

NEW



3000 / 4000 / 5000 / 6000



The intelligent choice
NAVIGATOR



The Intelligent Choice

NAVIGATOR

3000 / 4000 / 5000 / 6000

i version

i for intelligent

Welcome the new generation of NAVIGATOR sprayers.

To reduce the environmental impact as much as possible by increasing the application precision significantly and make the operation of the sprayer easier and safer for the driver, the NAVIGATOR “i” machines offers you the best intelligent spraying features: The automated cleaning system AutoWash – to make sure to leave no residues in the liquid system or main tank, automated spraying features like AutoNozzleControl to control each nozzle individually for higher precision and faster driving speeds, and the whole new HARDI SmartCom ECU for faster diagnostics - you are well prepared for the future.

The NAVIGATOR

NAVIGATOR is synonymous with high quality and design which supports functionality. Properties which secure the value for money and ease of use. In the HARDI trailer family, NAVIGATOR offers features from mid-size to full specification solutions.

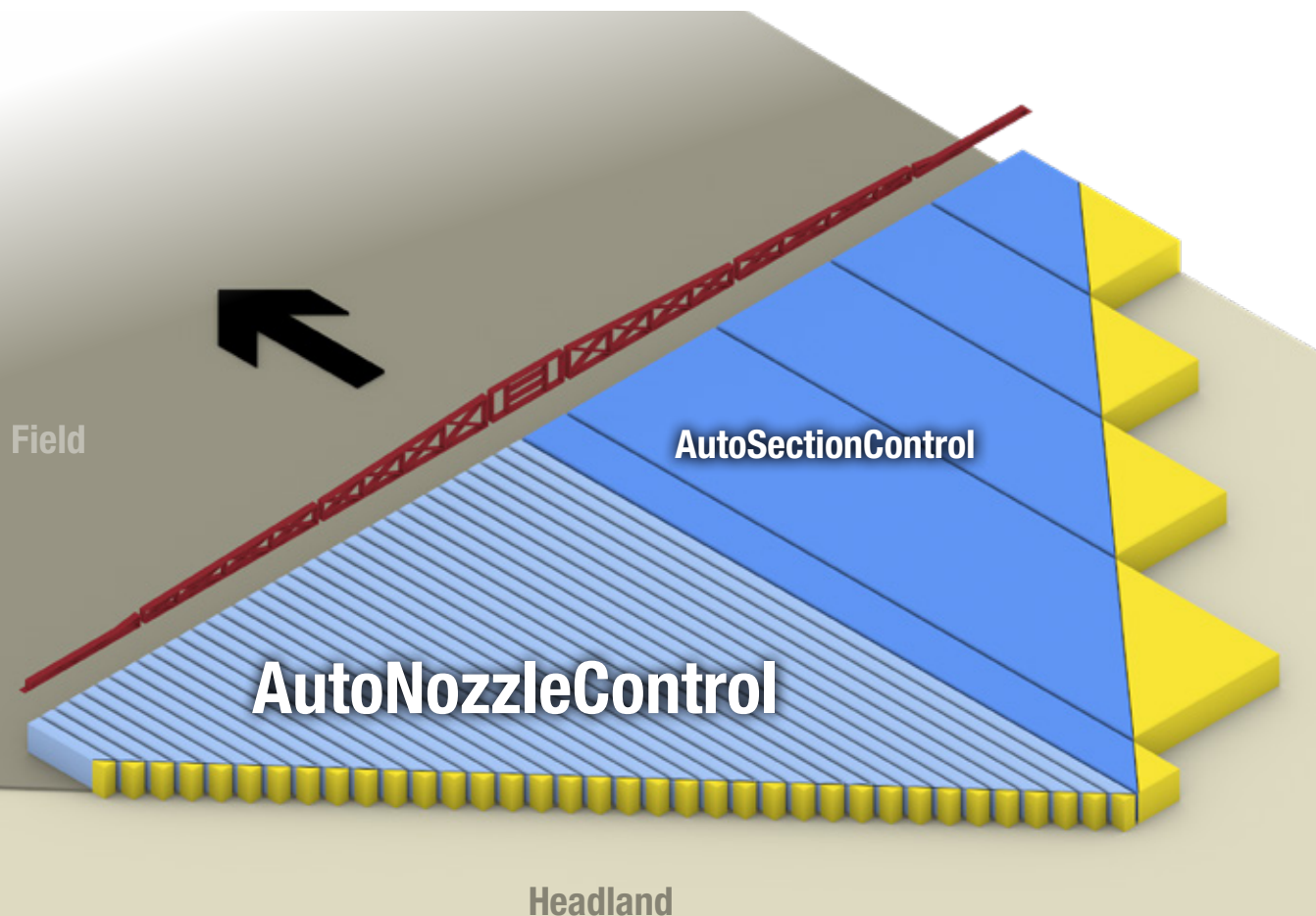
The large range of high quality features makes the NAVIGATOR the obvious choice.

Concept

Demands for simple and reliable solutions, serviceability and high capacity are universal world-wide.

The product represents HARDI's experience as sprayer specialist.

The proven success for NAVIGATOR sprayers since the introduction has shown the value of this position.



AutoNozzleControl

Single nozzle control

Get full control of your spray job with the automated nozzle on/off feature AutoNozzleControl. Thanks to the PrimeFlow system, you will receive the highest level of precision, due to the exact control of each nozzle.

- ▶ Every nozzle is controlled automatically
- ▶ Minimize double sprayed area thereby saving up to 10 % chemicals
- ▶ Avoid crop damage due to double spraying
- ▶ Avoid spraying in critical areas by switching off outer nozzles
- ▶ In auto mode the sprayer works with 50 cm sections
- ▶ Turning on and off of nozzle when turning in headland

- AutoNozzleControl
- AutoSectionControl
- Double sprayed area

SPECIFICATIONS

- ▶ **Tank:** 3000 / 4000 / 5000 / 6000 l
- ▶ **Track:** IntelliTrack, high performing and stable drawbar steering
- ▶ **Controller:** HC 8600, HC 9600, ISOBUS
- ▶ **TurboFiller:** Efficient handling of liquid and powder
- ▶ **Liquid system:** DynamicFluid4 for precise application in all conditions
- ▶ **Axle:** Fixed 1.8 / 2.0 m or adjustable 1.5-2.25 m
- ▶ **Boom:**
DELTA FORCE: For higher speeds and greater performance 24 to 39 m

- ▶ Save up to 10 % liquid with AutoNozzleControl
- ▶ Automated cleaning with AutoWash
- ▶ New WorkZone concept for easier operation
- ▶ FluidBox – Easy operation of fluid system
- ▶ Fast and easy diagnostics with SmartCom

AutoWash – Ultimate cleaning process

For an easier, faster and more efficient rinse process – we offer the automated AutoWash. The SmartValves are operated automatically from the tractor cabin and the operator avoids contamination from the equipment and the sprayed crop, while three rinse programmes ease the cleaning. The process is done whilst in the field, where multiple rinse actions are made, reducing the residual concentration best level in class – with only 400 litres of clean water.



- ▶ Simple and user-friendly operation
- ▶ Only choose cleaning program, rest is automatic
- ▶ Operator and tractor cabin are not contaminated
- ▶ Time-saving as the process is controlled from cabin
- ▶ Pesticide cross-contamination is avoided

AutoFill – Fast and accurate filling

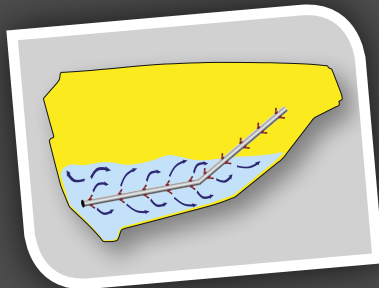
To ease the filling process and prevent overfilling, we offer AutoFill. The operator sets the fill volume, connects the hose and starts the fill via the FluidBox. The filling process will automatically stop when the demanded volume is reached.



- ▶ Time saving so other tasks can be done
- ▶ Choice between maximum contents or volume added
- ▶ Start/Stop control is at the FluidBox in WorkZone
- ▶ Prevents overfilling
- ▶ Agitation is reduced automatically for maximum fill effect

AutoAgitation – Best agitation performance

To maximize the agitation without foaming and minimise tank residues – we offer the fully automatic AutoAgitation. When filling, AutoAgitation ensures maximum FastFiller capacity – while a manual override is always possible from the FluidBox.



- ▶ Maximizes agitation without foaming
- ▶ Minimizes tank residues when the spray job is finished
- ▶ Automatic tank contents readout displayed on the terminal

PrimeFlow – Pressure circulation

PrimeFlow circulates and primes the boom before the actual spraying and is controlled by an ON/OFF motor at each nozzle body. Open/close action is instant.



- ▶ No untreated areas at spray start
- ▶ HARDI PENTALET 5-nozzle holders as standard
- ▶ No chemical sedimentation in the spray lines
- ▶ Flush of boom lines is possible without spraying on the ground
- ▶ Dynamic setup of sections

AutoSelect – Fast nozzle change

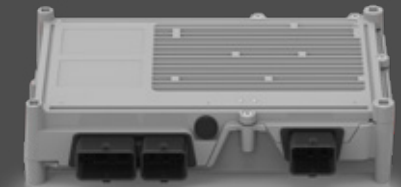
The two-nozzle AutoSelect with four different settings, allows to switch between nozzles from the drivers seat. For example using a specific drift reduced nozzle on headland or in buffer zones. Increased working speed without compromises, when reducing speed at the headland a smaller nozzle can be used.



- ▶ Easy volume rate changes
- ▶ Increased working speed
- ▶ Bigger area sprayed with the optimum spray pressure
- ▶ In Auto mode, changes are done at defined spray pressure or defined working speed

HARDI SmartCom – ISOBUS platform

The HARDI SmartCom offers the user a full ISOBUS experience, meaning easy connection to tractors and controllers. The faster processor will also offer you a more accurate and responsive liquid regulation system as well as the ultimate steering system thanks to faster response times.



- ▶ Full ISOBUS for easy connection
- ▶ Quick and easy diagnostics with HARDI ServiceTool
- ▶ Faster and more precise regulation system
- ▶ Ultimate steering precision
- ▶ Prepared for cloud connections

HC 8600 and HC 9600 controllers

"Touch the future" with integrated electronics.

The HC 8600 and HC 9600 controllers provide growers a powerful, full-featured precision farming tool. AutoNozzleControl, AutoSectionControl, guidance, data logging and boom management features are integrated in the ISOBUS terminal.

The colour display has an excellent readability, also in sunlight while all primary functions are controlled by the intuitive grip.

- ▶ Fast operation of all functions
- ▶ ISOBUS for easy connection to the sprayer
- ▶ Great overview of the current spray job
- ▶ Easy data transfer



FluidBox – Operation of fluid system

With the NAVIGATOR "i", an updated FluidBox is located at the WorkZone in the front. With a functional design, the sprayer operator will be able to quickly start the demanded operation.

- ▶ Easy operation of the SmartValves
- ▶ Control of filling, agitation, spraying and cleaning





Nørre Alslev, Denmark



Lleida, Spain



Savigny, France



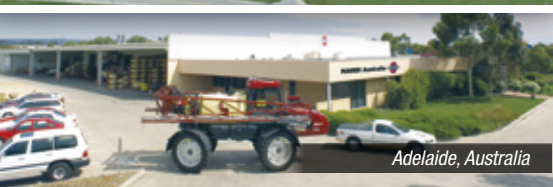
Noyers St Martin, France



Beaurainville, France



Davenport, USA



Adelaide, Australia

HARDI

The Sprayer

HARDI INTERNATIONAL A/S

is an international group whose basic idea is to satisfy the user's requirements for quality products which ensure efficient, punctual and precise application of crop protection products. Our world-wide distribution and sales network comprise of more than 100 countries where we are represented by importers, agents and sales subsidiaries. These are situated in Sweden, Norway, Denmark, France, Spain, North America, Germany, Australia, China and EMC – Russia & CIS countries.

Since 1957 HARDI has committed to the ever-increasing demands for efficient and precise plant protection. HARDI is the trendsetter within application of crop protection products. To achieve this position continued developments and innovation are essential. HARDI is committed to the long term future of plant protection.

Testing procedures

Sprayers leaving HARDI INTERNATIONAL A/S are tested according to the strictest quality standards.

Our staff responsible for final testing are accredited to test and document national approvals and standards from: Germany (BBA/JKI), UK (NSTS), China (CCC) and Denmark, where HARDI is approved to inspect sprayers.

This ensures that the highest quality sprayers are delivered to farmers.



Superb surface treatment

The high-technology surface treatment contains 13 treatments, including a pre-treatment and powder coat painting of all major components.

Together with the Delta/Magni treatment of nuts, bolts and other items, we supply high corrosion protection of our products.

HARDI reserves the right to change the specifications without notice. Illustrations shown may include optional extras and accessories.



HARDI INTERNATIONAL A/S

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#HARDIsprayers

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