

# M900i Trailed Sprayers

M944i, M952i and M962i



JOHN DEERE



# SIMPLY IDEAL



High performance, maximum uptime and lowest possible operating costs – that's what you should be looking for in your new machinery and that's exactly what you get with the M900i Series Sprayer. Performance levels are high, thanks to spraying accuracy and overall ease of operation. Plus, uptime and reliability are guaranteed. Built-in efficiency also keeps running costs to a minimum and you can specify your M900i to ensure that it is ideal for your operations.

Whether you're growing cereals or high-end speciality crops, you'll be able to configure your ideal M900i Series Sprayer the most cost-effective way; with the perfect specification for your operations. No more and no less than you need and no unnecessary outlay for superfluous technology. That's the philosophy behind our new M900i Trailed Sprayer.



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It's an impressive performer based on the large tank cradled in the robust chassis for unsurpassed operational stability. All manual controls and adjustments are optimised for ease of operation and it is particularly easy to service and maintain. And, of course, there's the renowned John Deere quality and reliability.



## A PARTNERSHIP OF QUALITY: SIMPLY A WAY OF LIFE

Every successful partnership is based on trust and understanding. At John Deere, trust is evident in the legendary quality and reliability of our machinery, the innovative effectiveness of our user-friendly systems and the meticulous support provided by our dealers. We also understand exactly what you need to achieve and maintain the success of your operations: equipment that is designed and engineered to outperform anything in the paddock, a support network dedicated to maximise operational uptime and proven cost efficiency. Sharing this unique trust and understanding is what makes us better together.



### Maximising uptime

In the paddock or on the road, uptime equals productivity. To keep your operations up and running, we've made it our priority to develop effective new solutions to eliminate machine downtime. Obtaining and fitting our genuine parts has never been quicker or simpler. Ask your John Deere dealer – he's already part of our "on call" team.

MAXIMISING

UPTIME



PEERLESS

PERFORMANCE

MINIMISING

OPERATION COSTS



### Peerless performance

We define machine performance as much more than just power. It also means precise regulation of crop inputs, the highest possible productivity and a proficiency that has no equal. Our sprayers are designed and manufactured in a purpose-built European facility, so the quality of your work is assured by the quality of our machinery.

### Minimising operation costs

There's no escaping the truth that skimping on quality can turn out to be expensive in the long run. And the long run is exactly what John Deere machines are built for. The quality for which we are renowned pays real dividends in terms of impressive reliability and durability, lower running costs and a reduced need for maintenance. All of which contribute to higher residual – therefore better resale – values.



### Boom Suspension System

Ensure a smooth boom ride on the road and in the paddock.

Unique pendulum construction makes booms self levelling

- Anti-yaw system minimises boom movement
- End stroke damping for smooth boom folding
- Stable, symmetrical boom folding



## How simple? You decide.

Nobody knows better than you just how much sophistication you need. Which is why we've created our M900i Series Trailed Sprayers. By configuring the specification that best suits your operations, you can be sure that you're not investing in any unnecessary sophistication.

- Advanced i-Solutions bring precision and save input costs
- Tractor ISOBUS socket
- GPS Section Control ready
- BoomTrac™ automation (spray boom levelling and height control)
- PTO or hydraulic pump drive
- TwinSelect™ nozzle system (optional)
- Manual or automated filling and dilution
- Unrivalled boom stability and longevity, up to 40 m
- LED lights for higher night time productivity
- 2 x 280 Lpm pump capacity, 250 Lpm at the boom
- 620 L rinse water tank
- John Deere quality and service



1

#### Hydraulic pump drive (optional)

Hydraulic driven sprayer pumps provide more tractor RPM independency. The over-speed protection prevents spray pump damage.

2

#### Chassis

The entire chassis is designed specially for the job. The heart of the main frame is the cross structure in the centre section which absorbs torque and movement better.

3

#### PowrFill™ chemical inductor

This specially designed chemical inductor fills large volumes quickly, accurately and safely. A powerful injector draws in crop protection chemicals quickly, limiting the risk of foaming.

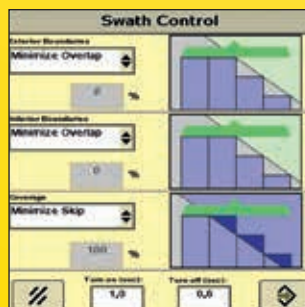
4

#### Filling and rinsing

Choice of manual or semi-automated systems.

### BoomTrac (optional)

Improve spray accuracy and distribution – and reduces drift – by automatically controlling boom tilt and height as you work. It's particularly useful on slopes and uneven paddocks, as well as during headland turns.



### Section Control

Cut input costs by reducing skips or overlaps dramatically. This GPS-based system turns boom sections on and off automatically whenever you leave or enter a predefined area.



5

### Axle Suspension

Double-link axle suspension with maintenance-free polyurethane dampers. For a smooth, stable ride on the road and the paddock – no matter how full or empty your sprayer is.

6

### Double and triple folding booms

Choose from a wide range of booms with proven John Deere stability, with available boom widths of up to 40 m. The spray pump capacity is 2 x 280 Lpm, minimising potential flow disruption. 250 Lpm is available at the boom.

7

### AutoDilute (optional)

This automatic multi-cycle rinse programme and residue disposal management system features automatic stepwise residue dilution or continuous dilution.

8

### TwinSelect in-cab nozzle control (optional)

This automatic nozzle system can be used to switch nozzles between position A or B at paddock boundaries, when speeding up beyond the nozzle optimum pressure range, or to switch from a standard spray application to a liquid fertiliser application.

# SUPERIOR STABILITY: A SIMPLE SOLUTION



## All the capacity you need

With three tank sizes available (4,400, 5,200 and 6,200 L nominal volumes), it's simplicity itself to identify the right M900i for your operation. All are built to the same exacting standards.

Manufactured in rugged, durable polyethylene, they're designed for years of trouble-free service. The

smooth, rounded shape enables perfect agitation and is easy to keep clean, inside and out. The deep sump and steeply sloping bottom minimise dead volume and makes emptying easy – even on hillsides. There are no baffles or dead corners to disrupt flow, agitation or solution mixing, while digital readout – standard with automatic filling – and dry liquid level indication are standard.



The lower the centre of gravity, the better the balance. Making the M900i better for stability, manoeuvrability, accuracy and transport, whether the tank is full or empty, on the road and in the paddock. Even on slopes!

The tank sits low in the chassis, cradled within the rugged main frame, giving the M900i a very low centre of gravity. The resulting stability and level weight distribution help keep the machine steady while working, regardless of boom position. The durable chassis design limits frame material fatigue.

Optional wheel steering provides hillside adjustment and serves as a track-following system on headlands, reducing crop damage and steering your machine manually or automatically.

- Narrow drawbar design and single axle for sharper turning
- Height-adjustable tow-eye connection
- Integrated hydraulic parking jack
- Double-link axle suspension for better spray accuracy



For smooth steering, we fit proportional hydraulic control as standard. Wheel steering can be controlled either manually or automatically – or even controlled via GPS in combination with Sectional Control.

#### **Multi-mode steering**

Choose 'manual' when entering paddocks or reversing into corners or 'auto' for consistent track following. Headland Management System (HMS) activates the steering when you're not spraying at the headland. .



# PRECISION SPRAYING: AS SIMPLE AS 1, 2, 3 ...

When it comes to effective crop protection, timing and technology are almost as important as choosing the right crop protection chemicals.

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The M900i is capable of delivering impressive productivity every step of the way. From planning through filling and transport to spraying, rinsing and dilution, it makes spraying easier, more accurate and more profitable. With the optional GreenStar™ 3 display, documentation is also included.

## Keeping your profits on track

Choose from a range of John Deere connectivity solutions that enable different degrees of accuracy and productivity enhancement. Your dealer will assist you in specifying the most effective and efficient solutions for your specific requirements.

## These are only a few of the exciting possibilities:

- **MyJohnDeere.com:** The agricultural web portal enables you to plan, run and manage your operations – all from a central location.
- **Documentation:** you'll have everything you need to meet legal requirements, agricultural subsidies and reliable crop traceability at the click of a mouse.
- **Wireless Data Transfer:** Once a paddock is finished, data such as yield maps or as applied maps is automatically transferred to MyJohnDeere.com
- **Remote Display Access:** you or your John Deere dealer can provide immediate advice on machine set-up and operation that will optimise the working efficiency of your operators and machines.

DOCUMENTATION > 1

FILLING > 2

TRANSPORT > 3

SPRAYING > 4

DILUTION & RINSING > 5



# DOCUMENTATION: PREPARATION IS EVERYTHING

Equipped with the optional GreenStar™ 3 2630 touch-screen display, your M900i boosts your productivity throughout the entire crop protection cycle – from documentation and filling to transport, spraying and rinsing.

Good documentation provides the solid foundation for your entire operation. With the right data, you can work more productively every season by creating prescription maps that take yields higher still, season after season.

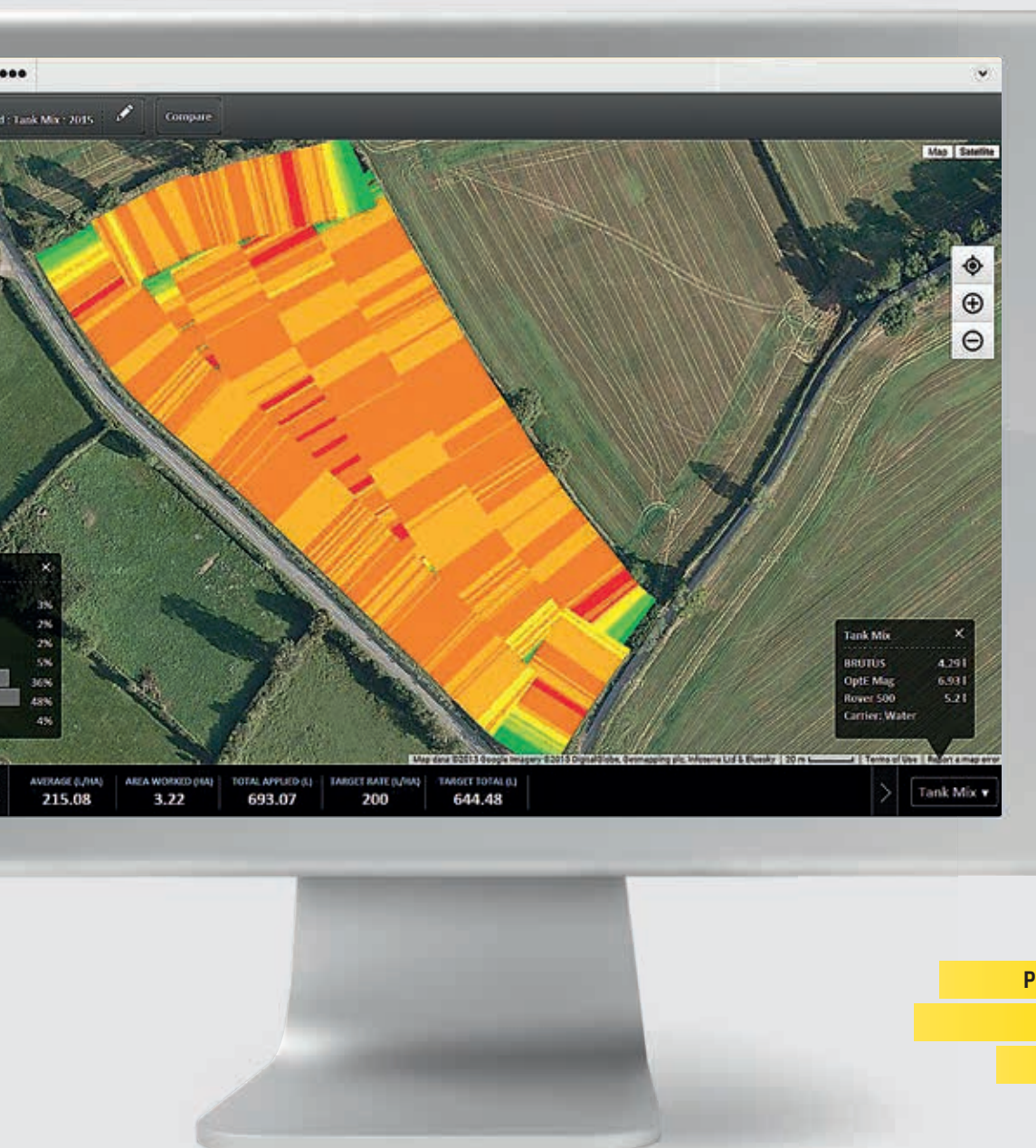
You can specify your M900i according to your operational preferences.

An M900i equipped with the full suite of i-Solutions can help you streamline every aspect of your job planning and data recording. All the information you need on crop protection processes and traceability are collected automatically while you work. You can then exchange them with Operations Center.



Once you experience how much time and effort you save on paperwork and planning, you'll wonder how you ever managed without i-Solution productivity.

It's your choice.



**PRESCRIPTIONS AND MAPPING**

**REAL TIME DATA RECORDING**

**TRANSFER AND ANALYSIS**



#### Field Doc™

This real-time documentation software records all operations automatically – then lets you transfer them to your MyJohnDeere.com account for analysis later on.

Please note: these GPS-based tools require a GreenStar 3 2630 display and a StarFire receiver. Contact your dealer for details



#### Spray-to-map (prescription mapping)

Need to spray variable rates? No problem: just create prescribed application maps on your office PC, import them to the GreenStar 3 2630 display in your cab ... and you're ready to go. Or connect your cropsensor to the GreenStar 3 2630 display\*

\*Ask your John Deere dealer for the possibilities.

## 2

# FILLING: CONTROL MADE EASY

Operation could not be easier or more convenient. The ergonomic operator station is equipped with large valve handles that minimise the possibility of mistakes and save valuable time during machine set-up. Optional automation makes filling, spraying and rinsing even faster, easier and more precise. Back-flow is prevented by the standard non-return check valve. Such smart solutions protect the environment by preventing point-source pollution and chemical spillage. Located next to the valves is the PowrFill™ chemical inductor hopper, spray gun and clothing lockers. Filters and hose connections are perfectly located for ease of operation.

- Durable manual valves
- Faster filling via 76 mm (3 in.) fill hose connection
- Self-priming pumps
- Transfer valve, 51 mm (2 in.) quick fill for rinse water tank, ECOMATIC System (optional)
- Automatic filling and AutoDilute multi-cycle residue management system (optional)





#### PowrFill chemical inductor

Fast, clean filling could not be simpler. The PowrFill inductor handles large input volumes in the shortest of time. Its powerful injector quickly draws the crop protection chemicals into the tank, minimising the risk of foaming. Complete with clothing locker and integrated hand wash tank with tap.

- Off-centre rotating rinse nozzle accommodates non-standard packages
- Can be operated safely with either hand
- Inductor lid with rinsing head for easy inside cleaning



#### Keep it clean

After filling, wash your hands in the separate wash tank that holds up to 20 L of clean water.



#### Keep it stored

The standard storage locker is ideal for transporting items you may need, including a change of clothing.



#### Boom Suspension

Spray booms are particularly vulnerable to stress and wear during fast on-road transport.

Boom Suspension keeps vibration to a minimum, however rough the going gets. Pressurised accumulators in the boom lift provide extra support, while a special transport roller cradles the boom gently but firmly. For longer boom life and less risk of damage.

1

## 3

## Transport: built for speed and stability

With its low centre of gravity and even weight distribution, the on-road performance of the M900i Series Sprayer is exemplary.

Even with a full tank it can be trailed safely and easily at speeds of up to 40 km/h.



#### Double-linked axle suspension

Jolts and vibrations stress both operator and machine equally. This double-linked axle suspension features tough, maintenance-free polyurethane dampers that absorb shocks both on the road and in the paddock. Combined with torque-resistant chassis design that minimises the possibility of material-fatigue, this contributes to the long working life of the M900i Series.

- Enhanced comfort
- Smoother ride
- Better spray accuracy
- Underside designed for smooth passage over crops





### Low-slung design

The low centre of gravity and even weight distribution ensure safe, easy handling at speeds up to 40 km/h.



### ProRoad axle suspension

Comes with a double-linked axle that limits perpendicular movements and ensures superb behaviour on the road and in the paddock.

2

3

**FAST & EASY TRANSPORT**

**RUGGED & DURABLE**

**UP TO 40 KM/H**



1

**JOHN DEERE**

5

2

3

4

5



K-80 ball type hitch is required for a positive connection to the tractor. Slim drawbar design for sharp turns and smooth tracking on the headlands.



Optional chemical storage box. For additional productivity on the road, chemicals are stored safely in a 200 L lockable storage box.

# BOOMS: HIGH ACCURACY, LOW WASTAGE

Precision spraying is dependent on boom stability, and John Deere booms are renowned for their stability and durability. We offer a wide range of double and triple folding steel booms, all with the quality features that ensure reliable, high-precision performance – year after year.

## Accuracy starts with boom stability

An unstable boom leads directly to chemical wastage and poorer yields. All John Deere booms have the stability and features that precision spraying demands. And accuracy reduces wastage, thus promoting productivity.

- Central pendulum for boom levelling
- Boom Suspension anti-yaw suspension minimises wear and tear
- End-stroke damping in boom fold cylinders
- Sturdy ball-and-socket hinges with grease points for extended boom life

- Reliable pressure circulation system provides instant chemical flow when starting
- Vertical and horizontal boom breakaway
- Stainless steel spray lines with quick connectors

Double folding boom operation is via the tractor SCV or by selecting the optional electro-hydraulic system. Electro-hydraulic control is required for triple folded booms and variable geometry operation.





| Spray boom (M944i/M952i/M962i)      |                    |                       |  |
|-------------------------------------|--------------------|-----------------------|--|
| Double fold booms<br>24 - 30 metres | No. of<br>sections | Section widths, m     |  |
| 24 / 12 m                           | 4                  | 6-6-6-6               |  |
| 24 / 12 m                           | 6                  | 4-4-4-4-4-4           |  |
| 24 / 12 m                           | 8                  | 3-3-3-3-3-3-3-3       |  |
| 27 / 15 m                           | 9                  | 3-3-3-3-3-3-3-3-3     |  |
| 28 / 14 m                           | 7                  | 4-4-4-4-4-4-4         |  |
| 28 / 14 m                           | 8                  | 3-4-4-3-3-4-4-3       |  |
| 30 / 15 m                           | 9                  | 3-4,5-3-3-3-3-3-4,5-3 |  |

| Triple fold booms<br>27 - 40 metres | No. of<br>sections | Section widths, m             |  |
|-------------------------------------|--------------------|-------------------------------|--|
| 27 / 18 m                           | 7                  | 4,5-4,5-3-3-3-4,5-4,5         |  |
| 27 / 21 m                           | 9                  | 3-3-3-3-3-3-3-3-3             |  |
| 28 / 20 m                           | 7                  | 4-4-4-4-4-4-4                 |  |
| 30 / 21 m                           | 9                  | 4,5-3-3-3-3-3-3-4,5           |  |
| 32 / 21 m                           | 8                  | 4-4-4-4-4-4-4-4               |  |
| 33 / 21 m                           | 11                 | 3-3-3-3-3-3-3-3-3-3-3         |  |
| 36 / 24 m                           | 9                  | 4-4-4-4-4-4-4-4-4             |  |
| 36 / 24 m                           | 12                 | 3-3-3-3-3-3-3-3-3-3-3-3       |  |
| 39 / 27 m                           | 13                 | 3-3-3-3-3-3-3-3-3-3-3-3-3     |  |
| 40 / 27 m                           | 13                 | 3,5-3-3-3-3-3-3-3-3-3-3-3-3,5 |  |

#### Multifunction control lever

All critical functions, frequently used during spraying, are operated with the multifunction control lever: Master on/off, boom section control, boom height, boom tilt, variable geometry, boom folding and activation of BoomTrac™.



\*All booms are available with ringline circulation or pressure circulation or in cab nozzle control

# SPRAYING: PRECISION DELIVERY

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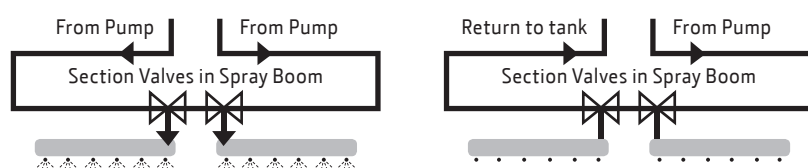
The M900i Series makes every drop of chemical count, by taking the guesswork out of spraying. John Deere technologies help your operators cover more hectares with a single tank fill.

## Pump up the power

The 2 x 280 Lpm self-priming pumps work together when filling and deliver fluid where it's needed by minimising the potential flow disruption. Depending on the size and quantity of nozzles, a maximum 250 Lpm flow can be maintained at the boom for improved consistency and capacity.

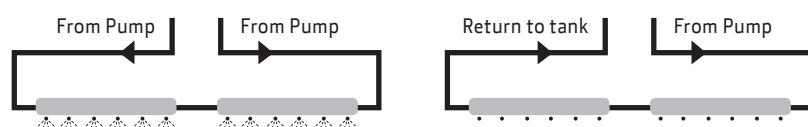
## Ringline circulation

This simple, rugged system lets you charge the system with chemicals right up to the section valves in the spray boom before you start to spray.



## Pressure circulation

This system circulates chemicals right up to the nozzles before you start to spray. In spray mode the liquid enters from both sides into the sprayline ensuring a constant pressure and application rate.



## TwinSelect™

Changing nozzles when the weather dictates or moving from spraying chemicals to fertilisers is as simple as pushing a button with TwinSelect. This innovative option saves time, adds greater flexibility and helps you cover more hectares every spraying day.

## Accuracy

The durable parallelogram construction provides equal height adjustment speed and rear-side clearance. Boom Height Assist or optional BoomTrac™ height control help initiate spraying at the correct height for excellent spray distribution. Boom Suspension absorbs vertical and horizontal movements and limits pitching, yaw and rolling.

**John Deere Section Control** takes full control of the boom sections, automatically switching them on and off when you leave or enter predefined areas and also the headland.

Even with less experienced operators and even in wedge-shaped paddocks, it reduces skips or overlaps – and hence your input costs for chemicals are reduced.





**OUTSTANDING ACCURACY**

**PRECISE CONTROL**

**HIGHLY PRODUCTIVE**



#### **BoomTrac (optional)**

Automatically controls boom tilt and your boom's height above the crop or at the headland. That means one less thing to worry about – particularly on slopes or uneven paddocks.



#### **Map based Variable Rate Application**

Different areas need different amounts of crop care. This technology lets you set your application rates in advance, using prescription maps you prepare on your office PC. In the paddock, your sprayer then makes all the adjustments in real time, leaving operators free to focus on quality and productivity. The software you need to run Variable Rate Applications in the paddock comes preloaded on your GreenStar™ 3 2630 display.



#### **John Deere Spray Nozzles**

The nozzle is the business end of the sprayer, so it pays to use the best. The wide range of John Deere nozzles includes Variable Pressure, liquid fertiliser and leading edge air-inclusion low drift nozzles. For optimum coverage in challenging conditions, nozzles featuring an angled spray pattern help to penetrate around plant stems and foliage. Selecting the right nozzle for your conditions can seem daunting. Your John Deere dealer has the knowledge, experience and tools to help you make the right choice.

## RINSING & DILUTION: CLEAN SOLUTIONS

You can rinse and dilute quickly and effectively, all from the comfort of your cab. Simply select the programme you want on the GreenStar™ display, then let the machine do all the work.

Presets are designed to make sure even less experienced operators obtain good results every time.

Everything about the M900i is designed to streamline rinsing and dilution procedures. The rounded tank eliminates flow-disruptive corners and baffles and you can clean right through the spray lines without losing a drop from the nozzles, thanks to the pressure circulation system.





IN CAB RINSING

SIMPLE AND EFFICIENT

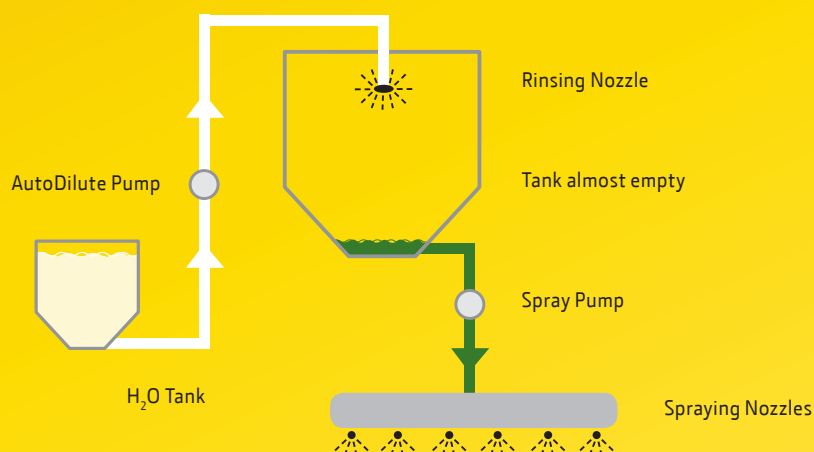
NO MISTAKES

### AutoDilute

This optional system calculates how much clean water and how many cycles you need to achieve a given dilution factor. It takes all dead volume and remaining contents into account.

AutoDilute pre-sets are designed to make sure even less experienced operators obtain good results every time.

- Comfortable, in-cab control over the entire dilution process
- 2 modes: AutoDilute or ContinuousDilute
- Faster rinsing for higher productivity
- Fewer operator errors



## CUSTOMISING YOUR SPRAYER: NOTHING COULD BE SIMPLER

|                                  | ISOBUS | Docu-<br>mentation | Section<br>Control | Semi-<br>Automated<br>Filling | My<br>John Deere |
|----------------------------------|--------|--------------------|--------------------|-------------------------------|------------------|
| GreenStar 2 1800<br>Display      | X      |                    | X*                 | X                             |                  |
| GreenStar 3 2630<br>Display      | X      | X                  | X                  | X                             | X                |
| Command Center™<br>3 display     | X      |                    | X*                 | X                             |                  |
| Command Center 4<br>4100 display | X      |                    |                    |                               |                  |
| Command Center 4<br>4600 display | X      |                    | X                  | X                             |                  |

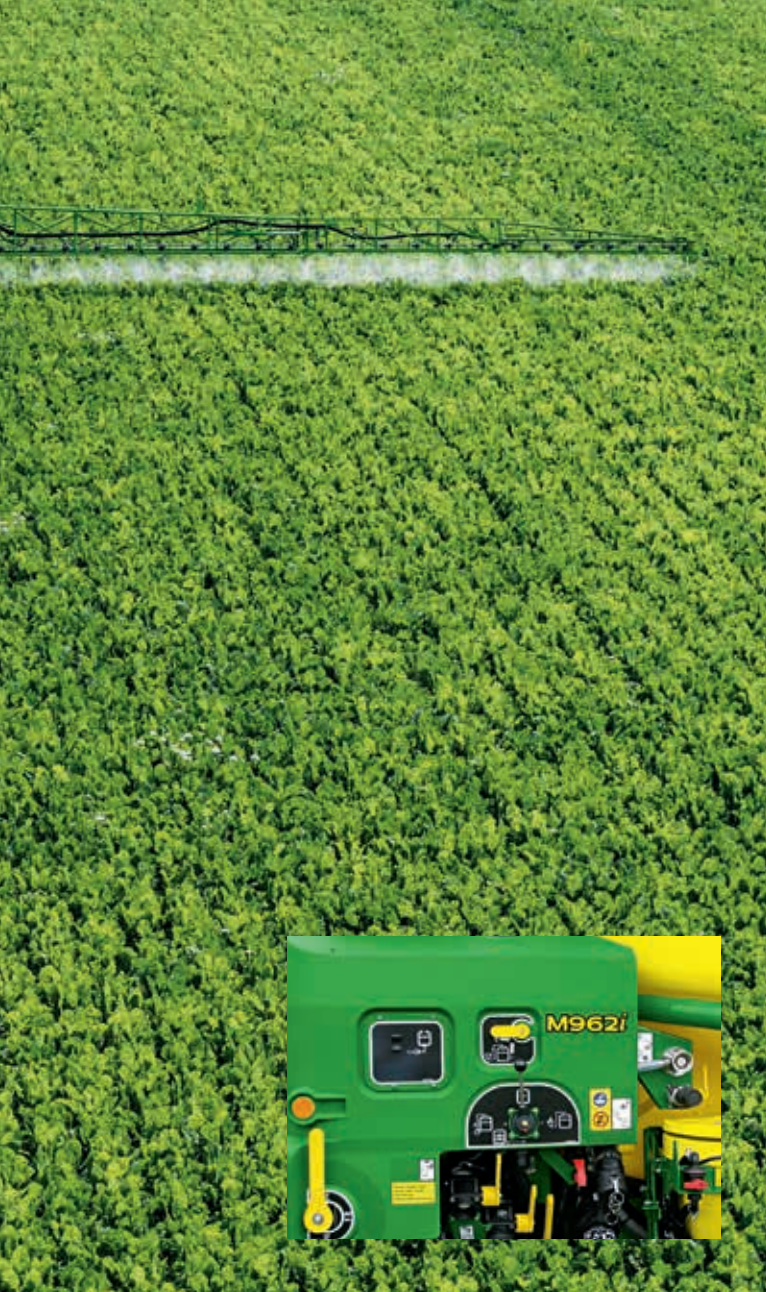
\*Only with John Deere equipment

### The GreenStar™ 2 1800 Display

Looking for outstanding flexibility, comprehensive guidance, realistic paddock views and ISOBUS implement control? Take a closer look at our GreenStar 2 1800 Display!

- 178 mm (7 in.) full colour push-button display
- Easy to navigate scroll wheel
- ISOBUS compatible (Virtual Terminal)
- John Deere Documentation Basics
- Compatible with GreenStar, ATU 200, AutoTrac™ Controller and integrated AutoTrac
- GreenStar SprayerPro™ enabled
- Compatible with M900i (ISOBUS)
- Compatible with StarFire™ 3000 and 6000 receivers





#### Edge nozzle holder

Should be positioned at the end of the spray boom and fitted with edge spray tips to prevent spraying directly into the watercourse. Two types of edge nozzle holders are available: manual or electrical.

#### Onboard high-pressure washer

This optional 100 bar high-pressure washer cleans both the sprayer and its booms in the paddock. Onboard hydraulically driven, it comes with a 16 m hose, hose reel and spray gun.

#### Self-cleaning pressure filter

The optional 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.

#### Hydraulic pump drive

Eliminate the PTO shaft with the optional Hydraulic Pump Drive: Easier tractor connection, reduced maintenance and pump protection included.

#### Closed chemical transfer ECOMATIC System

The sprayer can be equipped with an optional closed chemical transfer filling system for use of larger, refillable containers for easier handling of agrochemicals.

#### Boom Suspension kit for hilly paddocks

To enhance the boom ride at higher operating speeds or in hilly terrain, simply mount the compression springs between the centre pendulum and boom back frame.

#### The GreenStar 3 2630 Display

As your business grows, so do your challenges. The GreenStar 3 2630 already has the future built in. This full colour touch-screen display gives you full monitoring and control over all the i-Solutions you use in your John Deere tractor, self-propelled forage harvester, combine or sprayer.

- Guidance and advanced Guidance
- Documentation and Variable-Rate Application
- Advanced ISOBUS capabilities (e.g. John Deere Section Control)
- Automatic implement detection
- Brilliant 260 mm (10 in.) touchscreen, video enabled
- Performance monitoring
- USB port for data transfer
- Standby mode for road transport or night-time use



#### StarFire 6000 Receiver

The John Deere StarFire 6000 Receiver is an enhanced replacement for the StarFire 3000 Receiver and expands on the value that precision agriculture customers have come to expect from StarFire products. The StarFire 6000 Receiver implements an improved antenna, the latest in Global Navigation Satellite System (GNSS) signal processing technology, and a new differential correction signal. All of this new technology adds up to improved performance and uptime as well as lower cost of operation when paired with precision agriculture systems such as AutoTrac assisted steering system and John Deere Section Control.



## Specifications

| M900i SERIES                                                                                                       | M944i         | M952i | M962i |
|--------------------------------------------------------------------------------------------------------------------|---------------|-------|-------|
| Nominal tank volume, L                                                                                             | 4,400         | 5,200 | 6,200 |
| Real tank volume, L                                                                                                | 4,620         | 5,460 | 6,510 |
| Rinse tank, L                                                                                                      | Nominal 620   |       |       |
| Hand wash tank, L                                                                                                  | 20            |       |       |
| 12 volt Cobo Connector                                                                                             | Base          |       |       |
| ISOBUS                                                                                                             | Base          |       |       |
| Sprayer Control with multifunctional lever (joystick)                                                              | Base          |       |       |
| GS 1800 Display                                                                                                    | Optional      |       |       |
| GS 2630 Display                                                                                                    | Optional      |       |       |
| Self priming piston diaphragm sprayer pumps                                                                        | Base          |       |       |
| Pump capacity, 2 x 280 Lpm (max 250 Lpm to boom)                                                                   | Base          |       |       |
| PTO pump drive                                                                                                     | Base          |       |       |
| Hydraulic pump drive                                                                                               | Optional      |       |       |
| Spray pressure min- max, bar                                                                                       | 1 - 8         |       |       |
| PowrFill™ Inductor hopper cappacity, conical shaped 50 L                                                           | Base          |       |       |
| Ground Clearance under axle*, mm                                                                                   | 700 - 900     |       |       |
| Polyurethane double linked axle suspension                                                                         | Base          |       |       |
| Track width availibilty, mm                                                                                        | 1,800 - 2,250 |       |       |
| Clothing locker                                                                                                    | Optional      |       |       |
| Closed chemical storagebox with lock                                                                               | Optional      |       |       |
| Optional wheel steering with proportional hydraulics with headland management system , minimum turning radius 8 m* | Optional      |       |       |
| BoomTrac™ automatic boom tilt and height control with headland management                                          | Optional      |       |       |
| Lower linkage connection (height adjustable)                                                                       | Base          |       |       |

\*Depending on track width and selected tyres.

| SOLUTION SYSTEM                                                                                                                                         | M944i / M952i / M962i |
|---------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|
| Manual operated valves                                                                                                                                  | Base                  |
| Automatic tank filling system (free programmable) with electric valves includes overfill protection, multi cycle residue management system (AutoDilute) | Optional              |
| Integrated non-return checkvalve in suction side limits backflow                                                                                        | Base                  |
| Digital tank level sensor with detailed readout in display                                                                                              | Optional              |
| Automatic agitation on /off control based on tank level, (free programmable)                                                                            | Optional              |
| Sprayrate control by presurre and flow sensor                                                                                                           | Base                  |
| Cross flow check (detects nozzle wear, sprayline blockage or incorrectly programmed nozzle sizes)                                                       | Base                  |
| Anticipation factor in software ensures concentrated start when manually switching sections at the headland                                             | Base                  |
| Start delay pressure regulator prevents under dosage at spray start in corner                                                                           | Base                  |
| Low flow detection automatic spray rate sensor selection if flow is out of measurement range of the flow sensor. Pressure sensor takes command.         | Base                  |
| Default setting pressure regulator, prevents overdose at spray start after refill the tank                                                              | Base                  |

| WEIGHTS*               | M944i  | M952i  | M962i  |
|------------------------|--------|--------|--------|
| Total weight empty, kg | 5,350  | 5,370  | 5,390  |
| Total weight full, kg  | 10,346 | 11,170 | 12,200 |
| Tow eye load, kg       | 2,280  | 2,600  | 3,000  |
| Axle load, kg          | 8,066  | 8,570  | 9,200  |

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

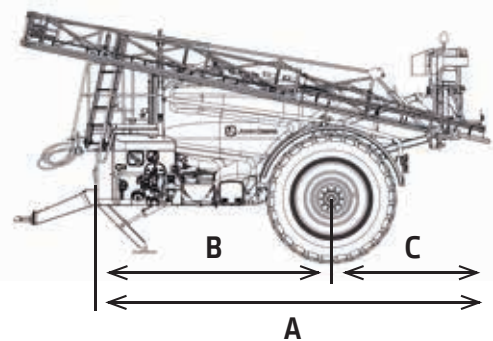
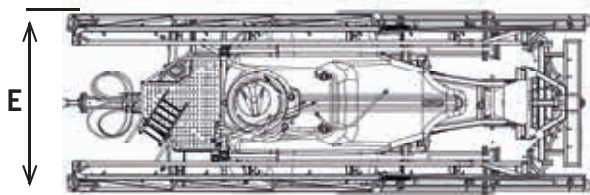
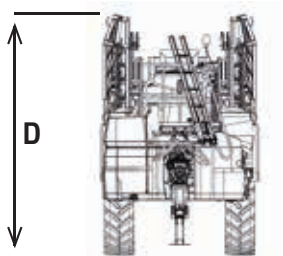
| SPRAYBOOM & HYDRAULICS                                                                                                                                                                                                                            | M944i / M952i / M962i |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|
| Boom height range*, mm                                                                                                                                                                                                                            | 2,000                 |
| Spray boom material                                                                                                                                                                                                                               | Steel                 |
| Ball and socket bearings in swivel points with grease points                                                                                                                                                                                      | Base                  |
| Stainless steel spray lines with quick-connect couplings                                                                                                                                                                                          | Base                  |
| 3 directional boom breakaway protection                                                                                                                                                                                                           | Base                  |
| Parallelogram, hydraulic height adjustment with a nitrogen pressure accumulator suspension and hydraulic transport lock                                                                                                                           | Base                  |
| Centre frame with vertical and horizontal boom suspension and pendulum lock (anti-yaw)                                                                                                                                                            | Base                  |
| Endstroke dampening in hydraulic cylinders, boom folding cylinders between sprayboom segments                                                                                                                                                     | Base                  |
| GPS Section Control ready                                                                                                                                                                                                                         | Base                  |
| Selective control valve hydraulic operation for sprayboom, folding, height and tilt                                                                                                                                                               | Base                  |
| Electro-hydraulic selector, operation for sprayboom, folding, height and tilt                                                                                                                                                                     | Optional              |
| Electro-hydraulic control including hydraulic oil filter for sprayboom, folding, height and tilt with auto-center function and boom positioning indicator in display actual or pre-set position, and optional steering axle and variable geometry | Optional              |
| 5 way nozzle bodies                                                                                                                                                                                                                               | Base                  |
| Ringline liquid circulation trough section valves located in spray boom                                                                                                                                                                           | Base                  |
| Pressure circulation system full, liquid circulation through spraylines and liquid supply from both directions into spraylines in spray mode for fast and accurate pressure build-up                                                              | Optional              |
| TwinSelect™ holds max. 5 nozzles, system controls 2 nozzles includes pressure circulation system full liquid circulation through spraylines and dual liquid supply in spray mode                                                                  | Optional              |
| Hydraulic flow requirements depend always on the selected options. Indication on minimum tractor hydraulic oil flow requirements with full options for sprayers without hydraulic pumpdrive, Lpm                                                  | 40                    |

| TYRE SIZES*                                   | M944i     | M952i     | M962i     |
|-----------------------------------------------|-----------|-----------|-----------|
| Tyres mounted on fully welded rims (10 bolts) |           |           |           |
| VF 380/90R46                                  | Available | Available | Available |
| 480/80R46                                     | Available | Available | Available |
| 520/85R38                                     | Available | Available | Available |
| 520/85R42                                     | Available | Available | Available |
| 520/85R46                                     | Available | Available | Available |
| 620/70R42                                     | Available | Available | Available |
| 710/70R38                                     | Available | Available | N/A       |

\*Selectable tyre size is depending on machine type and axle load.

| MEASUREMENTS IN CM  | M944i / M952i / M962i |
|---------------------|-----------------------|
| <b>BASE SPRAYER</b> |                       |
| Spray boom          | 36 / 24 m             |
| A                   | 763                   |
| B                   | 507                   |
| C                   | 256                   |
| D                   | 365                   |
| E                   | 300                   |

\*All measurements are approximate with tyres VF380/90R46 Overall machine height depends on boom adjustment.



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YY1514744AU (12-16)

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