



AMAZONE

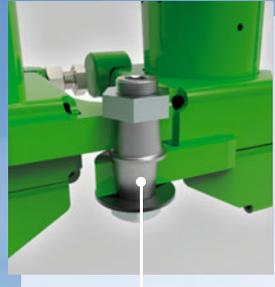
My identity is
PRECISION

SUPER-ROBUST AND SUPER-LIGHT

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.

LONG-TERM RELIABILITY

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.



"Crop protection technology that suits me!"

"My soil, my crops and my farm are as individual as a fingerprint. The difference lies in the field size and in the machinery and inputs used. As a farmer, I know exactly

My precision boom

WEAR-RESISTANT AND LONG-LASTING

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.

SUPER-COMPACT

Low transport width from 2.40 m and transport height from 3.40 m.



my circumstances, requirements and goals. My plant protection needs are met by technical solutions that are precisely tailored to my needs. The precise interaction of boom guidance, application technology and nozzles as well as convenient and simple operation play a key role here."

COMFORTABLE OPERATION

ISOBUS terminal and AmaPilot⁺
multi-function joystick.

EXTENSIVE FUNCTIONALITY

Profi-fold 2: electro-hydraulic height adjustment, folding and unfolding, either side independent fold, boom width reduction and tilt adjustment as well as independent positive geometry.



My precision **folding**

FAST, AUTOMATIC FOLDING PROCESS

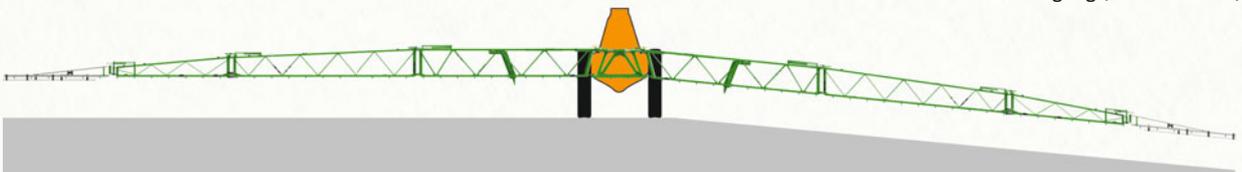
Flex-fold 2: electro-hydraulic valves at each fold point for faster folding due to the simultaneous folding of more than one boom section. Easy changeover to reduced working widths and collision protection at reduced working widths from the cab.



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



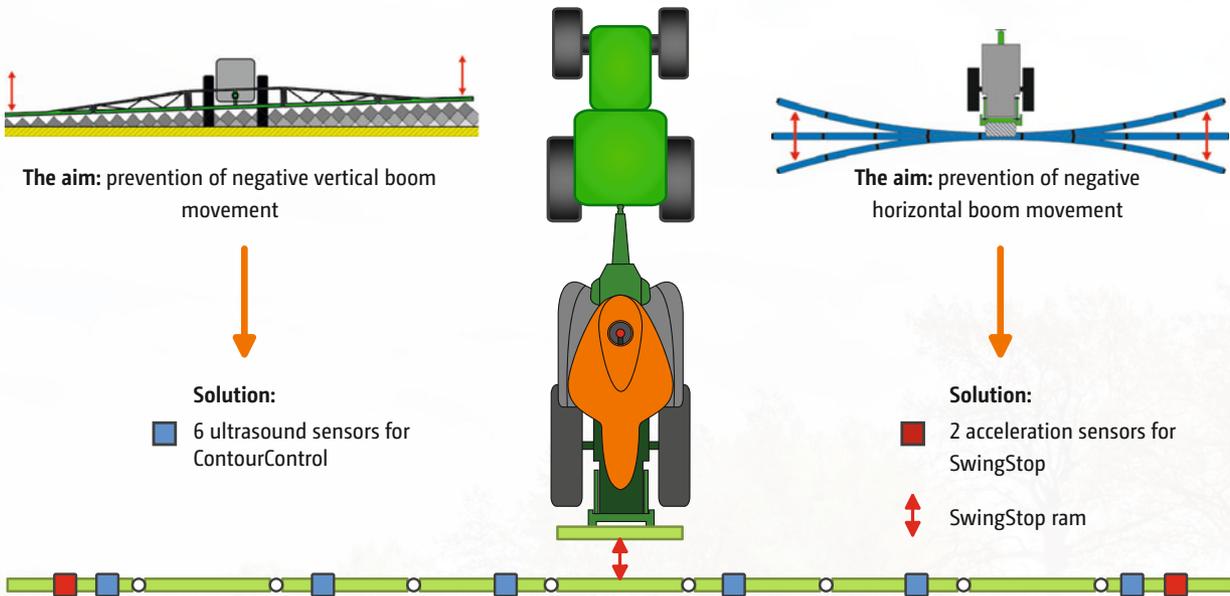
Positive angling (via Flex-fold 2)



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

FAST AND PRECISE - AS ONE

ContourControl with SwingStop (up to 36 m).



CONSTANT DISTANCE TO TARGET

ContourControl: active boom guidance by means of a hydraulic system with 4 or 6 sensors to reduce vertical boom movements and hit target heights above crop of less than 50 cm.



HEIGHT GUIDANCE ACROSS DIFFERENT STAGES OF CROP DEVELOPMENT

DistanceControl plus: fully automatic boom guidance with 4 sensor systems including height guidance and tilt adjustment as well as boom lift on the headland.

My precision **guidance**



VIBRATION DAMPING

SwingStop plus: boom ends damped independently of each other in the direction of travel; from a working width of 39 m.

EXAMPLE: 24 m BOOM WIDTH (6-6-8-8-8-6-6 = 48 NOZZLES)

GPS-Switch automatic part-width section control on the headland and in wedge shaped fields

5%*

Saving on crop protection agent usage



AmaSwitch or AmaSelect electric individual nozzle control

5%*

Additional saving in crop protection agent usage

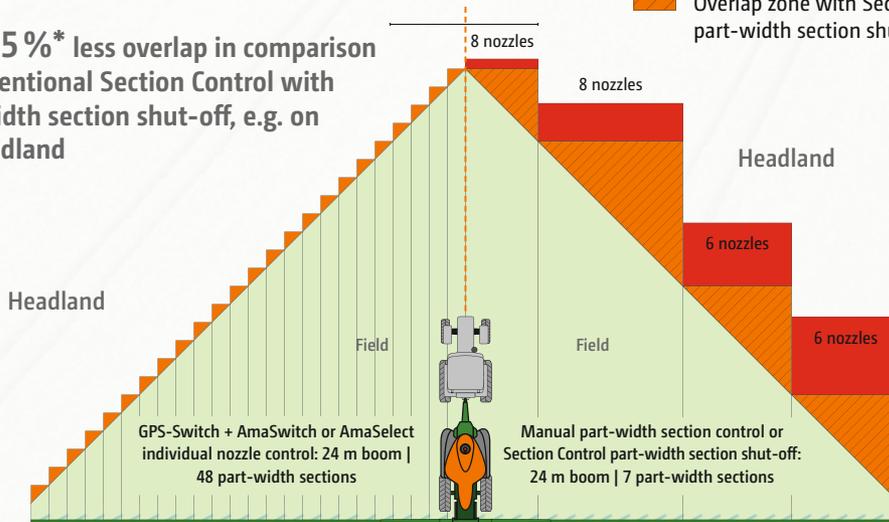
* Savings are dependent on field shape, boom width and the number of part-width sections

Overlap zone on 50 cm part-width sections and GPS-Switch

Overlap zone with manual part-width section switching

Overlap zone with Section Control part-width section shut-off

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



REDUCED OVERLAP

GPS-Switch: automatic part-width section control with up to 96 part-width sections. Automatic part-width section control in 50 cm part-width sections is made possible by combining AmaSelect individual nozzle control and GPS-Switch (Section Control).

My precision control

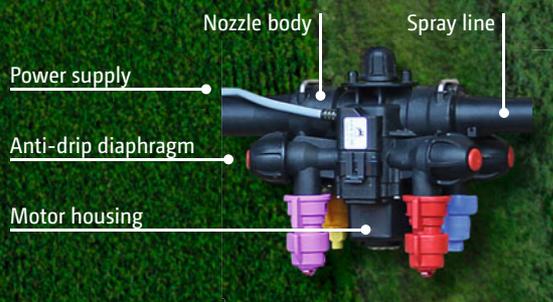
ELECTRIC ON/OFF CONTROL OF THE NOZZLE BODIES

AmaSwitch plus: electric individual nozzle control – manually adjusted, electrically switching triple or quad nozzle bodies, optionally on 25 cm nozzle spacing.



ELECTRICAL SWITCHING OF THE NOZZLES

AmaSelect: quad nozzle body with electric on/off control and additional nozzle changeover, optionally on 25 cm nozzle spacing and with individual LED nozzle lighting as standard.



CONSTANT OUTPUT WHEN CORNERING

AmaSelect CurveControl with ContourControl:
automatic nozzle change based
on the turning radius.

Inside of the boom:
switches to smaller
nozzle sizes

Outside of the boom:
switches to larger nozzle
size or two nozzles

SIMPLE OPERATION

AmaSelect Row: easy change between
full-width and band application at the touch
of a button.

AmaSelect Spot: use of highly accurate spot
application maps in the AMATRON 4 terminal.

My AmaSelect precision **application**



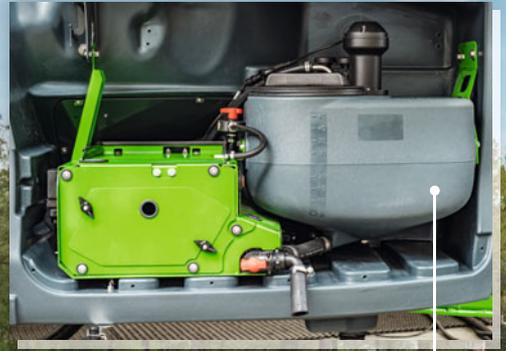
RESOURCE-SAVING BAND APPLICATION

AmaSelect Row: row-specific band spraying with special 40° nozzles reduces the use of plant protection agents by up to 65 %.



SAVE WITH SPOT APPLICATION MAPS

AmaSelect Spot: precise part-area, site-specific weed treatment with AmaSelect individual nozzle control.



DirectInject consists of an additional 50 l tank with its own metering system which is integrated in the storage compartment on the right-hand side of the machine.

FLEXIBLE DIRECT INJECTION SYSTEM

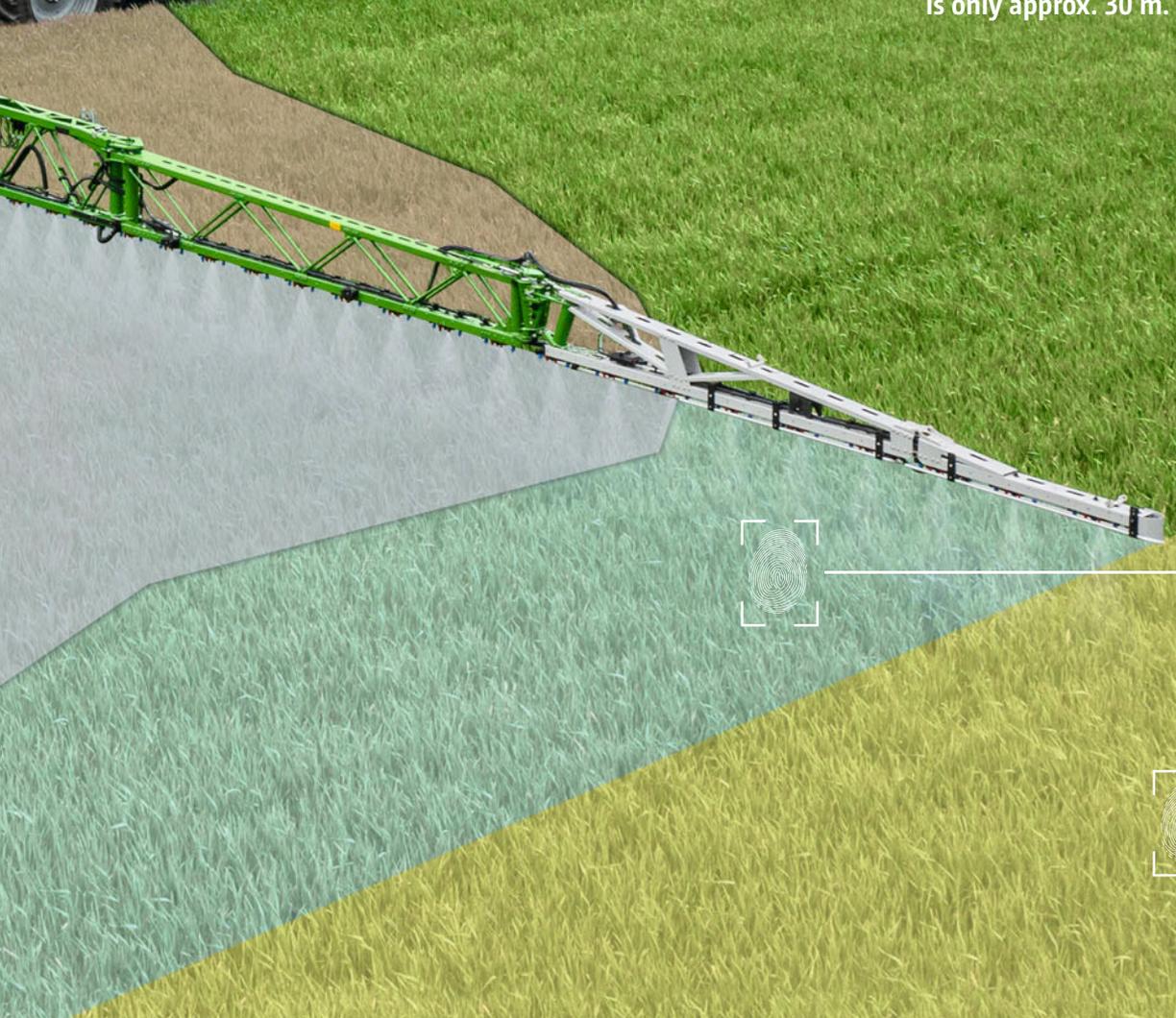
DirectInject: direct injection of undiluted plant protection agent into the spray agent circuit for quick and precise adaption on the move.

My DirectInject precision **application**

FAST ACTIVATION

DirectInject: when the direct injection system is activated, the mixture of spray chemical mix and additional DirectInject agent is metered quickly and evenly across the entire width via several injection points on the boom. This guarantees minimal reaction times.

Example: at an application rate of 200 l/ha, the activation distance is only approx. 30 m.



MAXIMUM CONNECTIVITY

The AmaTron Share App: simple data exchange of, for instance, application maps or job data between a computer and the AMATRON 4 terminal via a mobile device for convenient part-area, site-specific work.

MAXIMUM EXTENSION

AmaTron Twin App: clear display extension as the map view with GPS functions can also be operated on a mobile device.



MAXIMUM FUNCTIONALITY

AmaPilot+ multi-function joystick: freely programmable individual button layout, almost every function directly controlled over 3 levels.

My AMATRON 4 precision terminal



MAXIMUM USER-FRIENDLINESS

AmaTron 4: 8" multi-touch display with a clearly structured operating menu.



AMAZONE

UF

Light - Robust - Effective.



12 m – 30 m



900 l to 2,000 l
(up to 3,500 l
with FT)



up to
60 part-width
sections

UX

Efficient – Precise – Comfortable.



15 m – 48 m



3,200 l – 11,200 l



up to
96 part-width
sections

PANTERA

Powerful - Intelligent - Universal.



21 m – 48 m



4,500 l and
6,600 l



up to
96 part-width
sections



Find out more about using **AMAZONE** crop protection technology on the **AMAZONE** YouTube channel and listen to what end users have to say.



VIDEO FROM THE FIELD
UX 6201 Super & DirectInject



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.



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