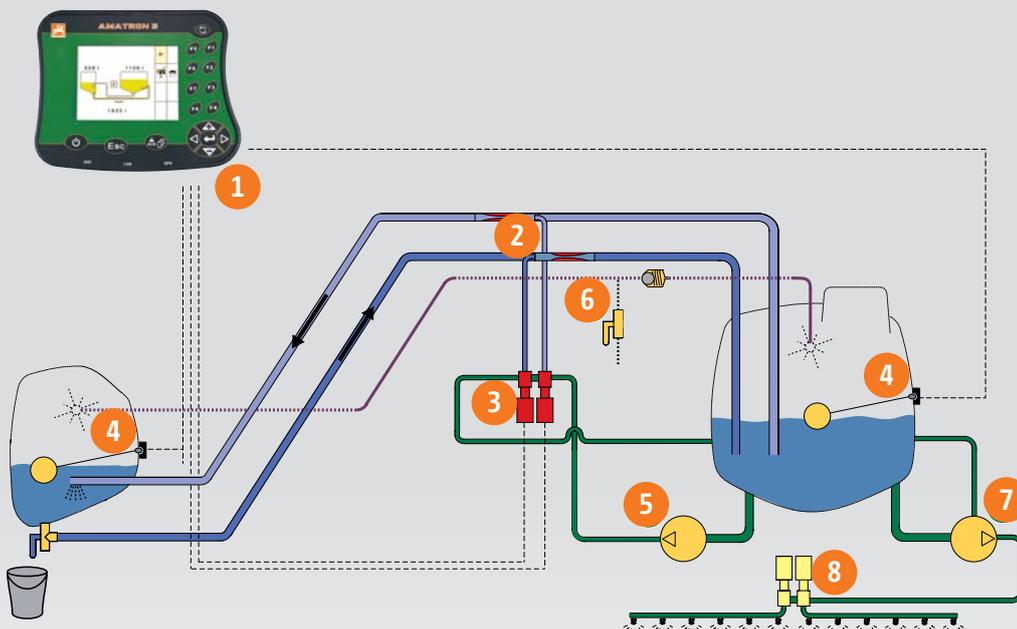
- ✔ The AMATRON 3 operator terminal controls the liquid circuit. Only when the fill level of the rear mounted sprayer reaches the 30 % mark is the spray agent pumped from the front tank to the rear.

Electronic fill level management system

The specific feature of the FT 1001 is the 100 % integration of the front tank into the mounted sprayer via the Flow-Control electronic fill level management system in the ISOBUS terminal. The technological basis of Flow-Control is the two electronic fill level indicators in the tanks and the two high capacity injectors. The transfer capacity in both directions is up to 200 l/min ensuring the liquid is always ideally homogenised.

The ISOBUS terminal automatically controls the liquid circuit, ensuring always, an optimised weight distribution. Premature relief of the weight on the front axle is prevented and, depending on the fill level, new liquid is delivered from the front tank early enough so that the mounted sprayer is never emptied prior to the front tank and the liquid always remains homogeneous.

Manual control also allows the transport of just fresh water in the front tank.



- ✔ Automated liquid flow via Flow-Control
- 1) AMATRON 3
- 2) High capacity injectors
- 3) Switch valves for injectors
- 4) Electronic fill level indicators
- 5) Flow-Control pump 115 l/min
- 6) Internal cleaning
- 7) UF spraying pump
- 8) Spray line

Handling and transport





Sophisticated design for the utmost in safety

No matter whether in the yard or in the barn: there is always a safe parking place for the compact combination on its parking rollers. This simple handling convinces even after just a few operations.

The internal cleaning of the sprayer combination is carried out via the fresh water tank of the UF. The 100l additional clean water tank allows for the appropriate cleaning according to the European guidelines (clean water supply at least 10 % of the tank volume).

The compact sprayer-tractor unit is favourable especially in narrow lanes with hardly any obstruction to the view thanks to the well thought out design.



The AMAZONE FT 1001 fulfils all relevant EC guidelines and standards for traffic safety.

The optional traffic light kit is necessary in cases where the traffic lights of the tractor is hidden. The covered headlights of the tractor must be duplicated on the tractor roof. The fitting on the front tank is not allowed.



✔ Optional camera system

In difficult driving situations, such as when pulling out of road junctions, the optional camera system on the front tank and on the mounted sprayer provides better visibility, and thus more safety, to the front and the rear. The high resolution, anti-glare monitor has a backlit display and can display two cameras at the same time.

AMAZONE Service – always in the vicinity

Your satisfaction is our challenge




Verschleißteilkatalog
für Landtechnik und Kommunaltechnik

Catalogue pièces d'usure
pour machines agricoles et gamme espaces verts

Wearing parts catalogue
for agricultural machinery and groundcare products

Каталог изнашиваемых деталей
для сельскохозяйственной и коммунальной техники



**Choose the Original
Choose Success!**

VDMA campaign:
Pro-Original



The satisfaction of our customers is the most important objective

For this we rely on our competent sales partners. Also for service queries, they are the reliable contact for farmers and agricultural contractors. Due to continuous training, our sales partners and service technicians are always up to date when it comes to looking after this state of the art technology.

We provide you with a first-class spare-parts service

The central spareparts store in our headquarters at Hasbergen-Gaste forms the basis of our world-wide spare parts logistics. This ensures the optimum availability of spareparts, even for older machines.

Parts, are available in our central spareparts store in Hasbergen-Gaste and which have been ordered up until 17 hours, are dispatched the same day. 34,000 different spareparts and wearing metal are held in our ultra-modern stores system. Daily, up to 800 orders are dispatched to our customers.

Better to choose the original, right from the beginning

Your equipment is exposed to the most arduous of demands. The quality of AMAZONE spareparts and wearing metal offers you the reliability and safety you need for efficient soil tillage, precise sowing, professional fertilisation and successful crop protection.

Only original spareparts and wearing metal is perfectly matched to AMAZONE machinery in their functionality and durability. This ensures the optimum operational performance. Original parts at a fair price pay off in the end.

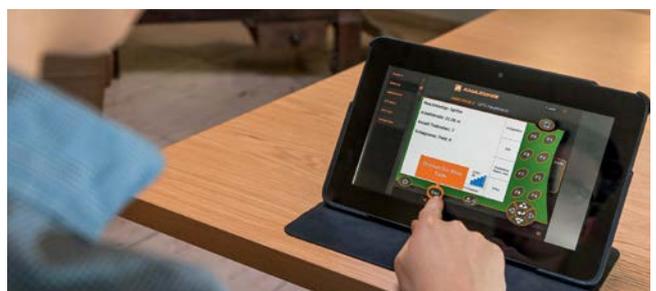
Therefore, make your decision the original!

The advantages of original spareparts and wearing metal

- ✔ Quality and reliability
- ✔ Innovation and efficiency
- ✔ Immediate availability
- ✔ High resale value of the used machine

AMAZONE "E-Learning" – the new way of driver training via a PC

Via the Internet "E-Learning" portal, AMAZONE has extended its service offering on its homepage www.amazone.de/e-learning with a very useful function. "E-Learning" offers interactive driver training, which enables the driver to practice the operation of complex machinery on his own, both online and offline, via a PC or tablet. The new service offers drivers the possibility to get acquainted with a new machine prior to its initial operation. However, experienced drivers can also refresh their knowledge enabling them to utilise better still the full potential of their machinery.



Technical data: UF mounted sprayers

Model	UF 901 12 m Q-plus 115 l/min NG 5-fold AMASET ⁺	UF 901 15 m Q-plus 160 l/min TG 5-fold AMASPRAY ⁺	UF 1201 15 m Super-S1 160 l/min NG 5-fold AMASET ⁺	UF 1201 21/15 m Super-S1 210 l/min TG 7-fold AMATRON 3	UF 1501 21 m Super-S2 210 l/min TG 5-fold AMASPRAY ⁺	UF 1501 24 m Super-S2 250 l/min TG 7-fold AMATRON 3	UF 1801 24 m Super-S2 250 l/min TG 7-fold AMASPRAY ⁺	UF 1801 30 m Super-S2 250 l/min TG 9-fold AMATRON 3
Actual volume (l)	1,050	1,050	1,350	1,350	1,720	1,720	1,920	1,920
Empty weight (kg)	680	713	893	1,012	1,188	1,206	1,226	1,304
Length (m) *	1.65	1.65	1.70	1.70	1.90	1.90	1.90	2.00
Height (m)	2.66	2.66	3.30	3.30	2.90	2.90	2.90	2.95
Transport width (m)	2.56	3.00	2.40	2.40	2.40	2.40	2.40	2.40
Height adjustment (m)	0.50 – 2.10	0.50 – 2.10	0.50 – 2.10	0.50 – 2.20	0.50 – 2.20	0.50 – 2.20	0.50 – 2.20	0.50 – 2.20

* Dimensions of the lower link mounting



Model	FT 1001, Flow-Control
Basic weight (kg)	217
Nominal volume (l)	1,000
Actual volume (l)	1,125
Permissible total weight (kg)	1,475

Illustrations, content and technical data are not binding! Deviations of technical data are possible depending on the equipment. The illustrations may deviate from the requirements for local road traffic regulations.



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