



LIFT MOUNTED  
**MEGA**

**HARDI** – Your Crop Care Partner

  
1200 / 1500  
1800 / 2200 l

  
PRO FORCE 15-28 m



# MEGA



For more info visit:  
[mega.hardi.com](https://mega.hardi.com)

# Precision and efficiency

## Discover the new standard for lift-mounted precision farming: The HARDI MEGA

The HARDI MEGA is setting new benchmarks for lift-mounted precision farming. The PRO FORCE boom seamlessly combines stability and coverage, redefining what is possible in spraying applications. Developed in response to the growing demand for higher-capacity lift-mounted sprayers, the MEGA PRO FORCE introduces modern application techniques such as PulseSystem, and the fast-reacting ActiveAir into the lift-mounted segment. The new PRO FORCE boom features a centre-section suspension concept designed to deliver a high-performance boom ride, even at higher driving speeds. Capable of spraying at increased speeds and carrying up to 2,200 litres, the MEGA matches the productivity of trailed sprayers while offering unmatched ease of operation and exceptional performance.

In the face of challenging field conditions, application precision is critical. That is why the HARDI MEGA is now available with the new

PRO FORCE booms, which range from 15 to 28 metres and fold vertically for optimal convenience.

At the heart of the MEGA is the SmartCom electronic platform, which is fully ISOBUS-compatible for seamless communication with tractors and controllers. This advanced technology empowers farmers with precise and responsive liquid regulation, expedited diagnostics, and a smooth transition into digital farming. SmartCom improves application precision and reduces chemical consumption with enhanced field mapping capabilities. The system is easily operated from the cabin using an ISOBUS terminal, with operation integrated into the terminal interface. Additionally, the HARDI Grip can be used for primary functions as an optional extra.

Navigating varying terrains can be challenging, but the MEGA's AirRide suspension softens the ride, minimising jolts and providing exceptional comfort for the driver. This ensures the boom remains stable for precise spraying, whether in the field or on the road, guaranteeing a smooth ride every time.

While speed is critical, precision is paramount. The integration of AutoNozzleControl and the PrimeFlow system ensures that every spray is as accurate as possible, maximising resources and providing optimal crop protection.

The MEGA is more than just a tool; it is a reliable farming companion designed to optimise productivity, enhance crop yields, and make every moment in the field count.



Boom – Stability and performance  
**PRO FORCE 15-28 m**



Swift and secure boom folding  
**AutoFold – Effortless boom folding**



AirRide – Suspension  
**Better ride and higher comfort**



Tank  
**1200 / 1500 / 1800 / 2200 l**



PulseSystem / AutoNozzleControl  
**Precise spraying with single nozzle control**



AutoTerrain – Outstanding boom stability  
**Fully automatic regulation of height, slope, tilt and yaw movements**

# Tailored for the modern farmer

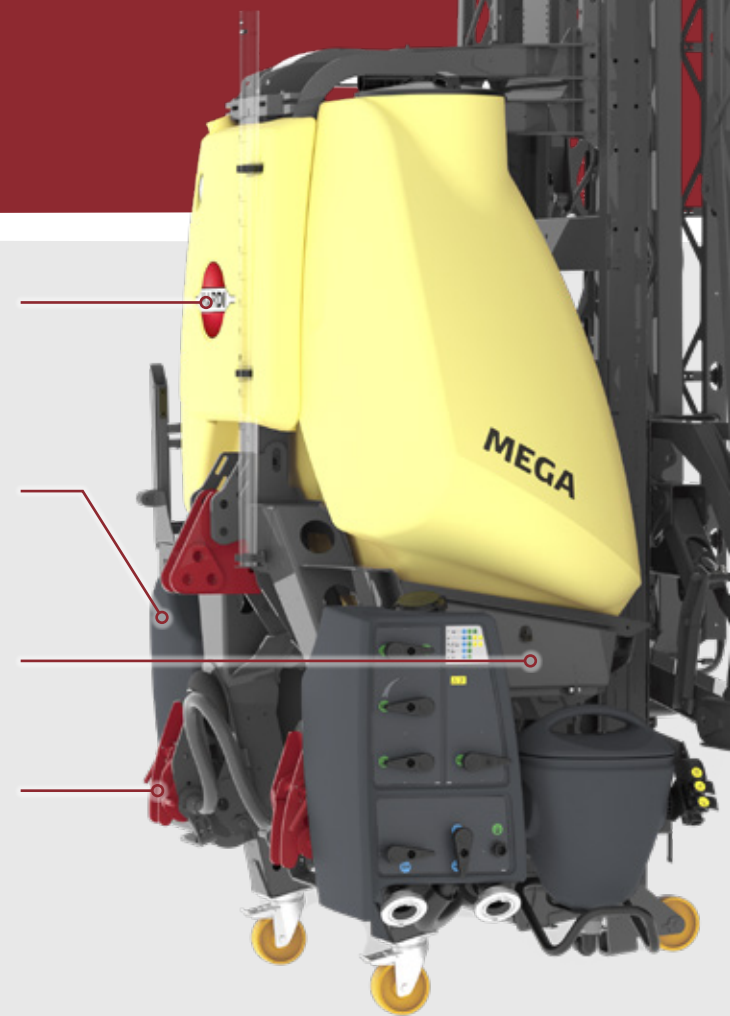


**CleanWater**  
15 l tank for hand washing

**RinseTank**  
170 l for triple rinse cleaning  
of tank and fluid system

**SafetyLocker**  
For easy access within  
the WorkZone

**Easy coupling**  
Category 2 or category 3  
couplings



## The WorkZone – Intuitive operation

The MEGA has been designed with a strong focus on user-friendliness and ease of operation, with the WorkZone being a prime example. In this area, everything needed to operate the sprayer is easily accessible, with all primary functions placed in convenient, easy-to-reach positions. The WorkZone is designed to operate in a simple and logical way.

### **Intuitive manifold**

The liquid system is easily controlled from the centrally located manifold. Its colour-coded and logically positioned valve controls make start-up and operation straightforward, thereby reducing workload and minimising the risk of errors.

### **TurboFiller – Fast and easy filling**

With its user-friendly design, high capacity, and rapid filling speeds, the unique TurboFiller creates a powerful liquid circulation in the hopper, mixing all types of chemicals quickly and safely. A high-pressure, rotating nozzle and a separate hand lance for larger containers manage the cleaning of containers and the TurboFiller itself.

### **Powerful agitation**

To avoid blind spots in the tank, Venturi nozzles increase the input for agitation by approximately four times. This agitation concept has proven highly efficient for liquids and powders.

### **DilutionKit – Easy cleaning of spray lines**

Without leaving the driver's seat, the DilutionKit allows you to flush and rinse the boom and tank together, or the boom alone. All return lines and agitation will be flushed when spraying the diluted liquid from the main tank.



### Easy access to the tank lid

The lid is conveniently located near the ladder on the right side, allowing easy tank inspection. Additionally, the tank is designed to provide the operator with excellent visibility of all tank walls.

### Excellent service access

To enhance service accessibility, most electronic components and connections are housed in a box behind the main tank, protected from chemicals and the elements.

### Protected placement of pressure gauge

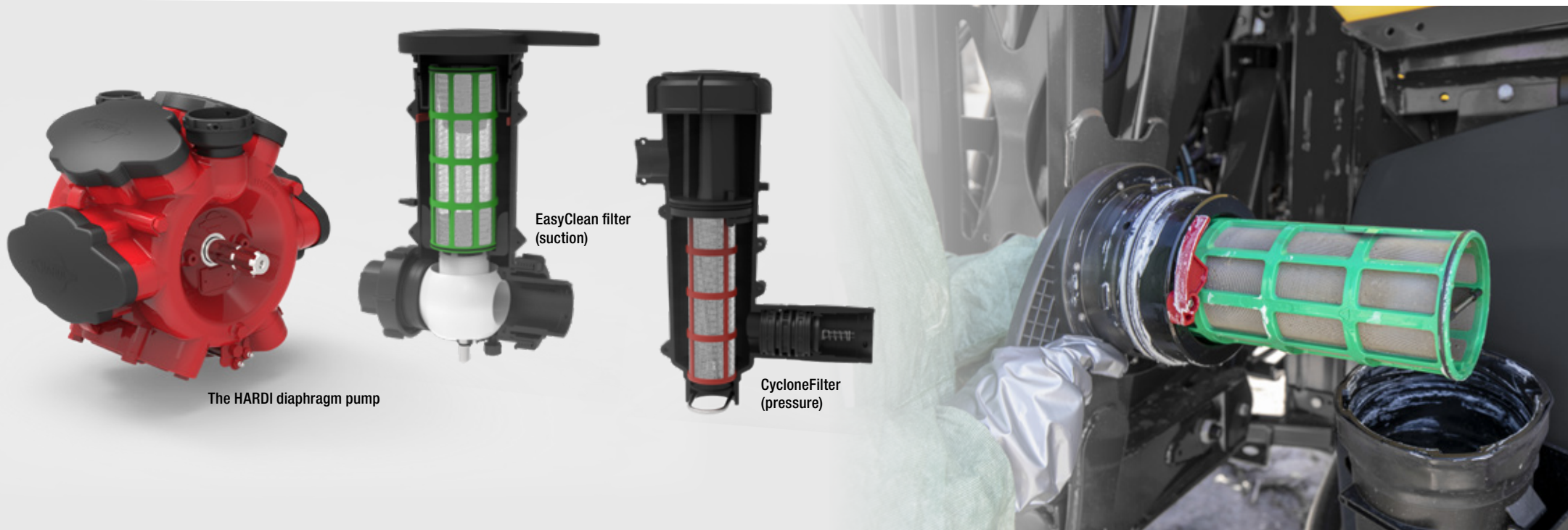
With excellent visibility from the tractor, the pressure gauge is securely mounted at the front of the sprayer as an integrated component of the CleanWater tank, ensuring it is well protected.

### External cleaning kit

A cleaning kit can be fitted for safe external cleaning of the entire sprayer in the field.

Several European markets demand in-field cleaning of sprayers. The HARDI system offers up to 15 bar pressure, ensuring quick and efficient external cleaning.

# Farmer focus



## Precise control – For rapid and accurate fluid application

### Fast and reliable liquid system

MEGA's fluid system, DynamicFluid4, employs advanced fluid dynamics and application rate control to deliver fast response and accurate target rate application.

Pressure, flow, pump speed, forward speed, boom sections, and application rate are all monitored and processed using advanced computations. The DynamicFluid4 processor analyses the spraying data 20 times per second, providing the boom with pre-emptive rate control capability, altering the flow with pinpoint precision.

- The liquid system can be operated from the cabin or the ground.

### The diaphragm pump

At the heart of the MEGA is the robust and easy-to-service pump for which HARDI is renowned. The invention of this pump formed the foundation upon which HARDI was established more than 60 years ago. HARDI was the first to use diaphragms to separate the liquid from bearings, the crankshaft, and other vital pump parts, allowing the pump to run dry without damage.

### Easy access to filters

To ensure easy reach from the ground, the EasyClean suction filter is placed on the right side of the machine, while the Cyclone pressure filter is on the left.

### Large-dimension filters

- The HARDI EasyClean filter is a high-capacity suction filter
- The HARDI CycloneFilter is a unique, self-cleaning pressure filter that provides high efficiency without limiting flow

# Instant spray control



For more info visit:  
[mega.hardi.com](http://mega.hardi.com)

## Automated single nozzle on/off feature

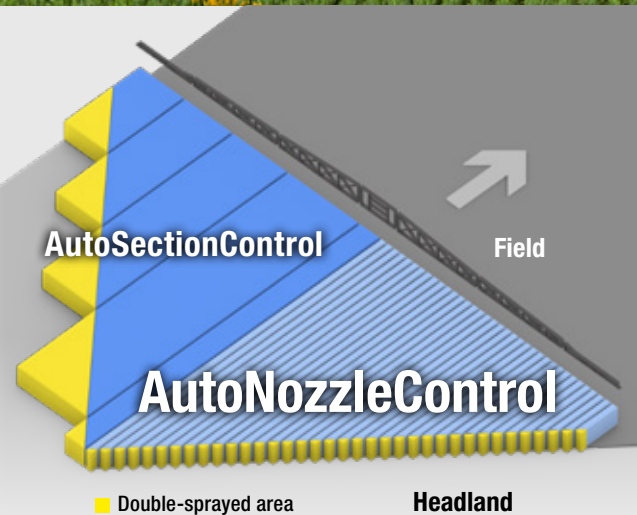
Gain full control of your spraying operations with our automated single nozzle on/off feature – AutoNozzleControl. Combined with the instant spray control offered by our PrimeFlow system, AutoNozzleControl provides ultra-precise spraying and allows for faster driving speeds with minimal overlapping.

AutoNozzleControl also lets you switch off specific nozzles when turning on the headland or spraying near sensitive areas.

The system automatically controls each nozzle. In auto mode, the sprayer operates with sections of 50 cm.

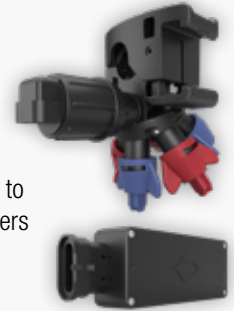
## AutoNozzleControl benefits

- Save up to 10% on chemicals
- Avoid crop damage
- Minimise environmental impact



## PrimeFlow – Pressurised Boom Circulation

PrimeFlow is a pressure-fed boom system that ensures rapid priming and keeps liquid flowing at the correct pressure during spraying and when idle. It prevents nozzle clogging and chemical residue, reduces cleaning requirements, ensures full coverage from start to finish, and offers thirteen sections with PENTALET holders accommodating five nozzles.



## ActiveAir – Pneumatic Nozzle Control

ActiveAir combines the PrimeFlow circulation system with pneumatic actuators for instant, drip-free opening and closing of nozzles. It provides precise control through thirteen sections, solenoid valves, and stainless steel PENTALET holders. Operation requires an air tank on the sprayer and a tractor-mounted compressor to function correctly.

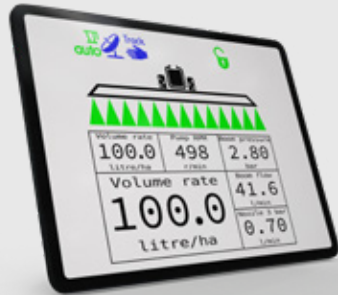


## HARDI EFC operating unit

The EFC operating unit, the high-capacity companion for HARDI controllers, ensures precise control over your spraying system. Our modular sectional valves include a pressure dump feature that stops spraying when a section is turned off. This is crucial for preventing wastage, especially with small-capacity nozzles and wide booms.



# Seamless integration



XTEND



HC 8700

HC 9700



Grip



SmartCom

Most farmers seek the complete integration of all essential information on one work screen. The HARDI touch-screen controller series is exceptionally easy to operate and provides an optimal overview for maximum control of spraying tasks.

All HARDI touch-screen terminals are ISOBUS-compatible and designed explicitly for spraying purposes. In combination with the Grip, field operation is straightforward and efficient.

The intelligent HARDI SmartCom platform offers users a full ISOBUS experience, ensuring easy connection to tractors and controllers. The faster processor also provides a more accurate and responsive liquid regulation system.

## Integrated electronics

From the working screen, the driver can operate ActiveSlant and AutoNozzleControl, as well as guidance and dosing functions. The map screen view can be displayed in either 2D or 3D. The HC 8700 and HC 9700 screens can divide information into multiple widgets for a better overview.

## Data management and data transfer

The USB ports and WiFi adapter allow for easy data exchange, simplifying application reporting and making generating detailed reports for governmental record-keeping easier. The data can also be transferred to various farm management software.

## ISOBUS terminal

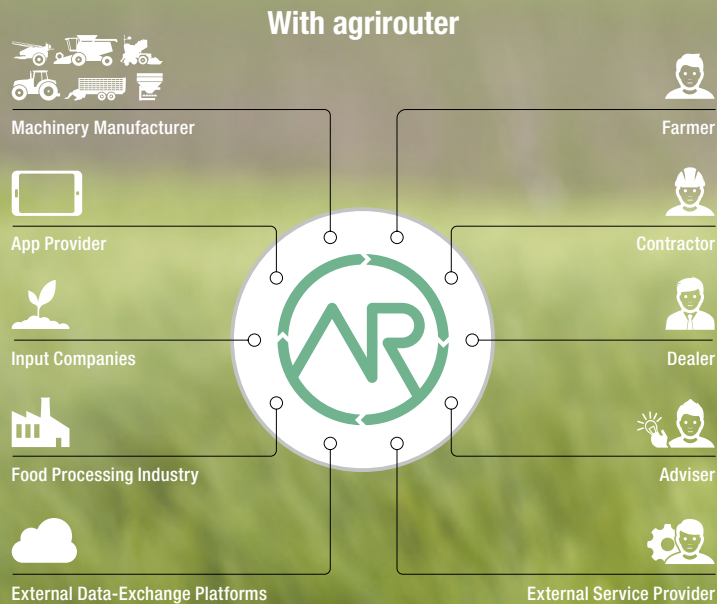
The SmartCom system is fully ISOBUS-compatible. Customers can order the MEGA and use AutoNozzleControl directly from their own ISOBUS terminal if supported. To simplify complex sprayer operations, the sprayer is controlled via the terminal, and the well-known HARDI Grip for primary functions can be delivered as an option.

## Extend your work screen

Use your mobile device or tablet to perform calibration, diagnostics, tank filling, and many other activities from anywhere around your machine. With XTEND technology, you can extend the user interface of your HC 9700 to the screen of an iOS or Android device via a WiFi connection.

Feature	HC 9700	HC 8700
Mode of action	12.1" (30.7 cm)	8.4" (21.3 cm)
Mode of action	Touch screen	Touch screen
ISOBUS Universal Terminal	✓	✓
Mini view screens	3	2
Dashboard & Interaction Keypad	✓	✓
HARDI workscreen	✗	✗
USB ports	✓	✓
WiFi adapter	✓	✓
Horizon XTEND	✓	✓
AutoSectionControl	✓	✓
Lightbar Guidance	On screen	On screen
Coverage Mapping	✓	✓
Data Logging	✓	✓
Variable Rate Application	✓	+
Application Report	✓	✓
Boom Height Control	UT	UT
Camera Support	✓	✓
ISOXML data transfer	✓ In/Out	✓ In/Out

# Streamline your spraying



## Complete overview of your spray job at your fingertips

The HC 9700 and HC 8700 provide an enhanced user experience, ensuring accuracy and efficiency in your spraying tasks. These controllers are AEF certified, guaranteeing dependable performance and a streamlined interface that makes managing your operations straightforward.

The HC 9700 and HC 8700 effortlessly transfer data and integrate with various farm management systems, including agrirouter. They simplify the process of reporting and keeping records. Designed to improve productivity, they offer easy access to essential information on your screen, giving you full control over your spray jobs.

### Ready for field maps

Both terminals offers the possibility to import/export parcel maps in ISOXML format. Hereafter, you can use AutoSectionControl to shut off boom sections automatically in accordance with the map – applying the right dose to the right place at the right time. Avoiding excessive spraying reduces expenses and greens your business.

### Ready for Agrirouter

You can manufacture independent data exchange to the Agrirouter platform using the HC 9700 and HC 8700 terminal's Agrirouter application.

Application or Spot spray task created in a Farm-Management-Information system (FMIS) can easily be transferred via Agrirouter to the controller and started with one button click. Upon completion of the job, the HC 9700 and HC 8700 controller will send the data to the FMIS.

### Key benefits

- Easy data transfer
- Work from your phone or tablet
- Ready for field maps

# PRO FORCE – Stability and performance



## New standards for boom folding and performance

### **PRO FORCE boom range**

Application precision demands high boom stability and performance, even under the most challenging field conditions. That's why the HARDI MEGA is now available with the vertically folded PRO FORCE booms, ranging from 15 to 28 metres.

The pendulum-suspended centre section, allows meticulous fine-tuning based on field conditions. The boom follows the slope or inclination in hilly terrains and is highly responsive in flat areas. Optional hydraulic AntiYaw dampers ensure peak performance, working alongside the mechanical damper to deliver exceptional results in hilly terrains and during swift headland turns, effectively preventing horizontal movement.

### **AutoFold – top-tier patented boom solution**

The hydraulic design introduces AutoFold for swift and secure boom folding, providing maximum comfort. It also supports partial folding of the boom for enhanced functionality. AutoFold is standard on all PRO FORCE booms with AutoTerrain boom management. The whole folding process is controlled by the SmartCom electronic platform and operated on the ISOBUS terminal.

For added convenience, the heavy-duty lock facilitates effortless single-side folding.

The electro-hydraulic system seamlessly integrates solutions like ActiveSlant and AutoTerrain boom management. Combined with the

heavy-duty suspended boom lift of the MEGA, it achieves excellent performance even at high driving speeds.

### **PRO FORCE boom wing design**

The modular boom wing design offers maximum protection for the boom fluid system. This setup allows for the integration of precision farming solutions like the PulseSystem or PrimeFlow with AutoNozzleControl. Distinct boom segments are securely fastened and easily adjusted using a newly engineered over-centre locking device.



18-28 m



AutoFold



AutoTerrain



NegativeTilt



AntiYaw



AutoFold for quick and secure boom folding.



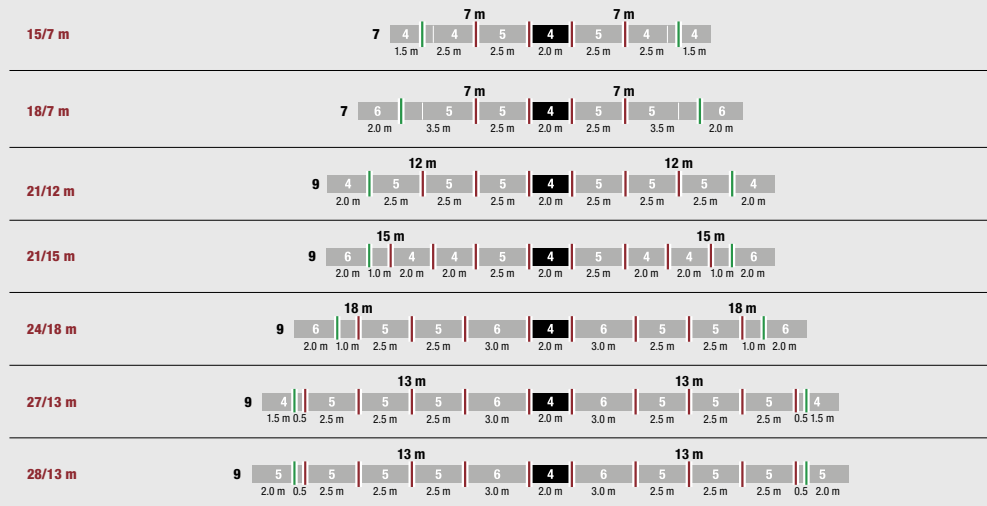
Long boom lift, for a large span of boom working heights from 50-210 cm.



Nozzles protected for lower boom height and better drift control.

**PRO FORCE features:**

- Vertically folded booms
- Heavy-Duty Lock for single-side folding
- Superb boom stability with AutoTerrain and NegativeTilt
- AutoFold for quick and secure boom folding (optional)
- Top performance, even at high speeds
- Nozzles protected for lower boom height and better drift control
- Precise application with hydraulic AntiYaw damping



| = Breakaway | = Fold x = Number of nozzles in the section

# Outstanding boom stability



## Fully automatic boom control systems

The MEGA offers two levels of boom management systems: AutoTerrain and ActiveSlant. Depending on the level chosen, the system can regulate height, slant, tilt, and yaw for superb boom stability, distinguishing itself by preventing rather than merely correcting unintended boom movements. These systems use ultrasonic sensors on the boom wings and roll sensors at the centre to monitor and adjust the boom's movements before any disturbances occur.

A stable boom reduces wear and tear on the sprayer and its operator. The sprayer will have a longer lifespan, and the operator will

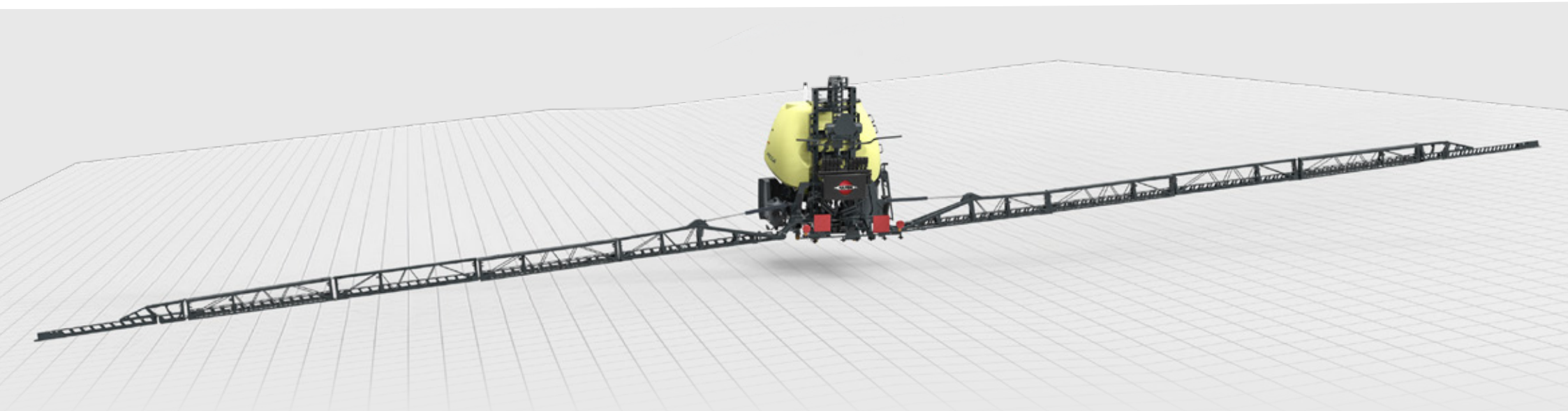
experience less fatigue and stress from having to monitor the boom constantly.

The AutoTerrain system has been rigorously tested under challenging field conditions, demonstrating excellent performance when spraying with low boom heights at high driving speeds exceeding 15 km/h. When turning on the headland, the system counteracts the boom's natural pendulum tendency to dip on the inner side, ensuring a level boom throughout the turn. AutoTerrain effectively eliminates the risk of the boom hitting the ground.

### **AirRide suspension for impressive comfort**

For unparalleled comfort both in the field and on the road, the lower linkage-mounted AirRide suspension is permanently active. This increases the work rate by isolating shocks from the tractor, providing a more stable platform for spraying, thereby improving boom stability and allowing for increased forward speed.

Time spent away from the field can also be reduced due to the higher road transport speeds enabled by AirRide and its superior operator comfort.



**AirRide**

**Suspension for impressive comfort**

- Permanently active suspension
- Isolating shocks from tractor
- Enhanced stability and speed.
- Superior operator comfort, less downtime.



**AutoTerrain**

**For more challenging field conditions**

- Boom height
- Hydraulic slant
- AutoFold
- Individual tilt of boom wings and NegativeTilt
- 3 ultrasonic sensors with integrated roll sensors
- Temperature-controlled proportional valves
- Optional extra on all booms

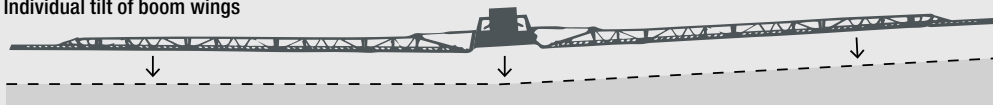


**ActiveSlant**

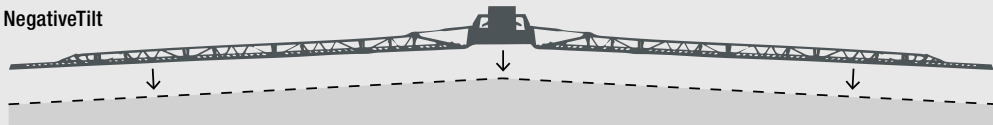
**For less challenging field conditions**

- ActiveSlant controls boom height and slant.
- Boom height
- Hydraulic slant
- 2 ultrasonic sensors with integrated roll sensors
- Optional extra on all booms

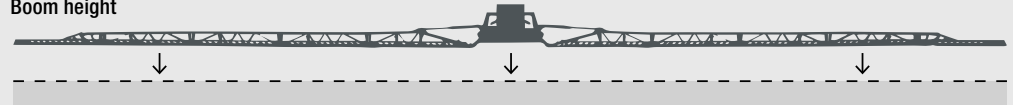
Individual tilt of boom wings



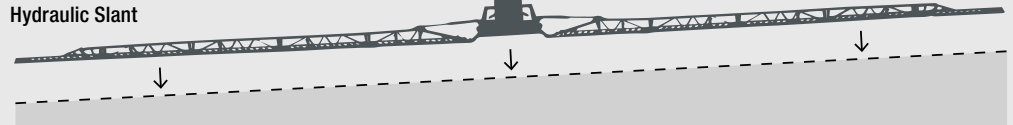
NegativeTilt



Boom height



Hydraulic Slant



# Selected optional extras



## BoomPrime

The optional BoomPrime is a low-pressure circulation system.



## Filling Device

The MEGA can be equipped with a PumpFiller, including a 5 m filling hose. The sprayer is filled through the suction capacity of the pump.



## Boom lights

LED lamps are placed behind and gives a good overview of blocked nozzles



## InLine filter

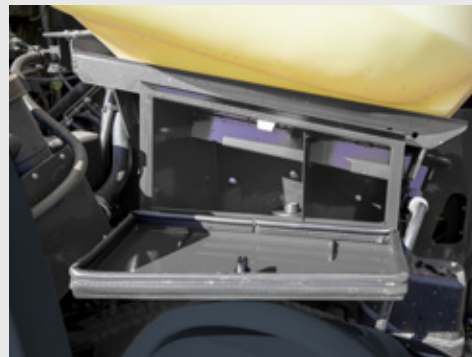
The MEGA can be equipped with easy-to-service In-Line filters to avoid blocking nozzle filters when working with low volume rates or eliminate the need for nozzle filters.



## Storage wheels

4 heavy duty wheels are an option on MEGA.

Front wheels are able to rotate to assist in manoeuvring the sprayer.



## SafetyLocker

The SafetyLocker is assembled on the left side above the TurboFiller. It can be used for storage of gloves and mask in the working zone.



## External cleaning kit

A cleaning kit can be fitted for safe external cleaning of the complete sprayer in the field.



## FrontTank

The HARDI FrontTank provides additional options for your spraying operations

# Technical specifications

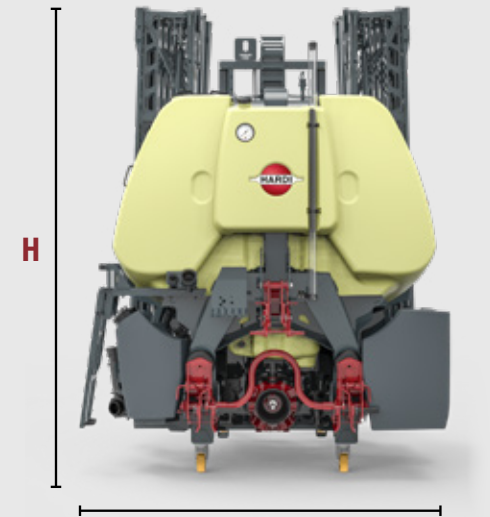
MEGA	1200	1500	1800	2200
<b>Tanks</b>				
Main tank, 1200 l Nominal (Full 1350 l)	✓	✗	✗	✗
Main tank, 1500 l Nominal (Full 1630 l)	✗	✓	✗	✗
Main tank, 1800 l Nominal (Full 1950 l)	✗	✗	✓	✗
Main tank, 2200 l Nominal (Full 2380 l)	✗	✗	✗	✓
RinseTank 170 l	✓	✓	✓	✓
Clean water tank 20 l	✓	✓	✓	✓
<b>Frame</b>				
3-point cat 2 or cat 3	✓	✓	✓	✓
AirRide suspension	+	+	+	+
<b>Pumps</b>				
Pump 364 (194 l/min)	✓	✓	✓	✓
Pump 464 (280 l/min)	+	+	+	+
<b>Fluid regulation</b>				
DynamicFluid4 – pressure based	✓	✓	✓	✓
<b>Liquid system</b>				
EFC operating unit max 9 sections	✓	✓	✓	✓
EFC – BoomPrime	+	+	+	+
PrimeFlow	+	+	+	+
PrimeFlow incl. AutoNozzleControl	+	+	+	+
ActiveAir	+	+	+	+
<b>Booms</b>				
PRO FORCE 15 m	✓	✓	✓	✓
PRO FORCE 18 m	+	+	+	+
PRO FORCE 21/12 m	+	+	+	+
PRO FORCE 21/15 m	+	+	+	+
PRO FORCE 24 m	+	+	+	+
PRO FORCE 27 m	+	+	+	+
PRO FORCE 28 m	+	+	+	+
<b>Valves</b>				
Manifold	✓	✓	✓	✓
Manifold + DilutionKit	+	+	+	+

✓ Included

✗ Not included

+ Optional extra

MEGA	1200	1500	1800	2200
<b>Filters</b>				
EasyClean suction filter	✓	✓	✓	✓
CycloneFilter	✓	✓	✓	✓
Inline	+	+	+	+
Nozzle	✓	✓	✓	✓
<b>Electronics</b>				
SmartCom ISOBUS	✓	✓	✓	✓
<b>Terminals</b>				
ISOBUS	✓	✓	✓	✓
HC 8700	+	+	+	+
HC 9700	+	+	+	+
<b>Weight in kg (empty)</b>				
PRO FORCE 15 m	1428	1433	1464	1479
PRO FORCE 18 m	1446	1451	1482	1497
PRO FORCE 21/12 m	1496	1501	1532	1547
PRO FORCE 21/15 m	1496	1501	1532	1547
PRO FORCE 24 m	1514	1519	1550	1565
PRO FORCE 27 m	1601	1606	1650	1665
PRO FORCE 28 m	1611	1616	1660	1675
<b>Measurements, cm (L x W x H)</b>				
PRO FORCE 15 m	175x234x288	175x234x288	183x234x288	183x234x288
PRO FORCE 18 m	175x234x310	175x234x310	183x234x310	183x234x310
PRO FORCE 21/12 m	190x234x288	190x234x288	198x234x288	198x234x288
PRO FORCE 21/15 m	190x234x327	190x234x327	198x234x327	198x234x327
PRO FORCE 24 m	190x234x327	190x234x327	198x234x327	198x234x327
PRO FORCE 27 m	205x234x327	205x234x327	213x234x327	213x234x327
PRO FORCE 28 m	205x234x327	205x234x327	213x234x327	213x234x327



W



L

**We make precision farming intuitive, accessible and reliable.**  
**Supporting farmers to protect their crops for a sustainable future.**

The acceleration of climate change and resource depletion poses a major challenge to meeting future food demand in a sustainable manner. At HARDI, our dedication lies in developing future-ready solutions that help our customers to maximise yield while reducing their environmental impacts.

Trusted by farmers worldwide, HARDI is renowned for high quality and well-designed machinery. You can rely on our products to achieve precise dosage and targeted applications with minimal drift and waste.

With over 60 years of experience behind us, HARDI INTERNATIONAL A/S remains a global trendsetter in the application of crop protection products. Head-quartered in Denmark, we are present in more than 100 countries through a network of subsidiaries, agents and importers.

Join us in practising sustainable agriculture as we work towards beneficial outcomes for both you and the environment.

**HARDI – Your Crop Care Partner**

The HARDI Group is a division in the Agricultural Spraying segment of Exel Industries S.A.  
HARDI reserves the right to change the specifications without notice. Illustrations shown may include optional extras and accessories. HARDI® and the HARDI logo is registered trademarks of Exel Industries S.A.

    #HARDIsprayers



**HARDI INTERNATIONAL A/S**

Herthadalvej 10 · 4840 Nørre Alslev · Denmark · Tel: +45 54 46 48 00  
Email: [info@hardi.com](mailto:info@hardi.com) · [www.hardi.com](http://www.hardi.com)

For more information about our commitments, products, solutions and dealers

**[hardi.com](http://hardi.com)**