

900 SERIES

TRAILED SPRAYERS



JOHN DEERE

NOTHING RUNS LIKE A DEERE

IT'S PERFECT FOR YOUR CROP

Choose the right 900-series sprayer for Your crops and Your farm: The M900(i) combines durable manual controls and high capacity. Look at the R900i for push-button convenience, automation and maximum accuracy. Each 900-series excels in small grain, potato and high-value speciality crop situations.



Our M and R Series models share the same robust chassis for rock-solid stability and produce optimal results every step of the way – from job planning, filling, transport, and spraying, right through to rinsing and chemical residue management.



M900(i) and R900i Series

**INNOVATION HAS A HISTORY
AT JOHN DEERE. WE'VE BEEN
ADVANCING SPRAYER
TECHNOLOGY SINCE 1947.**



M700(i) Series

R700i Series

R4i Series with
40i & 50i Sprayers

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Acclaimed John Deere
quality and reliability:
The 900 Series M and R models.

BUILT FOR YOU

Four tank sizes from 4,400 to 7,500 litres, double or triple-fold booms from 24 to 40 metres, and ISOBUS*. There's a 900 Series sprayer that's perfect for you.



TERRAINCONTROL PRO AND TERRAINCOMMAND PRO

Fully automated boom height and roll control with Active Centre Frame Control for spot-on boom position accuracy.

POWERSPRAY™ ADVANTAGE

Our R900i models include this unique 2-circuit system for faster filling, more accuracy with direct rate control, powerful agitation and quick, efficient full system rinsing.

INDIVIDUAL NOZZLE CONTROL

Controlling your spraying nozzle by nozzle gives you total-precision crop protection with the ability to spot-spray across the entire field.

900 SERIES MODEL LINEUP

MODELS	SOLUTION TANK		BOOM WIDTHS		PUMP TYPE	PUMP OUTPUT L/MIN
	L	M				
M900(i)						
M944(i)	4,400	24-40	Piston diaphragm pumps	560 l/min (2 x 280 l/min) for filling 280 l/min for spraying (max. 250 l/min to the boom) 280 l/min for auxiliary functions		
M952(i)	5,200					
M962(i)	6,200					
R900i						
R944i	4,400	24-40	Self-priming centrifugal filling pump and centrifugal spray pump	1,200 for filling 750 @ 3 bars (1,000 optional) for application		
R952i	5,200					
R962i	6,200					
R975i	7,500					

*M900i and R900i only

DURABLE

Extra-solid steel chassis and a choice of fixed or steering axles. Built for a long life of hard work.

EASY ACCESS

With the Operations Center on MyJohnDeere.com your 900-Series data is in one central hub.

CIRCULATION UP TO THE NOZZLES

Pressure circulation always ensures the right concentration and pressure at each nozzle and reduces nozzle blockages.

OPTIONAL 25 CM NOZZLE SPACING

Now you can lower boom height to reduce drift without compromising on quality and coverage – maintain fine droplet size and minimise drift.

SUPERIOR CONTROL

Machine control through intuitive operator interface and multifunction lever. The R900i and M900i are ISOBUS certified.

SMOOTH RIDE

ProRoad double link axle suspension with maintenance free polyurethane dampers guarantees a smooth ride in the field and on the road.

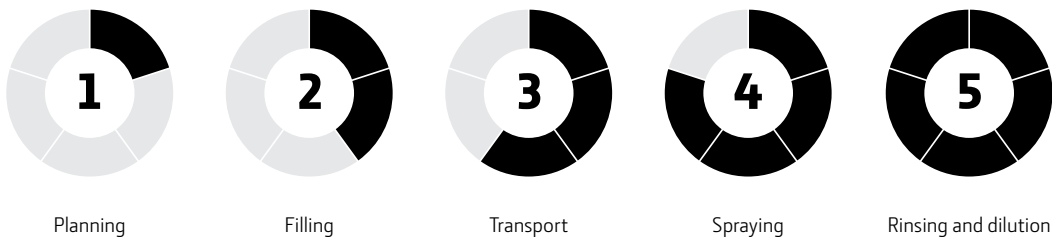


EVOLVED TO PERFORM

Experience meets innovation in how the 900 Series fuse straightforward, trouble-free spraying tradition with the latest technologies for next-level performance.

THE PATH TO PERFECT

Here's the thing about spraying: it's a complex process with lots of moving parts. Getting every single step right is mission critical. There's a lot depending on it. Our idea with the 900 Series sprayers is to help you managing the process flawlessly and make each step a sure-fire success.



From planning and documentation, through filling, transport, spraying, rinsing and dilution, the technology we've built into the 900 Series makes spraying easier, safer, more accurate and more profitable. Complex has never been this easy.







PLANNING FOR PRODUCTIVITY

CONNECTED FARM MANAGEMENT

The John Deere Operations Center is your farming management portal of choice for collecting and visualising agronomic and machine information. Showing you all essential information at a glance, it helps you make fact-based decisions quickly and easily.



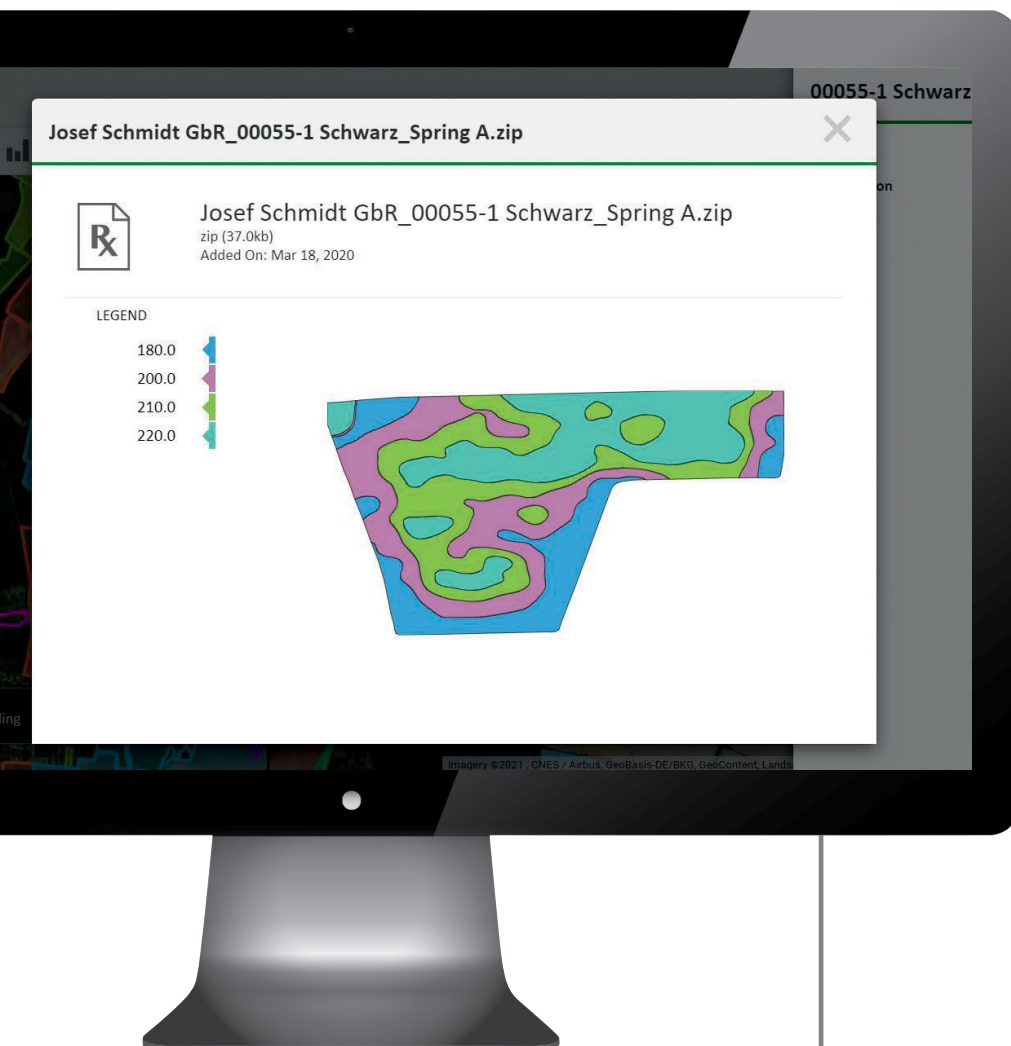
The Operations Center web portal connects you to your machines and your fields from one central location. It also allows you to seamlessly exchange information with your John Deere dealer, your contractors or other trusted partners.

- Raise your efficiency in the office with streamlined administrative workflows
- Generate documentation faster and easier than ever
- Have the information from your implements readily and conveniently available in one central hub
- Exchange data with trusted partners while maintaining total control over it

START WORKING WITHOUT DELAY

Conveniently plan your work during off-season, so that everything will go smoothly during peak season. You can easily create, edit or delete display set-up data like clients, farms and fields, boundaries, guidance lines or machine and implement off-sets in your personal Operations Center account.

Wirelessly transfer setup data and prescription maps to your Gen4 display before you start, and these work details will be displayed when you enter the field. Then, after you finish, your documentation data is available for further analysis in your Operations Center.



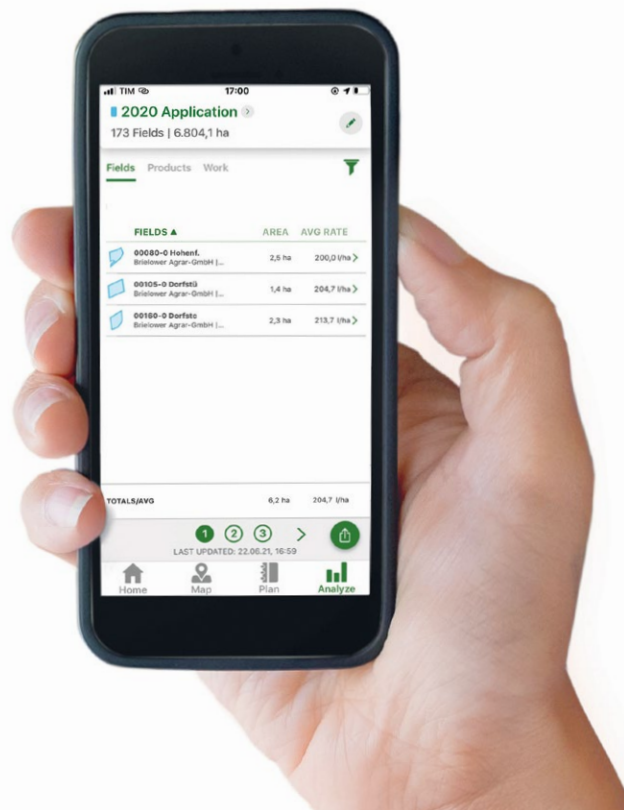
VARIABLE RATE APPLICATION*

Just upload a prescription map to your Gen 4 display and you're ready to go with variable rate application! Alternatively, connect a crop sensor to the display.

*Ask your John Deere dealer for more information.

EXCHANGING FILES ON THE GO

Once you have completed a task, the documentation map is available in your Operations Center app. While driving to your next job, you can already send the map from your mobile phone to your customer.



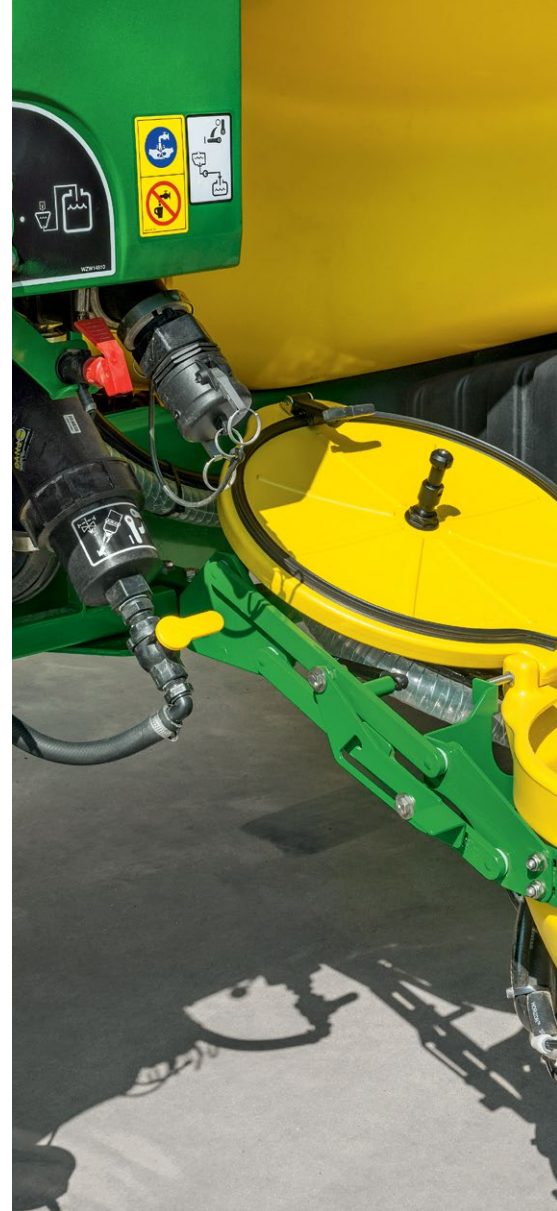


FAST AND SAFE

FILLING

Let's save you some time. We made filling the M900(i) as simple as it could be. Now you have more time for spraying instead of getting ready to do it.

When we designed the ergonomic operator station, our goal was clear: make filling easy, safe and fast. You will benefit from durable manual control valves that leave nothing to chance and self-priming piston diaphragm pumps that fill the tank at 560 l per minute. If you're looking for extra convenience and precision, there's also an AutoFill option available.



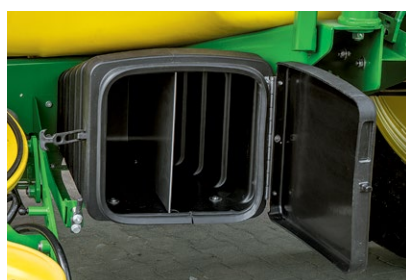
STRAIGHTFORWARD MANUAL CONTROLS

Larger valve handles add convenience, minimise operator error, and save valuable time during setup.



POWFILL CHEMICAL INDUCTOR

It's fast and easy to use. Rinsing jets dilute and dissolve the plant protection and nutrient products, while the anti-bridge nozzle prevents blockage on the bottom. Use the rotating rinse head with its push valve to rinse containers and the eductor lid rinsing head for easy inside cleaning. All product passes through the tank lid filter basket before reaching the solution tank, preventing debris like can seals or leaves from accidentally entering the tank.



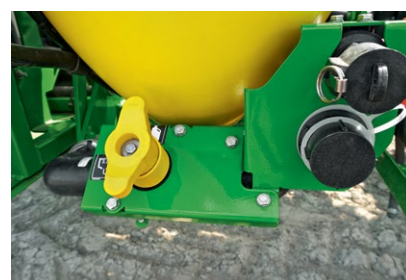
KEEP IT SORTED

The standard storage locker has two compartments: one for clean clothing, the other for contaminated personal protective gear.



CHEMICAL STORAGE BOX

Access all you need anytime. Store chemicals safely and securely in a 200 l lockable storage box on your M900(i) sprayer.



BIG ON SAFETY

With our easy connection to any closed transfer system you avoid almost any contact with crop protection products. It allows you to fill and rinse by plugging directly into the container with an adapter that is widely used by crop protection manufacturers.



THE POWER OF TWO

FILLING

Looking for the ultimate in convenience? Then our R900i models with PowrSpray™ are your answer.

PowrSpray™ is a 2-circuit system: one for filling and one for spraying. The filling circuit has its own dedicated self-priming filling pump with a 1200 l/min capacity and is entirely separate from the spraying circuit to keep it clean. Thanks to Active Pause, PowrSpray™ allows you to fill the biggest tank in about six minutes while giving you all time and clean water you need to add crop protection products and properly rinse the containers.



CONVENIENT FILLING

Leave your flashlight in the cab: Safely fill your R900i in the dark with the load station light.



CHEMICAL STORAGE

Store chemicals safely and securely in this 250-l lockable storage box on your R900i.

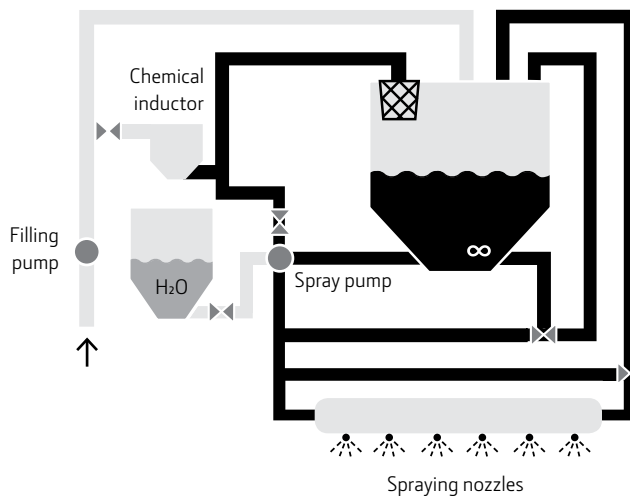


SOLUTION COMMAND

From the operator station, fast filling, benchmark application accuracy, power agitation and fast efficient rinsing are yours at the touch of a Solution Command button.

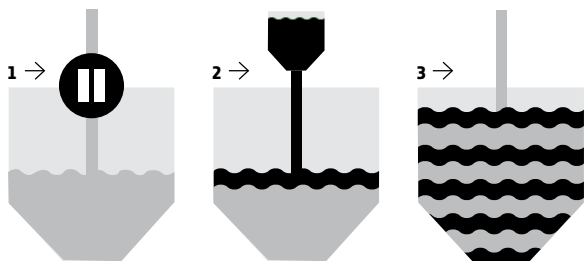


PowrSpray™ allows you to fill up to 7,500 liters in less than 6.5 minutes and still have all the time and clean water you need for adding chemicals and rinsing containers.



■ Filling circuit
■ Spraying circuit

With two pumps, each dedicated to its task, the PowrSpray™ dual-circuit system provides fast filling and accurate spraying. The best of both worlds!



1. Fill half with water
2. Add chemicals
3. Fill the rest of the tank

ACTIVE PAUSE

Available on the R900i: Fill your sprayer's tank in just a few minutes with PowrSpray™ and still have all the time and clean water you need for adding plant protection products and rinsing containers with PowrSpray™'s Active Pause feature.



THE ROAD FEELS GREAT

TRANSPORT

The 900 Series is as effective on the road as it is in the field – thanks to its low centre of gravity, even weight balance and up-to-date suspension technology.



HIGH MANOEUVRABILITY

Our unique steering axle allows you to easily access narrow field entries or manoeuvre in tight spaces, even when the boom is folded at speeds up to 8 km/h.



With the booms safely fastened for transport you can trail this sprayer at speeds of up to 40 km/h*. Our maintenance-free double link axle suspension absorbs the hard knocks for a safe ride and will protect your sprayer for many trouble-free seasons.



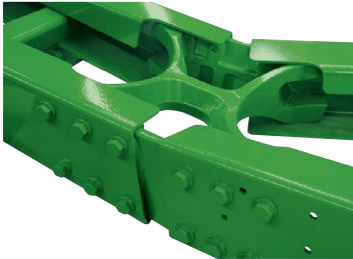
*where legally permitted



Making faster progress on the road requires rock-solid stability. That's why we gave the M900(i) and R900i a low centre of gravity by setting the tank even lower into the sturdy, well-balanced chassis. Now transport speeds of up to 40 km/h* are safe, easy and feel secure.

ROCK-SOLID CHASSIS

We designed the chassis specifically for the dynamics of spraying – with a cast-iron cross structure in the centre section to absorb torque and a deep sump tank for a low centre of gravity.



FOCUSED ON FUNCTIONALITY

CONTROLS AND DISPLAYS

When you have the right display and control combination, there's a productivity edge in it for you.



AEF Certified

ISO BUS

- ✓ UT
- ✓ AUX-N
- ✓ TC-BAS
- ✓ TC-GEO
- ✓ TC-SC

CONVENIENT CONTROL

When you hold a John Deere multifunction control joystick in your hand, you have access to all critical sprayer functions. Together with a John Deere 4240 or 4640 Universal display, or an integrated 4200 or 4600 tractor CommandCenter™, you're using the most advanced control system on the market – with master and section controls, boom functions and steering operation at your fingertips.

M900i AND R900i: THE “i” ADVANTAGE

The ISOBUS AUX-N functionality allows you to control your M900i and R900i with the CommandPRO™ joystick that's already built into our 6R tractor. Its smart ergonomic layout makes operating the sprayer even more intuitive and precise. If you already have an AUX-N ISOBUS joystick or ISOBUS display in your tractor, go ahead – the M900i and R900i are ISOBUS compatible.

See, create, and control your productivity: Choose from our range of integrated and universal displays to suit your specific needs.

- 1 | Swap between sprayer operation mode and boom folding mode
- 2 | Boom roll control
- 3 | Boom roll levelling
- 4 | Spray Master on/off with LED indicator showing status
- 5 | Axle steering engagement
- 6 | Automatic boom height engagement
- 7 | Boom height
- 8 | Variable geometry left and right
- 9 | Boom sections
- 10 | All sections resume
- 11 | Solution pump off
- 12 | Manual steering axle
- 13 | Centering steering axle



INTELLIGENT CONTROL

YOUR PATH TO PRODUCTIVITY

With John Deere displays, there's no spraying challenge you can't handle: Think full guidance, comprehensive documentation, prescription spraying, full sprayer control and support for up to 4 cameras.

Our Gen4 Displays feature tablet-like swipe functionality with wonderfully intuitive user interfaces and are fully certified ISOBUS AEF compatible. The customisable display layout allows you to adapt it to the way you like to work. For the M900, you'll also want to consider our entry-level 1100 implement display for simple automatic sprayer control on a 4.3" full-colour display.



1100 IMPLEMENT DISPLAY

The 1100 Implement Display is the entry-level option for non-ISOBUS sprayers like the M900. It has a 11 cm (4.33 in.) color screen in combination with 8 buttons and a scroll wheel. Not compatible with Precision AG functionalities.



UNIVERSAL DISPLAYS

The ISOBUS-compliant 4240 (21 cm/8.4") and 4640 (26.4 cm/10") touchscreen displays feature section control, variable-rate application, documentation and upgradeability to wireless communications, incl. AutoSetup and Precision Ag features like AutoTrac™ Vision (4640).



See, create and control your productivity:
Choose from our range of integrated and universal
displays to suit your specific needs.

REMOTE DISPLAY ACCESS*

Do you need instant advice and help in the field from your dealer's specialists? Remote Display Access allows them to assist you with machine/ implement setup and other tasks remotely – like being virtually in the cab with you.



*Requires a JDLink™ telematics terminal and JDLink™ connectivity



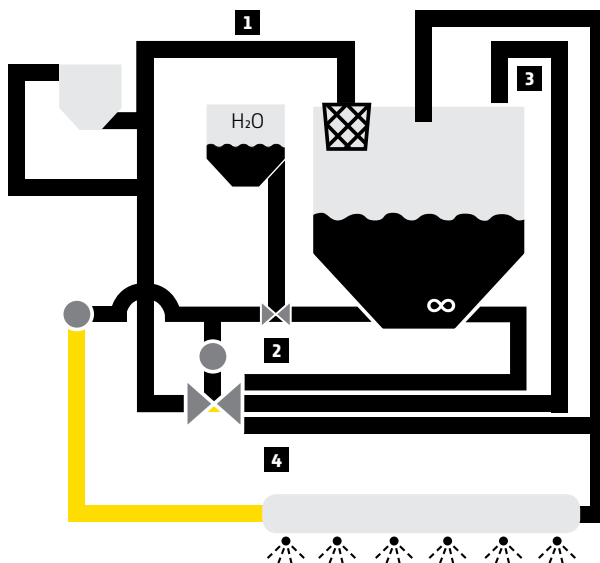
PRECISION APPLICATION

SPRAYING

The wet systems of the M900(i) and R900i Series are engineered to ensure a stable pressure at each nozzle and maintain a constant application rate.

POWERFUL PAIR

You can have it both ways. To independently guarantee stable application rate and optimum agitation performance, The M900(i) has two piston diaphragm pumps, each capable of generating 280 l/min. One delivers a maximum of 250 l/min to the boom through an electronic spray rate regulator. The other produces up to 10 bars of pressure within the primary pressure circuit to ensure optimal agitation independent of spray pressure and other auxiliary functions.



- 1 | Venturi for inductor
- 2 | Agitation
- 3 | Filling
- 4 | Rinsing

- Primary Pressure System
- Secondary Pressure System



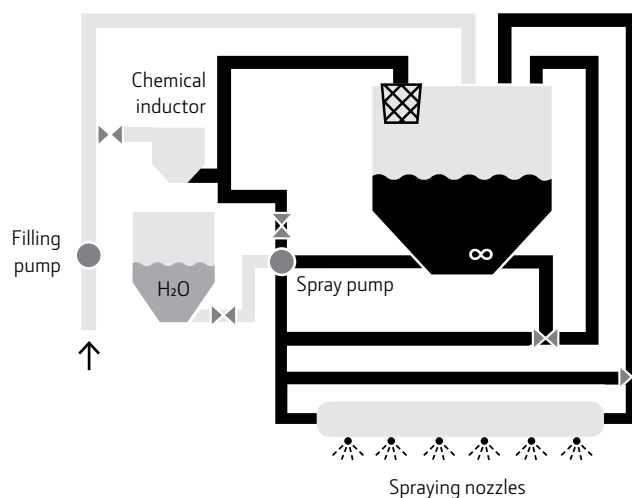
PowrSpray™: Direct Rate Control swiftly reacts to speed changes or section switching to eliminate over and under dosing. In variable rate applications, the adjustment is practically instantaneous.

DUAL CIRCUIT DESIGN

The unique PowrSpray™ solution built into the R900i features 2 liquid circuits: A spraying circuit, powered by a 750 l/min (optional 1,000 l/min) high pressure centrifugal spray pump and a completely separate filling circuit, with a 1,200 l/min pump optimised for rapid tank filling.

ACCURATE AND ECONOMICAL

Both pumps operate independently of the tractor engine rpm via Power Beyond, so you can even spray with your engine at reduced rpm and minimise noise and fuel consumption. The unique dry-run protection automatically shuts down the spray pump if no liquid is present, protecting the spray pump from incorrect operation.



■ Filling circuit
■ Spraying circuit



TOTAL BOOM STABILITY

SPRAYING

Uncontrolled boom motion carries a high cost: wasted chemicals and lower yields. Our boom technology makes sure that does not happen.



CENTRE FRAME DESIGN

The parallelogram and pendulum centre frame with nitrogen accumulator damping gives you perfect height adjustment and keeps the boom level without transferring vehicle roll. It features a hydraulic cylinder boom roll adjustment, for adaption to field conditions and boom yaw, dampened with polyurethane dampers and shock absorbers or hydraulic cylinders with nitrogen accumulators.

BOOMS FROM 24 TO 40 M

Choose from double fold booms or triple fold options with low transport height. Reduced width symmetrical and asymmetrical folding options add multi-crop and field versatility.

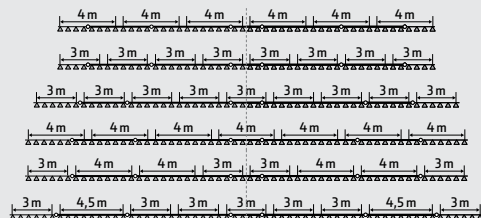


**DOUBLE FOLDED BOOMS
24 – 30 METRES**

**NO. OF
SECTIONS**

24 / 12	6	4-4-4-4-4-4
24 / 12	8	3-3-3-3-3-3-3-3
27 / 15	9	3-3-3-3-3-3-3-3-3
28 / 14	7	4-4-4-4-4-4-4
28 / 14	8	3-4-4-3-3-4-4-3
30 / 15	9	3-4.5-3-3-3-3-3-4.5-3

SECTION WIDTHS, M



**TRIPLE FOLDED BOOMS
27 – 40 METRES**

**NO. OF
SECTIONS**

27 / 18	7	4.5-4.5-3-3-3-4.5-4.5
27 / 21	9	3-3-3-3-3-3-3-3-3
28 / 20	7	4-4-4-4-4-4-4
30 / 21	9	4.5-3-3-3-3-3-3-3-4.5
32 / 21	8	4-4-4-4-4-4-4-4
33 / 21	11	3-3-3-3-3-3-3-3-3-3-3
36 / 24	9	4-4-4-4-4-4-4-4-4
36 / 24	12	3-3-3-3-3-3-3-3-3-3-3-3
39 / 27	13	3-3-3-3-3-3-3-3-3-3-3-3-3
40 / 27	13	3.5-3-3-3-3-3-3-3-3-3-3-3-3.5

SECTION WIDTHS, M



ALWAYS IN ACCURACY MODE

SPRAYING

TerrainControl Pro, TerrainCommand Pro and Active Centre Frame Control complement the already exemplary mechanical boom stability of the 900 Series. You now get fully automated boom height and roll control on the most solid and accurate spraying platform you have ever experienced.

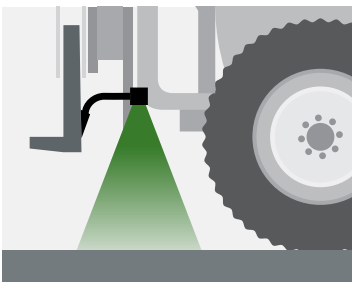
ABSOLUTE PRECISION

No misses, no drifting, just consistent coverage – automatically. With TerrainControl Pro and TerrainCommand Pro the boom is always where it needs to be for optimum coverage. Purpose-designed Hybrid-mode sensors simultaneously track both soil and crop, learning the crop height to prevent lowering into areas of down crop. Active Centre Frame control eliminates unwanted movement and prevents boom leaning during headland turns.



With TerrainCommand Pro, three to five ultrasonic sensors with IMU's help position the spray boom correctly at all times – maintaining constant spraying heights for perfect application coverage, less drift, higher speeds, and reduced operator stress.

SOIL MODE



CROP MODE



Hybrid-mode sensors are able to differentiate between the soil and crop, to learn the crop height to prevent lowering into areas of down crop.

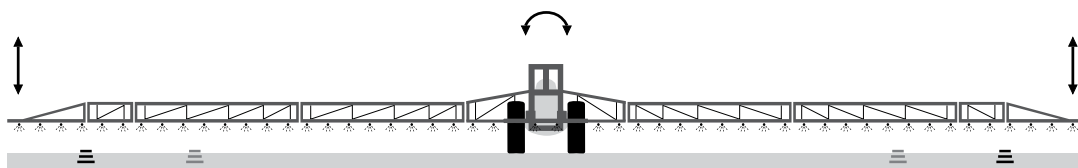
HYBRID MODE



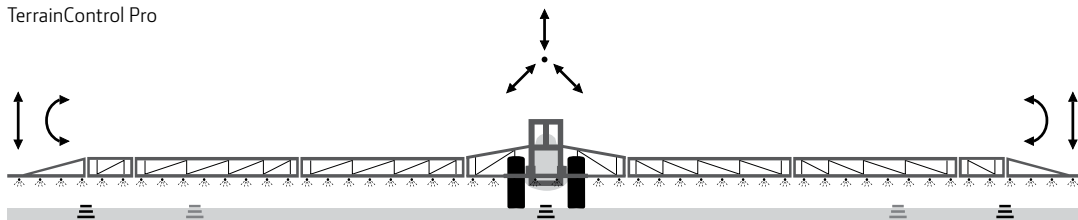


Ultrasonic sensor with IMU
(Inertia Measurement Unit)

PERFECT BOOM ALIGNMENT



TerrainControl Pro



TerrainCommand Pro

TerrainControl Pro features Active Centre Frame Control for maximum precision: Ultrasonic and IMU (Inertia Measurement Unit) sensors measure the complete boom centre frame roll movement, the changes in the roll movements and the speed changes in the roll movements. The standard boom roll (tilt) cylinder then compensates for any boom roll detected to eliminate the effects of chassis roll on nozzle height above the crop and the transfer of movement between opposite sides of the boom. TerrainCommand Pro adds to this automatic control of the boom variable geometry, independently on either side.

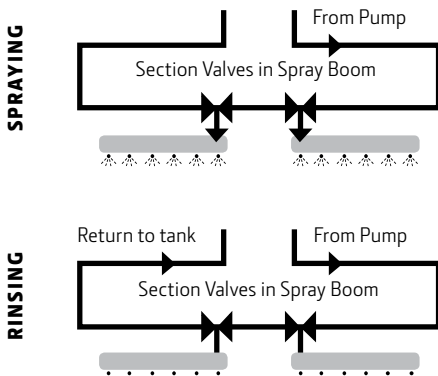
MAKING EVERY DROP COUNT

SPRAYING

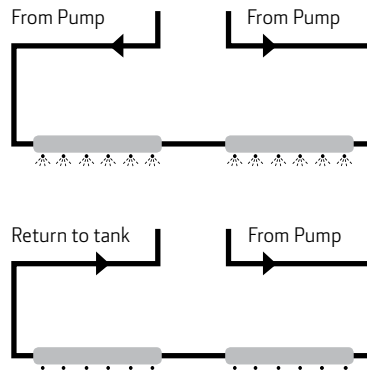
The technology we build into the 900 Series takes the guesswork out of spraying – the more precise you spray, the more hectares you will cover on a single tank fill.



RING LINE CIRCULATION



PRESSURE CIRCULATION



RING LINE CIRCULATION

Save time and chemicals with cost effective quick-start spraying on the M900(i): The system maintains spray liquid circulation up to the boom section valves as soon as the master is closed. When you're done, it speeds up and simplifies a thorough cleanout.

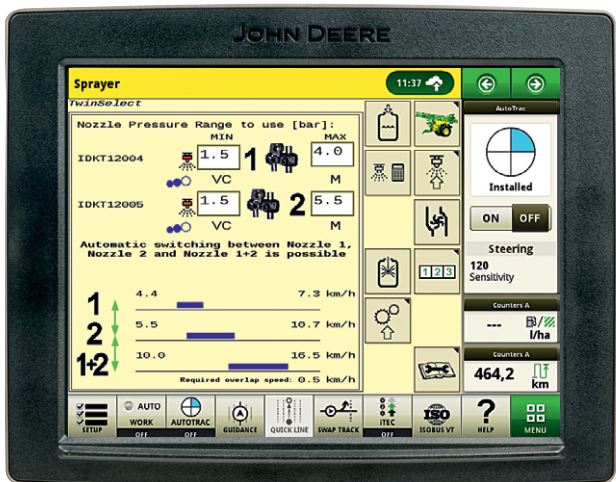
PRESSURE CIRCULATION

High rate, fast-start, full concentration spraying: Chemicals are always circulated right up to the nozzles. When spraying stops, circulation continues with a pre-set pressure, helping to prevent sedimentation and nozzle blockages. Cleanout is simple – you can just rinse out the spray lines with clean water without having to spray.



TWINSELECT™

Changing nozzles just became a whole lot quicker and easier with our push-button TwinSelect™ system – it saves time, adds greater flexibility and helps you cover more hectares every spraying day.



SAVE AND PROTECT

INDIVIDUAL NOZZLE CONTROL

We never stop improving. Individual nozzle control is more accurate, lowers input costs and increases your yield potential by reducing over- or under-dosing.



UP TO | **6 EUR/HA¹**
of crop protection products saved
with individual nozzle control

UP TO | **163 NOZZLES**
independently controlled with
individual nozzle control

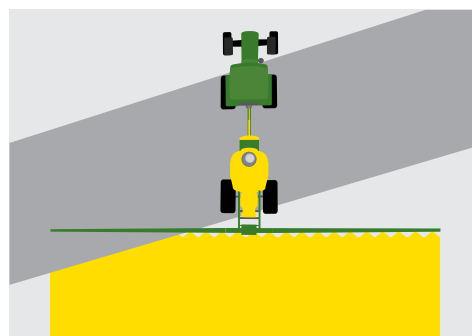
READY TO | **GAIN PRECISION**
through spot spraying



INDIVIDUAL NOZZLE CONTROL

Individual nozzle control means highly efficient localised crop protection application. You'll use up to 5% less crop protection chemicals – potential savings of up to 6 EUR per hectare¹. The system is electronically controlled and reaches its ultimate potential together with PowrSpray™.

INDIVIDUAL NOZZLE CONTROL



Good for you, good for nature:
Individual nozzle control gives
you more precise application
management and helps
protect the environment.

¹Based on a 500 ha wheat farm and assumed costs of 53 €/ha for herbicides and 65 €/ha for fungicides (5%*118 € = 5.90 €/ha)

EVERY DROP A WINNER

25 CM NOZZLE SPACING

Get all your plants protected with complete pass to pass coverage that misses nothing.

The 25 cm nozzle spacing option allows you to lower the boom height and spray at a constant height of 30 to 40 cm to reduce drift – without compromising on the droplet spectrum and while maintaining fine droplet size. You can combine 25 cm nozzle spacing with individual nozzle control, and for applications like liquid fertilizer, you can also work with 50 cm nozzle spacing.

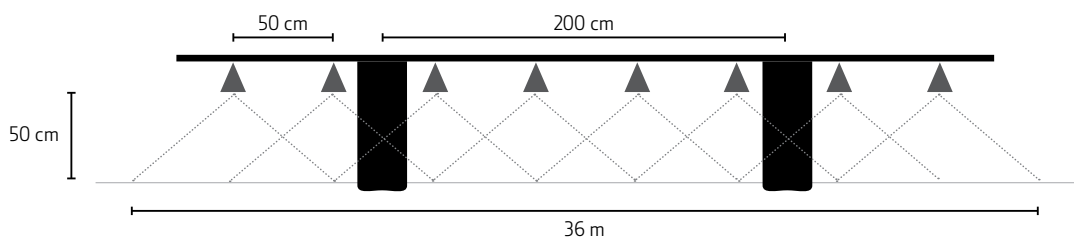


PERFECT COVERAGE

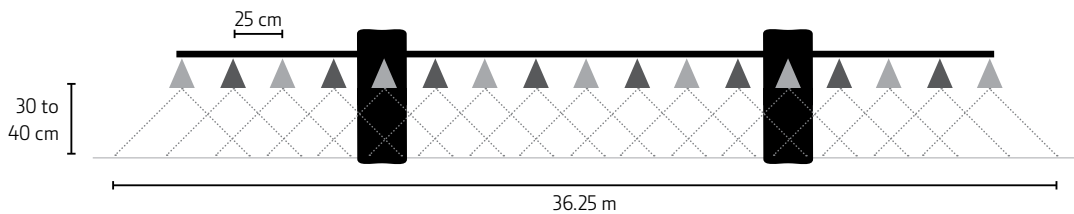
Miss nothing and protect everything with 25 cm nozzle spacing.



50 CM NOZZLE SPACING



25 CM NOZZLE SPACING - WITH OUTER NOZZLES



With 25 cm nozzle spacing, additional outer nozzles on the left and right ensure the correct coverage in pass-to-pass operations. This outer nozzle is automatically switched on or off based on section control, to ensure the correct coverage across the full width of the boom.

THE SHAPE OF PRECISION

SPRAY NOZZLES

Together with our nozzle partner Hypro, we have built an extensive range of nozzles that has you covered no matter what you're going to spray.



Our spray nozzle brochure provides additional information: ask your dealer for your copy of "The key to successful spraying".

CHOOSE THE RIGHT NOZZLE

A key factor for efficient spraying is the right nozzle choice for the application rate, crop and product you're working with. Performance parameters like drift reduction, degree of coverage as well as size of the drops in relation to spraying angles play an important role.

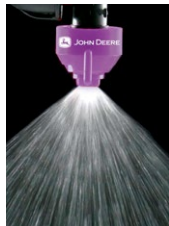
HEAVIER DROPLETS, FOR LESS DRIFT

Significantly reducing drift without any sacrifices in coverage is the domain of air inclusion nozzles. Their larger, heavier drift-resistant droplets have an air pocket inside. On impact, the droplets burst and deposit the spray liquid on the target. Our ULD, LDA and GAT models are air inclusion nozzles.

FOCUS NOZZLES



**STRAIGHT
STREAM
CERAMIC (STC)**



**ULTRA
LOW-DRIFT
(ULD) 120°**



**EXTENDED
RANGE (ER)
110°**



**GUARDIANAIR
TWIN™ (GAT)
110°**



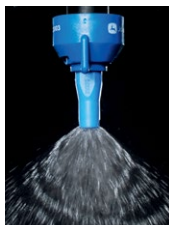
**LOW-DRIFT AIR
(LDA) 110°**



3D 100°



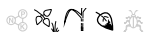
CERAMIC NOZZLES



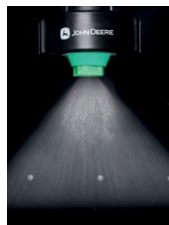
**ULTRA-LOW
DRIFT CERAMIC
(ULDC) 120°**



**LOW-DRIFT
AIR CERAMIC
(LDAC)
90°/ 120°**



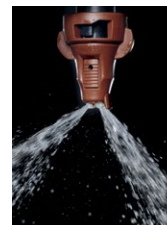
**GUARDIANAIR
TWIN™
CERAMIC
(GATC) 120°**



**LOW-DRIFT
CERAMIC (LDC)
90° & 120°**



**EXTENDED
RANGE
CERAMIC (ERC)
120°**



**ASYMMETRIC
ULTRA LOW
DRIFT CERAMIC
(AULDC) 120°**



Liquid fertiliser

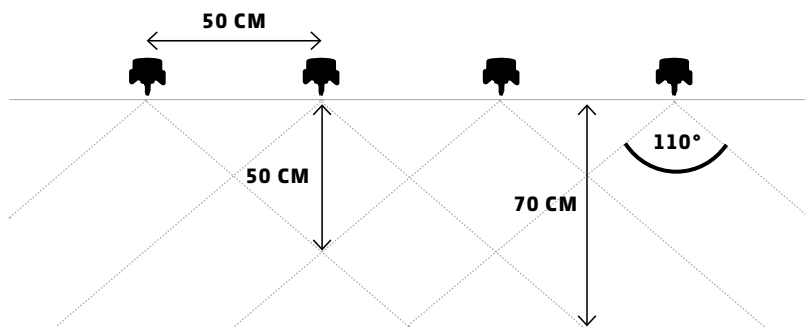
Herbicides

Plant growth regulators

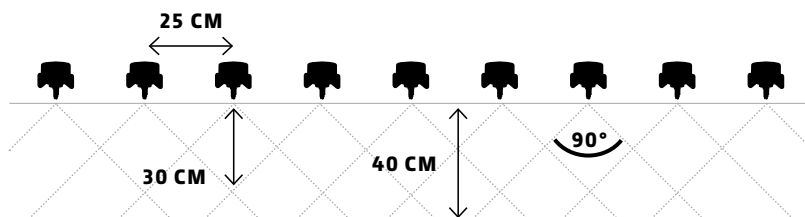
Fungicides

Insecticides

Nozzle with a 110° spraying angle at 50 cm nozzle spacing



Nozzle with a 90° spraying angle at 25 cm nozzle spacing





SAFE IS NOW FAST

DILUTING AND RINSING

Rinsing and dilution are easy with the 900 Series sprayers. You can activate AutoDilute and Continuous Dilute with the push of a button from the cab in the M900(i) and R900i.

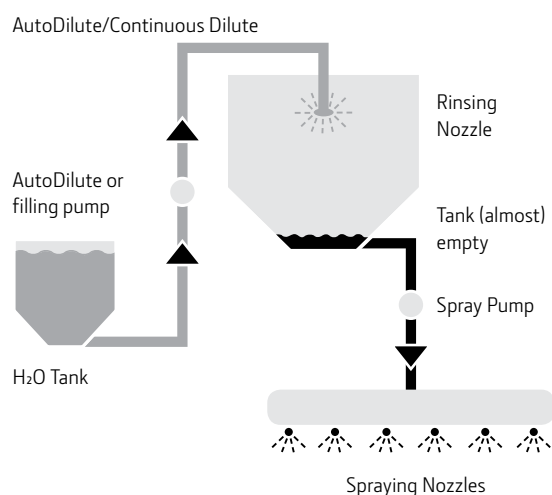
AUTODILUTE

How many rinse cycles do you need for the dilution you want? AutoDilute calculates it for you, taking all dead volume and remaining solution system content into account. Here's what else you get:

- Comfortable, in-cab control over the entire dilution process
- Rinsing mode: AutoDilute and Continuous Dilute
- Multiple rinsing options
- Faster rinsing for higher productivity
- No chance of operator errors
- No risk of crop damage and environmental pollution
- Complies with all current European legal and environmental regulations

CONTINUOUS DILUTE

Fast flushing between spray jobs to reduce residue at the nozzle? Without leaving the cab? Welcome to Continuous Dilute. While spraying completes, clean water is continuously added to the solution tank and reduces the spray solution concentration to very low levels.



The AutoDilute Rinse Calculator works out how many rinse cycles are needed to meet your dilution requirements. Once done, multiple automatic dilute-rinse-spray cycles lower the concentration of the residual liquid. It's foolproof, and gives you absolute peace of mind.





A look inside the tank of the R900i shows where AutoDilute and Continuous Dilute work.

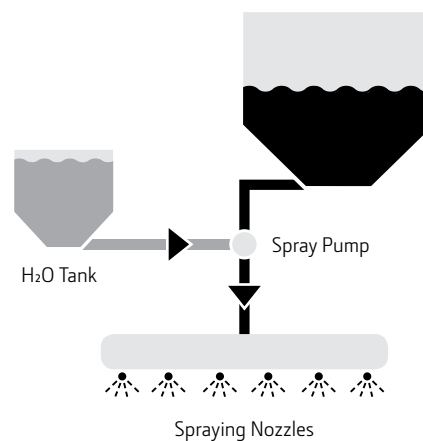
RINSE CYCLES

Rinse cycles allows a thorough step-by-step rinse of the entire spraying circuit, with the ability to skip steps. A rinse cycle is made out of 1 or 2 sequences:

- Rinsing: Recirculation line
- Rinsing: Return agitation line
- Rinsing: Inductor line
- Rinsing: Agitation line

Then you are ready to apply or empty the sprayer

Boom Rinse



Activate Boom Rinse at the push of an in-cab button with the R900i. Spray out the spray solutions and fill the boom with rinse water to prevent the risk of sedimentation and nozzle blockage.



DO THINGS YOUR WAY

ATTACHMENTS

Chances are that you have some very specific ways of doing things. That's great, there are lots of attachments for making your M900(i) and R900i perfect for you.



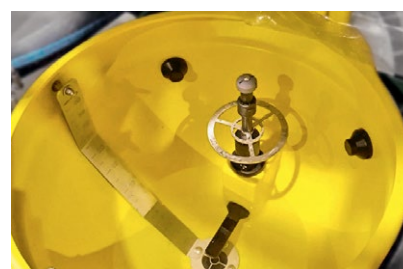
BREAKAWAY PROTECTION

Protects against damage of spray nozzles, nozzle bodies, and other parts when driving on field borders or during transport next to bushes and trees.



HIGH PRESSURE WASHER

This onboard 100 bar high pressure washer effectively cleans both sprayer and booms in the field. Hydraulically driven, it comes with a 16 m hose, hose reel and spray gun.



STAINLESS EDUCTOR LEVEL GAUGE

Get an accurate read on the plant protection mix present in the eductor.



OUR LED BOOM LIGHTING OPTION

Become more flexible and buy yourself some more spraying time. Since the ultrasonic sensors of our TerrainControl Pro and TerrainCommand Pro, Section Control and AutoTrac™ systems also don't require daylight, you can now spray with precision whenever the time is right for you.



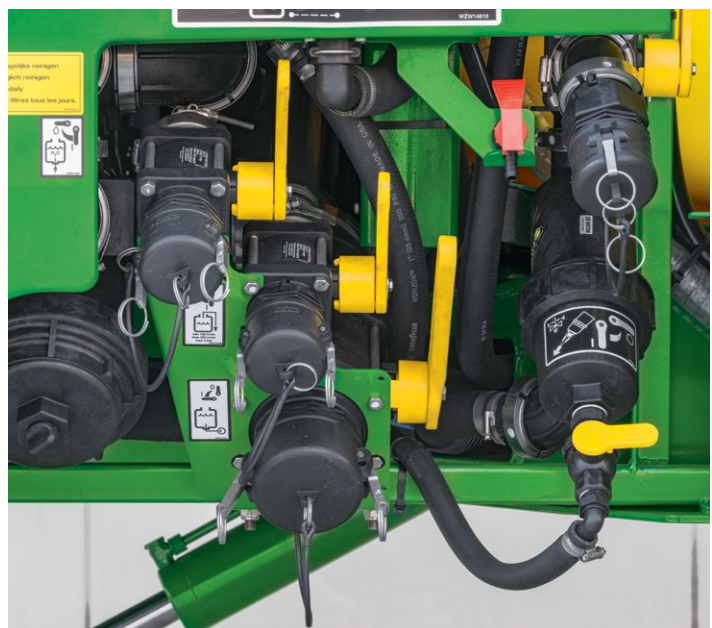
EXTREMITY NOZZLE HOLDER

The extremity nozzle body with an asymmetric pattern tip can function as an edge nozzle to prevent spraying outside the field borders. In off-centre functionality, the working width can be temporarily extended.



SELF-CLEANING PRESSURE FILTER

The self-cleaning filter kit allows operators to flush debris that may have collected in the base of the pressure filter without removing the filter bowl.





SERVICES THAT BENEFIT YOU

FARMSIGHT™ SERVICES

With a FarmSight™ Services package, you can rely on your sprayer every second of the season and profit from efficiency gains and additional uptime hours from day one.

When you pull your M900(i) and R900i with a John Deere tractor that has a JDLink™ telematics terminal and JDLink™ connectivity, you can access several cutting-edge digital remote tools which allow your dealer to provide you with a suite of proactive services tailored to your needs. Talk to your John Deere dealer about which FarmSight™ Services package works for you.

FARMSIGHT™ SERVICES PACKAGES

VALUE	FARMSIGHT™ SERVICES	SELECT	PREMIUM
🎓 Training	1 John Deere Operations Center Introduction	■	■
🎓 Training	2 Machine Handover Training	■	■
🔄 Performance	3 Set-Up Support / Optimisation Visit	■	■
✉️ Uptime	4 Seasonal Phone Support	■	■
✉️ Uptime	5 Expert Check and winterisation	■	■
✉️ Uptime	6 De-winterisation and software update	■	■
🔄 Performance	7 Official sprayer test	■	■
🎓 Training	8 Documentation and OperationsCenter.Deere.com Account Set-up	–	■

EXPERT CHECK AND WINTERISATION

You get a thorough off-season inspection for maximum in-season uptime. The detailed technical examination focuses on proper winterisation to protect your sprayer from frost.



1 | JOHN DEERE OPERATIONS CENTER INTRODUCTION

A new way to reduce office work and manage your business with ease. Includes a one-hour training session at your dealership.

2 | MACHINE HANDOVER TRAINING

In the first year, you'll receive individual operator training at the dealership. It highlights the key productivity features of your sprayer and explains how you use them to optimise your operations. In the following years, you can choose a refresher training or other offerings from the dealer training catalogue.

3 | SET-UP SUPPORT / OPTIMISATION VISIT

In a one-hour visit, our specialist will perform a thorough hands-on examination of your machine in the field for optimisation. We'll also ensure that all installed technology such as Section Control and applications control is fully utilised.

4 | SEASONAL PHONE SUPPORT

You'll have questions and you'll face a variety of challenges during the normal course of operations. We're just a phone call away, and will help you during regular office hours to resolve the issues or questions that are holding you back from achieving optimal productivity.

5 | EXPERT CHECK AND WINTERISATION

The Expert Check is a thorough inspection of your sprayer by an experienced certified service technician out at your farm. Using a unique John Deere inspection checklist, they'll produce a comprehensive technical diagnosis of your machine's health and advise you on what measures to take to ensure maximum uptime in the next season. As part of the winterisation the sprayer will be cleaned, drained and filled with antifreeze.

6 | DE-WINTERISATION AND SOFTWARE UPDATE

Prepares your sprayer for the season, including the latest software, to make sure that your machine's all set to deliver top performance.

7 | OFFICIAL SPRAYER TEST

Let us make sure your sprayer fulfills the EN ISO 16122 requirements and meets national regulations such as NSTS, SKL and JKI.

8 | DOCUMENTATION AND OPERATIONS CENTER.DEERE.COM ACCOUNT SUPPORT

Individual training from our expert. In the first year, we'll go over the initial documentation system set-up and give you an individual one-hour systems training session at your location. You'll benefit from shorter data entry times and more accurate documentation as a result of this training. In the following years, you can choose between a similar session at your location or remote support via phone.

SPECIFICATIONS

900 SPECIFICATIONS	M944(i)	M952(i)	M962(i)	R944i	R952i	R962i	R975i
Nominal tank volume, l	4,400	5,200	6,200	4,400	5,200	6,200	7,500
Real tank volume, l	4,620	5,460	6,510	4,620	5,460	6,510	7,875
Rinse tank, l	nominal 620	nominal 620	nominal 620	nominal 620	nominal 620	nominal 620	nominal 620
Hand wash tank, l	18	18	18	18	18	18	18
12 volt Cobo Connector	base	base	base	n/a	n/a	n/a	n/a
ISOBUS (9 pole Deutsch Connector)	option	option	option	base	base	base	base
Sprayer Control with multi functional lever (Joystick)	option	option	option	option	option	option	option
Self priming piston diaphragm sprayer pumps	base	base	base	n/a	n/a	n/a	n/a
Pump capacity, 2 x 280 l/min (max 250 l/min to boom)	base	base	base	n/a	n/a	n/a	n/a
PTO pump drive	base	base	base	n/a	n/a	n/a	n/a
SCV controlled hydraulic pump drive	option	option	option	n/a	n/a	n/a	n/a
PowrSpray™ Hydraulically driven sprayer pumps	n/a	n/a	n/a	base	base	base	base
Spray pressure min – max, bar	1 up to 8	1 up to 8	1 up to 8	1 up to 8	1 up to 8	1 up to 8	1 up to 8
PowrFill Inductor hopper capacity, l	50	50	50	50	50	50	50
Centrifugal spray pump capacity, 750 l/min	n/a	n/a	n/a	base	base	base	base
Centrifugal spray pump capacity, 1,000 l/min	n/a	n/a	n/a	option	option	option	option
Centrifugal filling pump capacity, 1,200 l/min including ActivePause function	n/a	n/a	n/a	base	base	base	base
Ground Clearance under axle,* m	0.7 - 0.9	0.7 - 0.9	0.7 - 0.9	0.7 - 0.9	0.7 - 0.9	0.7 - 0.9	0.7 - 0.9
ProRoad Polyurethan double linked Axle Suspension	base	base	base	base	base	base	base
Track width availability, cm	180 - 225	180 - 225	180 - 225	180 - 225	180 - 225	180 - 225	180 - 225
Clothing locker	option	option	option	base	base	base	base
Option wheelsteering steering with proportional hydraulics with headland management system, minimum turning radius 8 meter*	option	option	option	option	option	option	option
Lower linkage connection (height adjustable)	base	base	base	base	base	base	base
Hydraulic System Oil Filter	base	base	base	base	base	base	base

*Depending on tyres fitted and tread spacing.

SPECIFICATIONS SOLUTION SYSTEM	M944(i)	M952(i)	M962(i)	R944i	R952i	R962i	R975i
Manual operated valves	base	base	base	n/a	n/a	n/a	n/a
SolutionCommand system with keypad and micro display	n/a	n/a	n/a	base	base	base	base
Free programmable Automatic tank filling system	option	option	option	base	base	base	base
Digital tank level sensor with accurate readout in display	option	option	option	base	base	base	base
Automatic agitation on /off control based on tank level (programmable)	option	option	option	base	base	base	base
Over fill protection when filling by sprayer pumps	option	option	option	base	base	base	base
Sprayrate control by pressure – and flow sensor	option	option	option	base	base	base	base
Crossflow check (detects nozzle wear, sprayline blockage or wrong programmed nozzle sizes)	option	option	option	base	base	base	base
Multi cycle residue management system Auto Dilute and Continuous dilution	option	option	option	base	base	base	base
Boom rinse, system rinse, and rinse cycles	n/a	n/a	n/a	base	base	base	base
Low Flow Detection automatic sprayrate sensor selection if flow is out of measurement range of the flow sensor. Pressure sensor takes command	option	option	option	base	base	base	base
Default setting Pressureregulator, prevents overdose at spray start after refill the tank	base	base	base	base	base	base	base

WEIGHTS*	M944(i)	M952(i)	M962(i)	R944i	R952i	R962i	R975i
Total weight empty, kg	5,350	5,370	5,390	5,350	5,370	5,390	6,300
Total weight full**, kg	10,346	11,170	12,200	10,346	11,170	12,200	13,530
Tow eye load, kg	2,280	2,600	3,000	2,280	2,600	3,000	3,300
Axle load, kg	8,066	8,570	9,200	8,066	8,570	9,200	11,000

*All weights are approximate with base equipment and 24 m boom.

**Full weight includes: full solution tank + full water tank.

NOTHING RUNS LIKE A DEERE™

Together with our dealer network, we are committed to serving you better. We never stop investing in the technology, training and equipment needed to keep you running at maximum efficiency. After more than 180 years in the business, we are sure that we are better together.



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