



# AGRIBUGGY A280



The ultimate low ground pressure sprayer



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# OVERVIEW

Introducing the Agribuggy A280 – McConnel’s new high-performance self-propelled crop sprayer. Light, compact, and highly manoeuvrable, it delivers a greater power to weight ratio and better fuel economy than any of its rivals.

Its unique low ground pressure design enables operators to go where other sprayers can’t - working in wet conditions and tough terrain - **allowing safe, productive working** earlier and later in the year.

And with positive mechanical drive and perfect weight distribution - no other mainstream machine can match it for **consistent grip and traction** - making it one of the safest and most productive sprayers on the market.



# ULTIMATE

LOW GROUND PRESSURE SPRAYER



**01** **LOW GROUND PRESSURE**

Protects crops, prevents ruts

**02** **UNRIVALLED TRACTION**

Positive drive technology delivers unbeatable grip

**03** **360° VISIBILITY**

Excellent boom visibility from driving position

**04** **UP TO 65% FUEL SAVING**

Leaner and greener than rival machines

**05** **UP TO 20% MORE POWER**

More efficient power delivery to the contact patch of the tyre

**06** **USER FRIENDLY**

Easy to operate with minimal training

**07** **50KM/H TOP SPEED**

Faster and more efficient than rival hydrostatic machines

**08** **VERSATILITY**

Proven in a wide variety of terrain from flat fields to steep hill farms

**09** **PRECISION**

Floating command console and advanced control system

**10** **ENHANCED COMFORT**

Comfort Cab and quiet operation

**11** **PRODUCTIVE**

Thrives in wet conditions when other machines are confined to the yard

**12** **INTELLIGENT DESIGN**

Compact, manoeuvrable and versatile

**13** **WORLD CLASS SERVICE**

Professional support and back-up

**14** **GOOD RESIDUAL VALUE**

Renowned heritage and reputation means strong resale values



Once you've had an Agribuggy, you'll love the comfort, safety and productivity it offers and you'll never look for another machine.

Wyn Jones - Cardigan contractor

# 14 KEY REASONS TO CHOOSE AGRIBUGGY



Compaction has been reduced compared to a tractor and spreader, and it is much harder to see where the Buggy has been. I do not have to worry about heavily rutted tramlines.

Jeremy Wheeler - Gloucestershire contractor

AGRIBUGGY  
The Ultimate  
Low Ground  
Pressure Sprayer



Typical Agribuggy low ground pressure  
with perfect 50/50 weight distribution



Typical conventional sprayer ground pressure

# ULTIMATE LOW GROUND PRESSURE SPRAYER

Weighing in at just 4,700 kg (dry weight), the Agribuggy boosts productivity thanks to its unique low ground pressure design that enables operators to thrive in wet conditions, on steep banks, and in challenging terrain - allowing safe, productive working, earlier and later in the year than rivals.

## LOW GROUND PRESSURE

With a tyre pressure of just 8 PSI, the Agribuggy has a **very low impact on soil structures** and enables operators to gain extra hours in the field when conditions are tough.

## PERFECT WEIGHT DISTRIBUTION

Designed to deliver 50-50 weight distribution when working in the field, the Agribuggy is perfectly balanced ensuring the weight is evenly spread across all four wheels. This **reduces compaction and damage** to soils while also enhancing boom stability.

## 750MM HEIGHT CLEARANCE

When fitted with large-diameter row crop wheels, the Agribuggy achieves a height clearance of 750mm and ensures a **large surface contact area** for maximum floatation.



The weight of the Agribuggy is very low and that was exactly what we were looking for – particularly when compared to other sprayers which are all very heavy. It delivers a low impact on the soil which is crucial for us

Henk-Jan Boelens, Dutch turf-care specialist





# MECHANICAL DRIVE TECHNOLOGY

## UNRIVALLED TRACTION

A true 4WD system delivers power to all four wheels simultaneously providing a major advantage over hydrostatic rivals which lose grip when one wheel spins and the others simultaneously lose drive. **Greater traction** improves safety, enhances control, and enables operators to work in the toughest of terrain and conditions

## SAFETY

Reliable traction, consistent even braking, a low centre-of-gravity and protection from hydraulic overrun on steep banks all combine to ensure the Agribuggy delivers one of the **safest user experiences** on the market.

## EFFECTIVE POWER DELIVERY

95 per cent of the power generated is delivered to the contact patch of the tyre – compared to just 80 per cent for hydrostatic machines which squander power moving oil around the machine. This **increased efficiency** eradicates power lag, improves performance, and results in greater fuel economy.



Mechanical Drive makes me feel a lot more comfortable and secure. The grip is great and the Agribuggy will go up and down slopes in almost any weather and conditions. It is safe and reliable and has helped me win contracts where operators with hydrostatic machines have been unable to perform

Wyn Jones - Cardigan contractor

## LOW RUNNING COSTS

The Agribuggy places less stress on wearing parts and is easier to service and maintain than hydrostatics which often have to be returned to the manufacturer for repair.

That means **lower running costs**, greater reliability and a major reduction in downtime.

## GREATER COMFORT

Lower revs than hydrostatic machines means a reduction in vibration and noise pollution. With noise levels of only 66db at 1700rpm, the Agribuggy offers lower disturbance and a **more comfortable environment** for the operator.

## ON THE ROAD AND IN THE FIELD

Quick and comfortable on the road – the Agribuggy significantly reduces travelling time to and from jobs. The ride is **safe and stable** and fuel costs are lower than that of hydrostatic machines which need more power and more revs to match the speed of mechanical drive.



## CONSISTENT RELIABLE TRACTION UPHILL



## ENHANCED SAFETY DOWNHILL





Agile in the field and quick on the road, the Agribuggy reduces downtime getting to and from jobs and has the power and traction to thrive in tough terrain and work in areas where rival machines would struggle.

#### PROVEN ENGINE TECHNOLOGY

Powered by a 148hp, 2.8 litre, turbo-charged and intercooled Cummins engine, the Agribuggy delivers **greater torque and grip** than any of its hydrostatic rivals.

#### LOW RUNNING COSTS

Boasting the **finest fuel economy** in its class, the Agribuggy consumes on an average working day around 70-litres compared to between 150 and 200-litres for hydrostatic sprayers.

#### SMOOTH TRANSMISSION

The Agribuggy features a 4 speed, heavy-duty, automatic transmission with 2 speed transfer box with lockable centre differential and independent park brake.

#### BETTER ON THE ROAD

Safe, stable, and responsive both on the road and in the field, the Agribuggy has a top speed of 50 km/h (dependent on local legislation) – **reducing downtime getting to and from jobs.**



#### UNIVERSAL DEMOUNT FEATURE

The Agribuggy's sprayer demount can be easily removed enabling operators to take full advantage of its capabilities as a lightweight load carrier.

# PERFORMANCE AND VERSATILITY

# STATE-OF-THE-ART COMFORT CAB TECHNOLOGY

Featuring 360-degree curved glass; a floating command arm; a spacious working environment and an active carbon-filtration system, the Agribuggy's Comfort Cab has been designed to boost visibility, comfort and precision, and enable operators to work longer, harder and safer.

## OUTSTANDING VISIBILITY

A hydraulic cab suspension system reduces noise and vibration. The Agribuggy's **panoramic curved glass cab** has nine square metres of glass and provides operators with an unobstructed view along the full length of the booms. It also features an integrated sun visor and a dot-matrix shield eliminating both glare and reflections.

## ENHANCED COMFORT

With three-cubic metres of space the Comfort cab offers one of the **most space-efficient working environments** on the market – with more than enough leg room for even the tallest operators.

The cab features a fully-adjustable steering column; room for multiple displays, a comfortable 'buddy' seat, and document and item storage.

Entry to and from the vehicle is easy thanks to a 65° wide-opening door with pneumatically retractable access steps, which come with an extension for high-clearance work.

## ENTERTAINMENT AND COMMUNICATIONS

In-cab entertainment is provided by a Clarion sound system with full DAB and DAB+ functionality. Bluetooth is equipped for **safe hands-free communication** and audio streaming direct from phones, tablets, or other enabled devices. The cab also features USB and jack sockets in radio and an integrated phone charging point on the console.





Made by industry specialists and proven in the field, the optional KAB seat features air-suspension to absorb excess vibration and reduce side-to-side and front-and-rear motion when working in bumpy terrain.

An active carbon-filtration system keeps air clean and fresh and eliminates chemical fumes and dust particles, while a **climate-control system** with six adjustable air vents and front and side demisting ensures operators can customise the temperature inside the cab to their personal preference.

“ The visibility is excellent and the whole cab is well designed – It’s a really comfortable environment to work in with a very little noise. I have never been in such a quiet cab. When you go out in another machine you really notice the difference.

Wyn Jones - Cardigan contractor

#### **‘COMFORT CAB’ TECHNOLOGY**

A suite of features delivers improved insulation and reduced maximum noise levels to just 66 decibels, including:

- Four-layer external sound barrier to block noise and heat
- Internal sound-absorbing foam with cloth covering
- Double-glazed rear window
- Internal roof lining electrostatically sprayed with a flocking material
- Bonded and sealed floor-mat to avoid noise leakage
- E-marked glass bonded to the side panels
- Lining added to the storage box
- ‘Fly-by-wire’ technology to reduce entry points into the cab

# **PRODUCTIVE AND SAFE WORK ENVIRONMENT**

Mounted on a state-of-the-art hydraulic suspension system which reduces noise and vibration for enhanced comfort and stability, the cab features a branded KAB heated seating unit with full lumbar support, a high back-rest, generous adjustable seat cushion, safety belts and a wealth of adjustment options.

### COMPACT TURNING CIRCLE

One of the most manoeuvrable and responsive self-propelled sprayers on the market, the Agribuggy boasts a **best-in-class** 4WS turning circle of just 5.0m. No other mainstream machine is as adept in confined and challenging work environments.

### STEERING MODES

Six specialist steering modes give operators complete control in any working environment and allow the Agribuggy to be tailored to **peak performance** in all weathers and field conditions. Options include:

- **2-Wheel steering** – For use in the field and on the road up to 18km/h. Offers precise front wheel steering only. The rear wheels automatically re-align when selecting this option.
- **4-Wheel steering** – Selecting 4-wheel steer allows full power front and rear steering for precise tracking in confined spaces and tight headland turns.

- **Delay-mode steering** – ideal for travelling in tramlines, this option allows only the front wheels to steer until a pre-set angle is reached. Only then will the rear wheels follow. Allows minor corrections to be made on straights while maintaining the capability of the machine to perform tight turns.
- **Crab steering** – Predominantly used for preventing side slip on steep inclines, its secondary use is to provide individual wheel markings to reduce soil compaction on soft ground.
- **Headland mode** – Increases operator comfort and ease of use, the system will automatically switch between two and four-wheel steer when the last spray section or master spray control switch is turned on or off.
- **Road mode** – when driving on the highway the rear axle is locked straight for operator safety. This mode automatically engages when the speed hits 18km/h.



2-Wheel steering



4-Wheel steering



Delay-mode steering



Crab steering



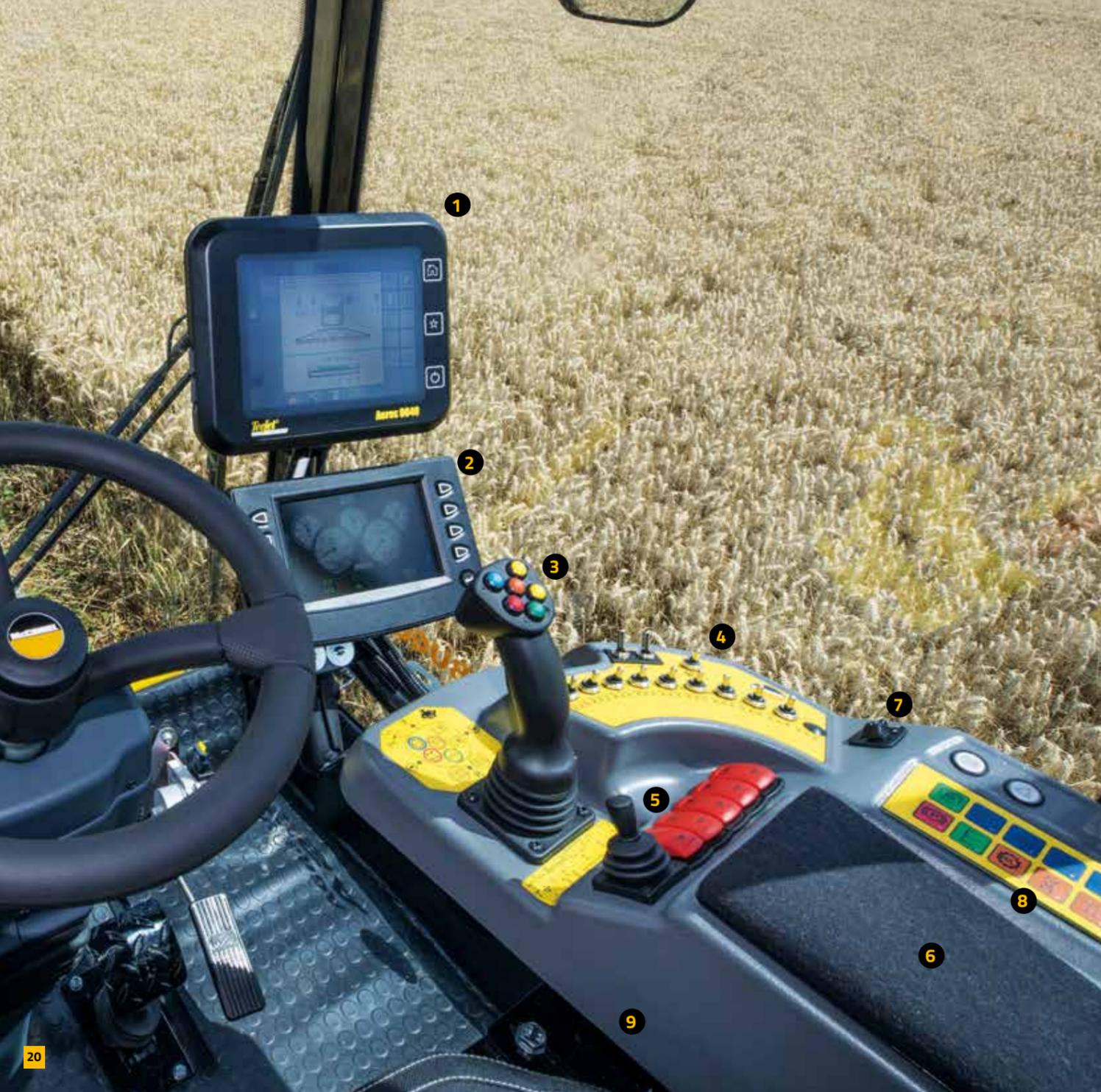
Headland mode



Road mode



# MANOEUVRABILITY



Visual display unit

- 1 Aeros 8.4 inch full colour touch screen GPS guidance system with auto-rate control and 'Boompilot' auto boom section shut-off
- 2 High-visibility 7" colour TFT Machine Control Unit giving operators real-time information on their machine's performance
- 3 Multi-function command arm / tiptronic gear selector
- 4 Sprayer section controls
- 5 Boom controls
- 6 Armrest with storage compartment
- 7 Electric mirror controls
- 8 Switch pad with controls for: Lights, PTO, Diff lock, Parking brake, Access steps
- 9 Floating and adjustable console to suit each operator

#### VISUAL DISPLAY UNITS:

A high-visibility 7" colour TFT digital display unit offers a **wealth of information** at-a-glance, giving operators real time information on their machine's key performance information, including:

- GPS speed and position
- Engine, steering and machine diagnostics
- Warning systems
- Rear steering modes
- Cruise control mode and speed
- PTO mode and speed
- Transmission mode for different size wheels
- Intermittent wipe interval
- Temperatures
- Pressures
- Transmission info

#### CONTROLS

Simple to learn yet sophisticated in functionality, the controls feature an **ergonomic layout** which eases fatigue and ensures precise fingertip control. Controls include:

- A Tiptronic automatic gearbox controlled from the command arm mounted joystick
- Master sprayer and spreading control
- Aeros 8.4 inch full colour touch screen GPS guidance system with auto-rate control and 'Boompilot' auto boom section shut-off
- Multiple steering mode options
- Three-mode cruise control
- Cruising speed
- Headland control
- Fingertip boom section controls for use in manual mode
- The operation of the booms is controlled through a secondary joystick mounted on the armrest

# ADVANCED CONTROLS AND FUNCTIONALITY

The Agribuggy offers operators the best in precision and comfort with an innovative 'floating' command arm which moves up and down with the chair to ensure the joystick and key control buttons are always in perfect alignment.

# PRECISE

## GUIDANCE AND AUTOMATIC STEERING

Agribuggy utilises the full performance of the Teejet Aeros precision guidance system to deliver outstanding in-field productivity and efficiency including, Straight AB, Curved AB, last pass, headland mode and A+ heading.

### PRECISION GUIDANCE

Robust, clear and accurate guidance system, designed with the **operator comfort and ease of use** in mind. With up to 15 sections, the 8.4" touch display allows flexibility of use for precision target control, applying the product being sprayed to hit the target thus reducing input costs, over spray, operator fatigue - and increasing productivity and yield.

### AUTOMATIC STEERING (OPTIONAL)

The Fieldpilot® system integrates fully into the A-280 working seamlessly through the Aeros display.

The proportional system directly controls the Agribuggy simply by the push of a button. Once at the headland the operator takes control by simply turning the wheel and making his turn, the system is resumed and will automatically pick up the next tramline.

### DATA TRANSFER

Dual USB ports are available for day to day data transfer and allow the **connection of multiple devices**. Data can be uploaded via USB in XML file format but exported from the Aeros system in XML, SHP, PDF and KML. Each job can be individually named and customised per farm from the console or via Fieldware Link®.



### INFORMATION DISPLAYED

8.4" Colour touch screen mapping	Standard
Colour differentiation – sprayed/unsprayed area	Standard
On-screen representation of sprayer/boom	Standard
Direction indicator	Standard
Nozzle status indicator	Standard
Tank volume indicator	Standard
Area indicator	Standard
Application rate indicator	Standard
Pressure indicator	Standard
GPS reception status indicator	Standard
Spray pattern indicator	Standard



### FULLY INTEGRATED

The Teejet Aeros 9040 control module has been fully integrated throughout the Agribuggy to ensure the **ultimate in precision spraying and performance**, including application rate control, mapping, variable rate application and Automatic Boom Section Control.

### NEW LEVELS OF PRECISION

The innovative TeeJet Aeros 9040 brings a new level of precision farming capability to the A-280. With the **perfect combination of new technology and field-proven subsystems**, the Aeros offers the capabilities you need to get the most from your precision farming investment. Available with IC34 job computer with up to 15 section shut-off.

### INFORMATION DISPLAYED

Auto/manual spray rate selection	Standard
% +/- toggle around auto target application rate	Standard
Pressure adjust in manual application rate	Standard
Target application	Standard
Active tank volume – real time	Standard
Area sprayed	Standard
Forward Speed	Standard
Number of boom sections – Active/inactive	Standard
Nozzle pre-selector	Standard
Nozzle code/colour selected	Standard
Nozzle working range indicator	Standard
Nozzle working pressure indicator	Standard

# HIGH-PERFORMANCE SPRAYING

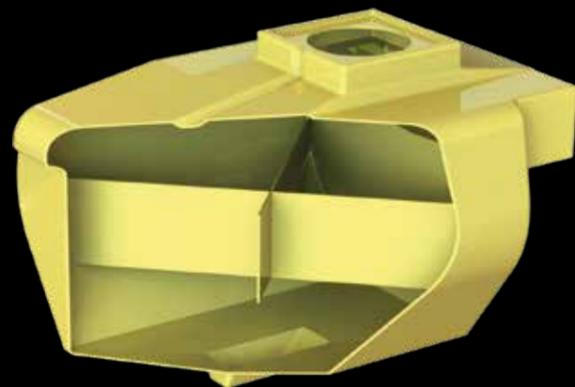
The Agribuggy comes equipped with a generous 2,700-litre spray tank that has been internally baffled for extra strength and to prevent water surges. It is gel-coated for UV protection and a durable, attractive finish.

Featuring electronic flow control valves, the Agribuggy's pressure recirculation system activates the moment the nozzle is switched off, recirculating the water and chemicals back to the tank. This **increases efficiency**, completely cleaning the sprayline and preventing blockages and hardening of residual chemicals.

The system also ensures immediate chemical priming to the nozzle at the beginning of the field and greater accuracy of low volume applications.

## SPRAY TANKS

- Designed and created exclusively for the Agribuggy
- 2,700-litre capacity
- Gel coated for UV protection
- Internally-baffled
- Pressure recirculation system with streamlined pipework reduces dead volume to a minimum
- Shallow sump for enhanced suction when spraying
- Complete drain system
- Compressed air system with storage and dryer tanks
- Tank washing system with 320 litre clean water tank
- 20 litre hand wash tank
- Smooth inside walls for ease of cleaning
- Weigh-sensor for precise tank accuracy

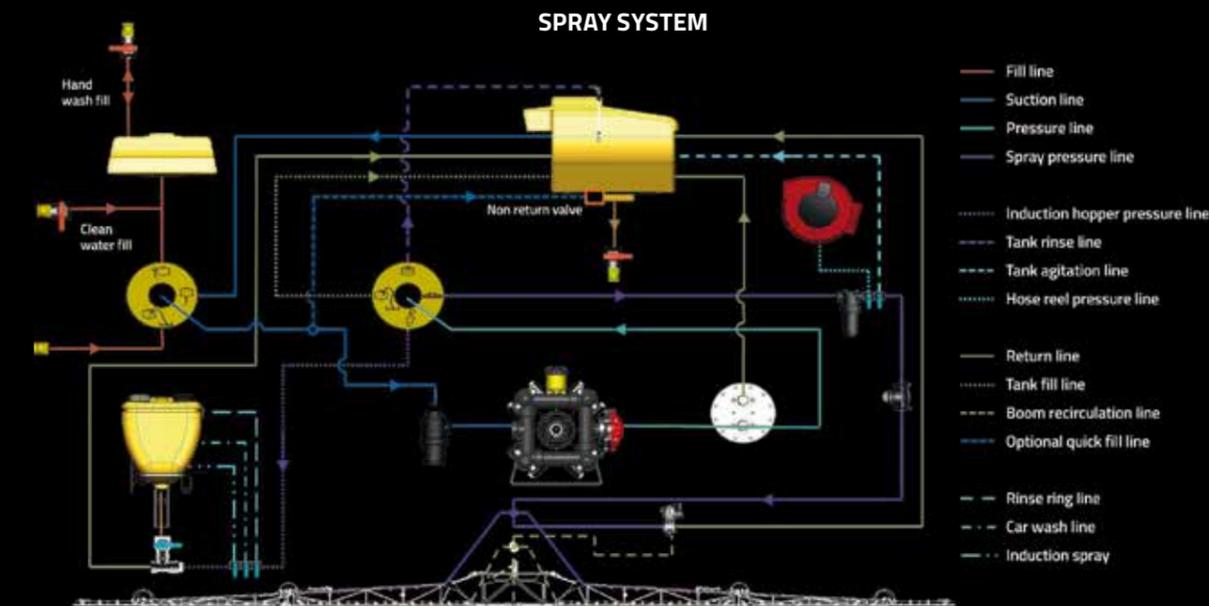


## DEMOUNT UNIT FEATURES

- Protective clothing locker
- 30 litre chemical inductor with mixer nozzle and can wash
- 4 cylinder, 274 ltrs/min pump with direct mount hydraulic drive motor
- 173 micron suction filter and 365 micron self-clean pressure filter
- Side mounted, easy access/operation, pressure and suction control valves
- Dry sight gauge
- External wash down hose/lance with self-recoil hose reel
- Rear LED road lights

## OPTIONAL EXTRAS

- Various boom widths and combinations
- Foam bout markers
- Electronic control valves (see picture top right)
- Single or 5-way nozzle bodies
- Demount legs/jacks
- Fertiliser spreader demount frame - universal
- Alternative wheels & tyres
- Variable geometry booms
- Boom hinge over kits
- Additional spray sections available (up to a maximum of 15)
- Spray illumination LED lights
- Autosteer
- Increased spray pump output
- Induction hopper rinse ring
- Power raise and lower induction hopper
- Stainless steel induction hopper
- Quick fill pump
- Different spray controllers
- RDS
- External PTO and Ramsey controls with pressure gauge
- Choice of slug pelleters





# PRECISION SPRAYING SYSTEM

Featuring 12/24m fully hydraulic Pommier aluminium booms and boom suspension with tilt and yaw control, the Agribuggy delivers outstanding precision and productivity.

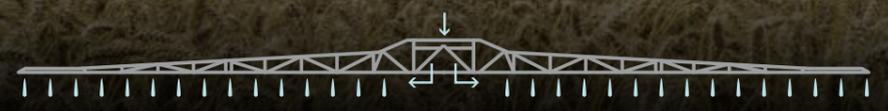
## POMMIER BOOMS

- Created by leading industry specialists Pommier
- Proven in the field
- Designed for strength and lightness
- Lighter than steel for a better low ground pressure performance
- Non-corrosive and resistant to liquid fertiliser and chemicals
- Reduced power requirement
- Near perfect weight distribution
- Optimal weight on the drawbar ensures excellent traction from full to empty
- Multi-stage boom suspension with tilt control enables fast working speeds of up to 20 km/h

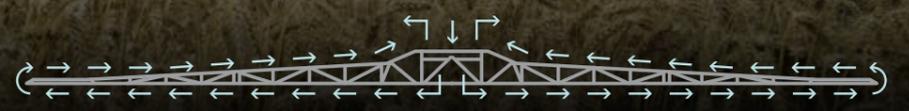
- 12/24 metre, fully hydraulic aluminium booms – 28m maximum width
- Unique, full-flow spray line recirculation / priming and purging system with sprayline rinsing
- 7 section, air shut-off nozzles
- Triplet nozzle bodies with 3 sets nozzles
- Less centrifugal force when turning
- Pendulum suspension
- Anti-yaw control

## BOOM OPTIONS

- Passive boom suspension
- Full variable geometry
- 20m adaption / flip-over
- 5-way nozzle bodies
- Additional sections
- LED work lights on frame
- LED under boom night lights
- Foam market kits



**Spraying** - when pressure and suction valves are in the spray position and the PTO is engaged, the chemical is already starting to prime the lines. When spraying, the return valve is closed and the air stop valves open.



**Recirculation** - When spraying stops, the return valve opens allowing the liquid back to the tank on a continual cycle, keeping the spray lines clean from residual chemical build-up and making the important job of cleaning a simple exercise.

# TECHNICAL SPECIFICATION

<b>AGRIBUGGY A280</b>
<b>Chassis</b>
2.8 metre wheel base
Fully sealed box sectional steel chassis including underbelly sheet and front deflector shield
Quick attach cone system/sprayer demount
<b>Engine</b>
Cummins 2.8L - 148HP Turbo charged & intercooled
<b>Transmission</b>
ZF 4 Speed heavy-duty automatic
Hi/Low range selection
Lockable centre diff and parking brake
<b>Speed</b>
50 km/h maximum
<b>Axles</b>
Axles Melo heavy-duty reduction hub axles
Power operated external disc brakes
<b>Steering</b>
Four wheel-steering (4WS) system
2WS, 4WS, Crab + road-safe mode
<b>Hydraulic System</b>
Hydraulic PTO system with speed adjustment control
4-Service electro-hydraulic spool valves
<b>Cab</b>
Generation III Comfort-Cab with all-round tinted glass for panoramic vision
Climate controlled air conditioning with carbon filters
Stereo/CD player
Adjustable steering column
Buddy seat and storage locker
Air seat mounted with "Command Arm" control console housing:
Digital/colour TFT machine management display including reversing screen (automatic day and night vision reversing camera)
Aeros colour 8.4" touch-screen display
Multifunction Joystick control
Electronic cruise control/hand throttle
High-back KAB air seat option
6 LED work lights
Aerolite twin LED flashing beacon
Large electrically adjustable side mirrors on adjustable arms
Wide/deep anti-slip access steps

<b>AGRIBUGGY A280</b>
<b>Additional</b>
Enclosed engine bay with easy access, gullwing side panels
Remote PTO control/hand-throttle for filling operation
95 litre inboard fuel tank plus 19 litre Adblue tank
Front head lights with built in side lights and indicators
Height adjustable plastic mudguards
Rear road lights and reflectors
<b>Tyre and fixed centre wheels</b>
Trelleborg 560/60 R22.5 Twin Radial LGP tyres - Standard
12.4 x 36 row crop tyres and adjustable rims - Standard
Alternative wheels & tyres available
<b>Optional Equipment</b>
Additional boom section controls
Variable geometry/Independent boom lift
High-output spray pumps
Foam bout markers
Bluetooth phone connectivity
Single or 5-way nozzle bodies
Demount jack-legs - set of four
Fertilizer demount frame - universal
<b>Console Controls</b>
Digital TFT colour machine management display
Multi-function electric joystick
Switch controls for inner and outer boom folding
Master on/off plus 7-section (option for 9 or 15) control switches
Electric cruise control/hand throttle
Gear selection controls

<b>SPRAYER DEMOUNT UNIT</b>
<b>Features</b>
2700 Litre GRP spray tank, internally baffled and gel-coated
12/24 metre fully hydraulic aluminium booms
Boom suspension, tilt and yaw control
Compressed air system with dryer and storage tanks
7-Section air shut off valves and regulator (option for up to 15-section shut off)
Full-flow spray-line recirculation/purge system
30 Litre chemical induction hopper with mixer nozzle & can wash
Self-fill facility with detachable hose
Tank wash system with 320 litre clean water tank
20 Litre hand wash water tank
Protective clothes locker
4-Cylinder, 274 ltr/min pump with direct mount PTO motor
Suction and self-cleaning pressure filters
Side mounted suction and pressure manual control valves
Dry sight gauge
Triple nozzle bodies c/w 3 sets of standard flat fan nozzles
External wash lance and self-recoil hose reel

Please note: due to continual product development, the information in this brochure is subject to change at any time. McConnel Limited assumes no responsibility for any inaccuracies, errors or omissions and reserves the right to change specifications without notice. November 2017

# FEATURES

## PERFORMANCE

- Unrivalled power to weight ratio
- 148hp, 2.8 litre, turbo-charged & intercooled engine
- 4 speed, heavy-duty, automatic transmission with 2 speed transfer box with lockable centre differential and independent park brake
- Melo, heavy-duty, reduction hub axles with Brembo brakes and all-round suspension
- Four-wheel steering system
- Enclosed engine bay with easy access side panels
- Remote PTO/engine RPM control for external filling operations
- 95 litre inboard fuel tank
- Height adjustable plastic mudguards
- Electro-hydraulic PTO system with automatic speed control
- Quick attach sprayer/spreader demount system
- Powder coated finish to metal surfaces
- Trelleborg 560/60 R22.5 Twin Radial LGP tyres
- 11.2 or 12.4 row crop tyres on adjustable rims
- Under belly sheet & front crop deflector shield

## COMFORT-CAB

- 360° visibility
- Easy access wide door
- Retractable access steps with extension for high-clear work
- Curved and tinted glass
- Roof mounted, climate control air-conditioning system with carbon filtration
- DAB Bluetooth radio and CD/stereo, auxiliary power socket. Option to upgrade Bluetooth with a remote microphone to improve voice quality
- Fully adjustable steering column
- Heated high-back KAB air suspension seat with head and armrests & lap belt

- Buddy seat and storage including document compartment and integrated cupholders
- 6 LED adjustable worklamps
- Flashing amber LED beacon
- "Command Arm" Seat mounted operators control console housing:
  - Digital/colour TFT machine management display including reversing screen
  - Aeros colour 8.4" touch-screen display with combined auto rate control & GPS guidance system c/w "Boompilot" auto section control, & RXA-30 (EGNOS) antenna
  - Multifunction Joystick control
  - 4WS controls with mode select
  - 4-Way electric joystick for lift/lower and tilt control
  - Switch controls for inner and outer boom folding
  - Master on/off plus 7-Section control switches
  - Electronic cruise control/hand throttle
- Side mounted, easy access/operation, pressure and suction control valves
- Dry sight gauge
- Triplet nozzle bodies with 3 sets of nozzles
- External wash down hose/lance with self-recoil hose reel
- Rear LED road lights

## SPRAYER DEMOUNT UNIT

- 2700 litre GRP spray tank, internally baffled & gel-coated
- 12/24 metre, fully hydraulic aluminium booms
- Multi-stage boom suspension with tilt control
- Compressed air system with storage and dryer tanks
- 7 section, air shut-off nozzles
- Unique, full-flow spray line recirculation/priming & purging system with sprayline rinsing
- 30 litre chemical inductor with mixer nozzle and can wash
- Self-fill facility with 6 metre detachable hose
- Tank washing system with 320 litre clean water tank
- 20 litre hand wash tank
- Protective clothing locker
- 4 cylinder, 274lpm pump with direct mount hydraulic drive motor
- Suction filter and self-clean pressure filter
- Various boom widths and combinations
- Foam bout markers
- Bluetooth compatible/alternative entertainment systems
- Single or 5 way nozzle bodies
- Demount legs/jacks
- Fertiliser spreader demount frame - universal
- Alternative wheels & tyres
- Variable geometry booms
- Boom hinge over kits
- Increase section shut-off from 7 - 15
- Spray lumination LED lights
- Autosteer
- Increased spray pump output
- Induction hopper rinse ring
- Power raise and lower induction hopper
- Stainless steel induction hopper
- Quick fill pump
- Different spray controllers, RDS
- External PTO and Ramsey controls with pressure gauge
- Slug pelleters, Stocks fanjet pro and fanjet pro plus i-Con GPS

## OPTIONAL EQUIPMENT

- Various boom widths and combinations
- Foam bout markers
- Bluetooth compatible/alternative entertainment systems
- Single or 5 way nozzle bodies
- Demount legs/jacks
- Fertiliser spreader demount frame - universal
- Alternative wheels & tyres
- Variable geometry booms
- Boom hinge over kits
- Increase section shut-off from 7 - 15
- Spray lumination LED lights
- Autosteer
- Increased spray pump output
- Induction hopper rinse ring
- Power raise and lower induction hopper
- Stainless steel induction hopper
- Quick fill pump
- Different spray controllers, RDS
- External PTO and Ramsey controls with pressure gauge
- Slug pelleters, Stocks fanjet pro and fanjet pro plus i-Con GPS

# WHY MCCONNELL?

When you buy a McConnell Agribuggy you're not just buying a high-performance machine – you're also getting a first-class aftercare package that supports you through the lifespan of your product. So whether you need an urgent part; service assistance; or online information on how to get the best from your machine, McConnell should always be your first choice.

Key benefits of buying your machine from McConnell include:

- An international network of dealers and distributors provides full service and support in 40 countries across the globe
- Every machine is subjected to an exhaustive performance test before being released to a customer
- A comprehensive stock of genuine replacement parts can be sent to dealers around the world via international couriers
- McConnell has a proven heritage with around 40 years' experience of creating award-winning farm machinery, cultivation and green maintenance products. McConnell machines have proven successful in a wide variety of working environments all over the world.
- Our highly-skilled team of service professionals train hundreds of dealers every year and can offer expert support if you have an issue that can't be resolved quickly by your local dealer
- Customisation is fully supported with McConnell working with customers to help them create bespoke machines.
- An online library of essential information including Operator's Guides, Parts Books, and multimedia product information is available.

McConnell offers a proven product range, strong after-care support, and an international network of dealers and distributors spanning 40 countries, so if you're keen to take advantage of our high-performance products, can you afford not to choose McConnell.



## POWER ARMS

McConnell offers a comprehensive selection of Power Arms with 12 different series and 38 different models. Customers can choose from thousands of different build variations enabling them to create a personalised spec that is ideal for their needs. A wide selection of working attachments is also available from saw blades to ditch cleaners.



## FLAIL AND ROTARY MOWERS

Whether you are looking for a flail or rotary mower, McConnell has a machine to match your needs with a choice of 10 different series and 24 machines available. The choice includes everything from 1.3m compact flail mowers to 8.2m high-performance flex-wing rotary mowers.



For more information on McConnell's full machine line-up please visit [www.mcconnell.com](http://www.mcconnell.com)

## CULTIVATION AND SEEDING

McConnell has invested heavily in expanding and evolving its cultivation and grassland range – offering a selection of popular soil conditioners, aerators, stubble and deep-soil cultivators. The launch of the Agribuggy marks the company's entry into the crop sprayer market.



## REMOTE CONTROL

With six different models and a choice of 25 distinct working attachments, McConnell can offer a safe and effective remote control solution for almost any challenge. Featuring a 150m working range and an innovative low centre of gravity design, McConnell machines remove the operator from the danger zone and open up work environments that were previously hazardous, hard to reach or restricted-access.





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