

TECHNICAL SPECIFICATION

AGRIBUGGY A300	
Chassis	
3.0 metre wheel base	
Fully sealed box sectional steel chassis including underbelly sheet and front deflector shield	
Quick attach cone system/sprayer demount	
Twin storage lockers	
Engine	
Cummins 3.8L Stage V - 148HP Turbo charged & intercooled	
Transmission	
ZF 4 Speed heavy-duty automatic	
Hi/Low range selection	
Lockable centre diff and parking brake	
Speed	
50 km/h maximum	
Axles	
OMSI axles with heavy-duty reduction hubs, LSD Rear axle with offset gearbox fitted to front, Power braking system with four external discs	
Steering	
Four wheel-steering (4WS) system with "AUTO-LINK"	
2WS, 4WS, Crab + road-safe mode	
Hydraulic System	
Hydraulic PTO system with speed adjustment control	
4-Service electro-hydraulic spool valves	
Cab	
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	
High-back KAB fully adjustable heated air seat	
6 LED work lights (4 front, 2 rear)	
Aerolite twin LED flashing beacon	
Large electrically adjustable side mirrors on adjustable arms	
Wide/deep anti-slip access steps with extension for Row-Crop work	

AGRIBUGGY A300	
Additional	
Enclosed engine bay with easy access gull wing side panel	
Remote PTO control for easy filling operation	
110 litre inboard fuel tank plus 19 litre Adblue tank	
LED Front head lights with built in side lights and indicators	
Height adjustable plastic mudguards	
Rear road lights and reflectors	
Tyre and fixed centre wheels	
Trelleborg 560/60 R22.5 Twin Radial LGP tyres - Standard	
Alliance 12.4 x 36 row crop tyres and adjustable rims - Standard	
Alternative wheels & tyres available	
Optional Equipment	
Field pilot pro Auto Steer system	
NORAC UC7 Auto boom levelling	
Variable geometry/Independent boom lift	
Additional work lights	
Stainless induction hopper	
5-way nozzle bodies	
Demount jack-legs - set of four	
Fertilizer demount frame	
Console Controls	
Digital colour machine management display "MCU"	
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	
Gear selection controls	

SPRAYER DEMOUNT UNIT	
Features	
3000 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	
5-Cylinder, 335 ltr/min pump with direct mount PTO motor	
Suction and self-cleaning pressure filter	
Side mounted suction and pressure manual control valves	
Digital sight gauge	
Monochrome LCD display with remote PTO control	
Triple nozzle bodies c/w 1 sets of standard low drift 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, 3.8 litre Stage V, turbo-charged & intercooled engine
- 4 speed, heavy-duty, automatic transmission with 2 speed transfer box with lockable centre differential and independent park brake
- Omsi, heavy-duty, reduction hub axles with four wheel full power brakes and all-round suspension
- Four-wheel steering system
- Enclosed engine bay with easy access side panel
- Remote PTO control for external filling operations
- 110 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
- 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.
- Fully adjustable steering column
- Heated high-back KAB fully adjustable air suspension seat with head and armrests & seat belt
 - Buddy seat and storage including document compartment and integrated cupholders
 - 6 LED adjustable worklamps (4 front - 2 rear)

- Flashing amber LED beacon
- "Command Arm" Seat mounted operators control console housing:
 - Digital/colour TFT machine management display including reversing screen "MCU"
 - Aeros colour 8.4" touch-screen display with combined auto rate control & GPS guidance system c/w "Boompilot" auto section control, & RX520 (EGNOS) antenna
 - Multifunction Joystick control
 - 4WS controls with mode select and "AUTOLINK"
 - 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

SPRAYER DEMOUNT UNIT

- 3000 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
- 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
- 5 cylinder, 335lpm pump with direct mount hydraulic drive motor
- Suction filter and self-clean pressure filter

- Side mounted, easy access/operation, pressure and suction control valves
- Digital sight gauge
- Monochrome LCD display with PTO control
- Triplet nozzle bodies with 1 set of low drift nozzles
- External wash down hose/lance with self-recoil hose reel
- Rear LED road lights

OPTIONAL EQUIPMENT

- Various boom widths and combinations available
- Foam bout markers
- Single or 5 way nozzle bodies
- Demount legs/jacks
- Fertiliser spreader demount frame - universal
- Alternative wheels & tyres
- Variable geometry booms
 - Passive suspension
- Boom hinge over kits
- Increase section shut-off from 7 - 15
- Spray lumination LED lights
- Autosteer
 - NORAC UC& Auto levelling
- Increased spray pump output
- Power raise and lower induction hopper
- Stainless steel induction hopper
- Quick fill pump
- Slug pelleters, Stocks fanjet pro and fanjet pro plus i-Con GPS