



Spraying Catalogue

2017-2018

DESIGNED & BUILT
IN AUSTRALIA





Meet Graytill

Graytill is a family owned business manufacturing machinery for the agricultural industry.

Graytill was established in 2011 to manufacture agricultural machinery. In 2013 Graytill decided to specialise primarily in ute and truck mounted sprayers,

however Graytill is continuing to extend their range of spraying products.

This catalogue introduces you to what Graytill offers. We pride ourselves on our motto:

“EFFICIENCY THROUGH DESIGN”.

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SmartBoom



**SmartBoom is the all purpose boom spray.
It is available in either truck mounted
or ute mounted configurations.**

- ✓ Fully welded and powder coated frame for maximum durability
- ✓ Mid mounted self levelling boom
- ✓ Nozzles shielded by boom to prevent damage
- ✓ Kohler engine mounted to Bertolini pump
- ✓ Ladder and access way to tanks
- ✓ Jack stands
- ✓ Road legal transport width

Truck Mounted SmartBoom

Custom Rear Mount Boom

STANDARD FEATURES

- ✓ Standard widths from 18m to 22m
- ✓ Hydraulic boom lift
- ✓ Self lubricating pivots and slides
- ✓ Manual folding wings
- ✓ Ball bearing breakaways
- ✓ Auto-reset outer breakaways
- ✓ Low profile full sump tank
- ✓ 5 section plumbing
- ✓ ARAG Bravo 400s GPS with auto rate and section control
- ✓ Air induction nozzles
- ✓ Shielded nozzles
- ✓ Stainless steel spray lines
- ✓ Electric fenceline nozzles
- ✓ Direct fill/Drain point
- ✓ Petrol container
- ✓ Battery
- ✓ Hour meter/Tachometer
- ✓ Agitator
- ✓ Tank rinse nozzle

OPTIONAL FEATURES

- ✓ Venturi fill and floating filter with 7m hose
- ✓ Manual pressure controller
- ✓ Seletron individual nozzle control
- ✓ 100L or 150L flush/hand wash tank
- ✓ Chemical induction probe
- ✓ Chemical induction hopper
- ✓ Hydraulic wing tilt
- ✓ Hydraulic wing fold
- ✓ Integrated SmartSpray Reel
- ✓ Large range of tank sizes available
- ✓ Complete custom build

Ute Mounted SmartBoom

STANDARD FEATURES

- ✓ Standard widths from 10m to 14m
- ✓ 2m transport width
- ✓ Electric boom lift with adjustable limit stops
- ✓ Self lubricating pivots and slides
- ✓ Manual folding wings
- ✓ Ball bearing breakaways
- ✓ Auto-reset outer breakaways
- ✓ Low profile full sump tank
- ✓ 3 section plumbing
- ✓ ARAG Bravo 400S GPS with auto rate and section control
- ✓ Air induction nozzles
- ✓ Shielded nozzles
- ✓ Stainless steel spray lines
- ✓ Electric fenceline nozzles
- ✓ Direct fill/Drain port
- ✓ Petrol container
- ✓ Battery
- ✓ Hour meter/Tachometer
- ✓ Agitator
- ✓ Tank rinse nozzle

OPTIONAL FEATURES

- ✓ Venturi fill and floating filter with 7m hose
- ✓ Manual pressure controller
- ✓ Seletron individual nozzle control
- ✓ 100L or 150L flush/hand wash tank
- ✓ Chemical induction probe
- ✓ Chemical induction hopper
- ✓ Hydraulic wing tilt
- ✓ Hydraulic wing fold
- ✓ Integrated SmartSpray Reel
- ✓ Large range of tank sizes available
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WING OPTIONS

1. Hydraulic Fold

- ✓ Hydraulic fold allows the boom to be fully folded using the joystick that integrates with the ARAG Bravo 400S system that also controls the spray rate. All folding operations are carried out from within the cab, saving time and increasing operator safety.
- ✓ The outer wings on the boom spray fold vertically for a more compact design allowing for more room on the vehicle for clear access and increased storage around the boom spray.
- ✓ Hydraulic fold also features hydraulic wing tilt. See below for further details.



2. Hydraulic Wing Tilt

- ✓ Hydraulic wing tilt allows the wings to be tilted vertically for better contour following around hillsides and to clear obstacles.
- ✓ The joystick controller is fully integrated with the ARAG Bravo 400S monitor and full operation is within the cab for the hydraulic wing tilt, however the wings need to be manually folded for transport.
- ✓ Hydraulic wing tilt features nitrogen accumulators for shock absorption of boom spray wing movement when driving around the paddock for a smoother ride, and reduced stress on the boom.



3. Manual Fold

- ✓ Manual folding of the boom spray wings features horizontal folding requiring less effort when folding the wings for transport, reducing operator fatigue.
- ✓ The ball bearing breakaways provide positive location when in operation but swing freely when broken, allowing for ease of manual folding and reduced stress on the frame.
- ✓ The self lubricating pivot points require no grease, reducing time spent on boom spray maintenance.



RATE CONTROLLER OPTIONS

1. ARAG Seletron Individual Nozzle Control

- ✓ The ARAG Seletron individual nozzle control works in conjunction with the ARAG Bravo 400S to automatically shut off individual nozzles, virtually eliminating overlap, reducing chemical costs and minimising the impact on the environment.
- ✓ The Seletron system is particularly beneficial in small or irregular shaped paddocks, where it allows the operator to drive the most efficient path, without having to worry about overlap or missed areas.



2. ARAG Bravo 400S Auto Rate and Section Control

- ✓ The ARAG Bravo 400S system is an all in one GPS, rate controller, and auto section controller. It allows the operator to drive at varying speeds to suit the terrain, adjusting the control valve to maintain a constant spray rate.
- ✓ The ARAG Bravo 400S system allows the boom to be divided into 3 sections as standard, and will automatically shut off individual sections to reduce overlapping.
- ✓ Spray jobs can be copied onto a personal computer to be viewed for proof of chemical placement, or prescription maps can be loaded into the Bravo 400S system for variable rate application.



3. Manual Pressure Control

- ✓ The spraying pressure is set via the manual pressure regulator and a constant vehicle speed must be maintained to ensure an accurate spray rate is applied.
- ✓ The manual pressure control is a simple, no computer, pressure based control system to control the chemical spray rate.
- ✓ Stand alone GPS and foam marker units are available to complement the manual controller.



Custom SmartBoom



SmartBoom with integrated SmartSpray with boomless jet.

Hydraulic Fold Ute Mounted SmartBoom.



21.5m Manual Fold, Hydraulic Wing Tilt Truck Mounted SmartBoom. Custom built to suit Iveco Daily Truck.

14m Ute Mounted SmartBoom. Custom built to suit short tray length.



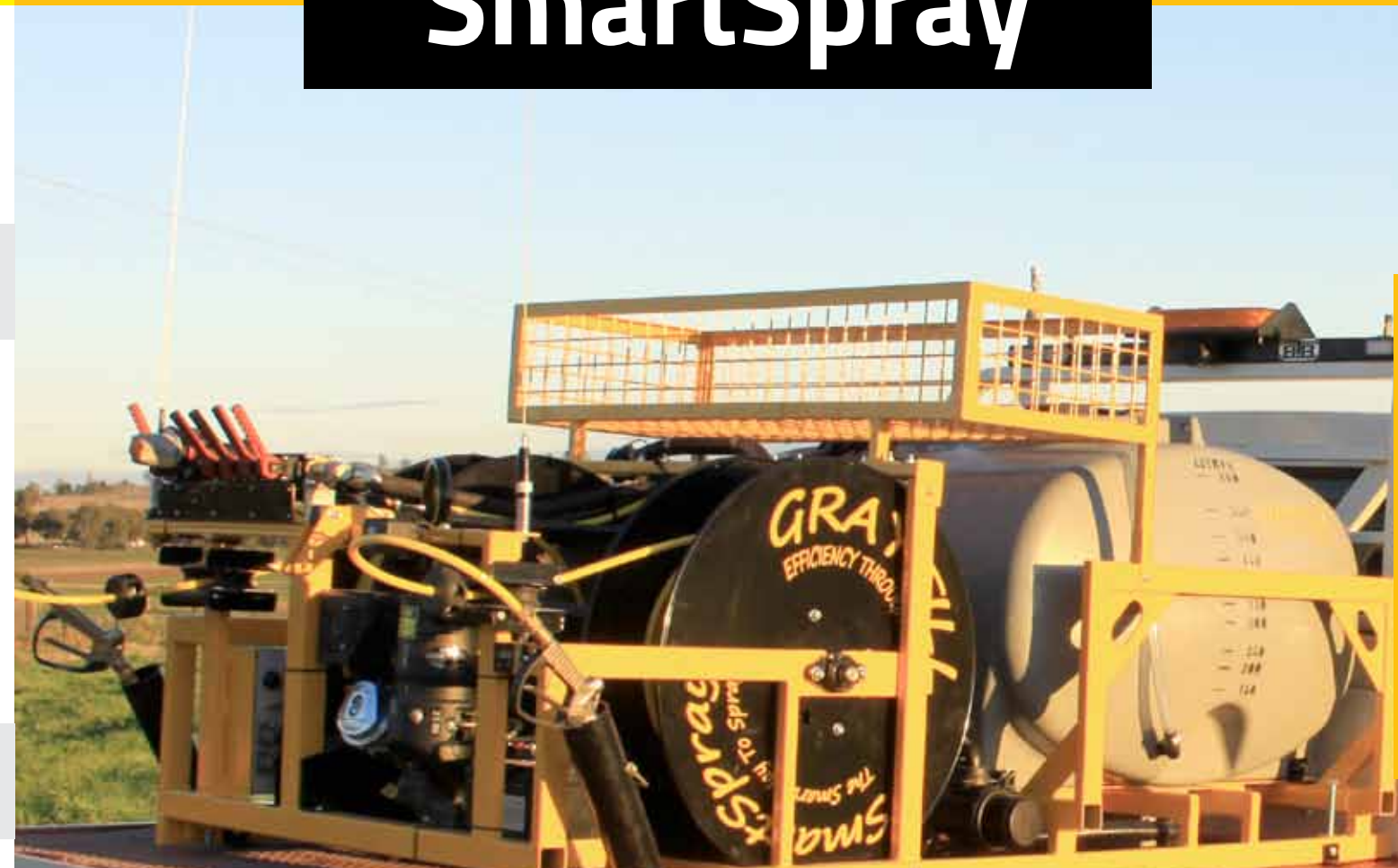
12m, 1000L SmartBoom with a manual reel, chemical and flush tanks and additional wing height adjustment.



18.5m Manual Fold Truck Mounted SmartBoom. Custom built to suit Isuzu 300 Truck.



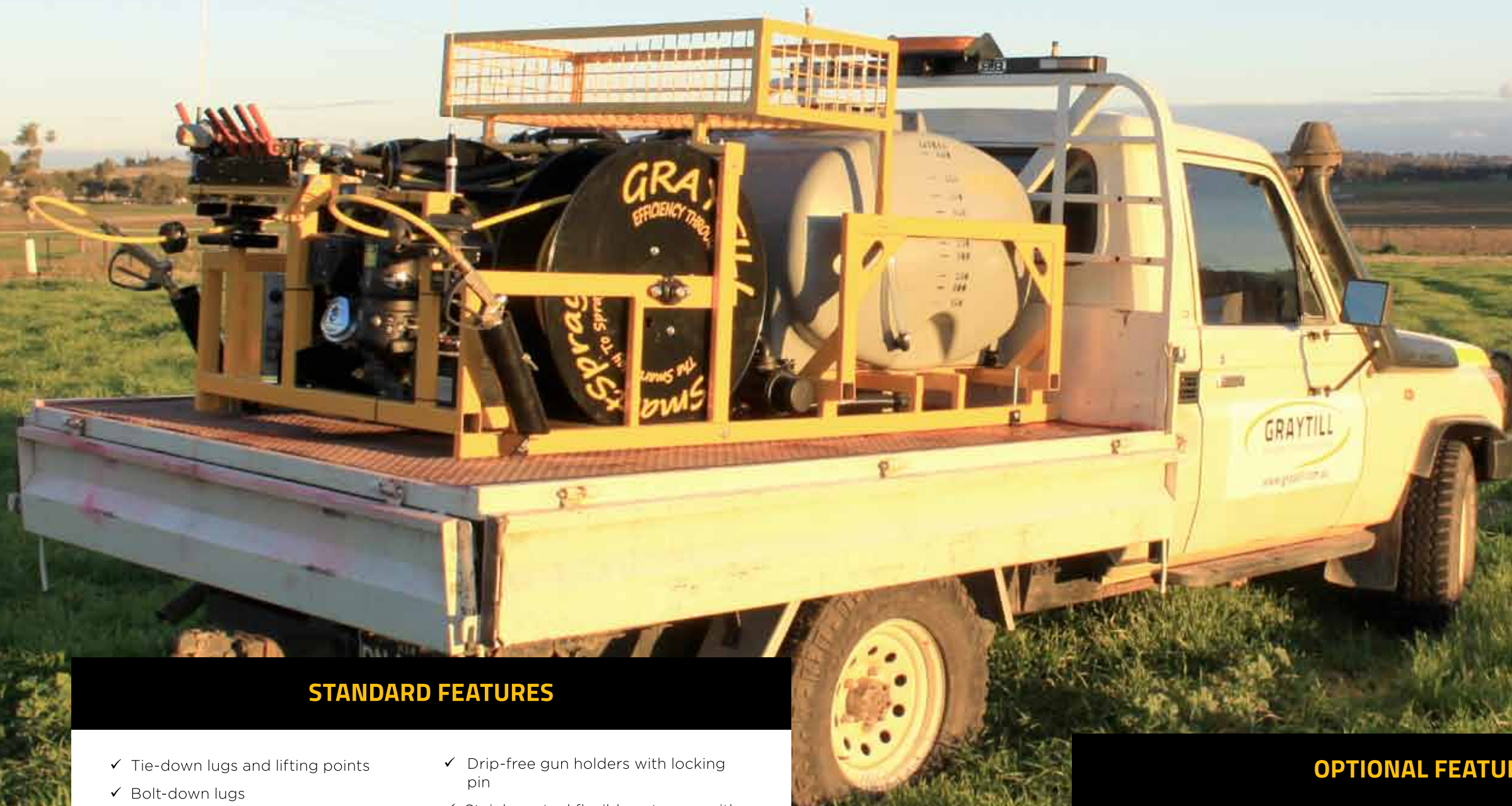
SmartSpray



SmartSpray – The Smarter Way to Spray.
SmartSpray sprayers are available in single cab ute, dual cab ute or trailed models with either single or twin reels.

- ✓ Fully welded and powder coated frame for maximum durability
- ✓ Single and twin reel versions
- ✓ Mechanically driven reels for maximum pulling power
- ✓ Tie-down and lifting points for true slip-on performance
- ✓ Bolt-on lugs for permanent mounting
- ✓ Jack stands
- ✓ Kohler engines and Bertolini pumps
- ✓ Boomless spray jet to cover larger areas quickly
- ✓ Large storage basket

Twin Reel SmartSpray



STANDARD FEATURES

- ✓ Tie-down lugs and lifting points
- ✓ Bolt-down lugs
- ✓ Jack stands
- ✓ Petrol container
- ✓ Turbo 400 adjustable spray gun
- ✓ 2 nozzle 6m-9m boomless spray jet with remote solenoid
- ✓ Drip-free gun holders with locking pin
- ✓ Stainless steel flexible antennas with springs
- ✓ Storage basket
- ✓ Venturi fill and floating filter with 7m hose
- ✓ Direct fill point for external pumps

OPTIONAL FEATURES

- ✓ Tank baffles
- ✓ Forklift slippers
- ✓ 35L wash tank
- ✓ Fire hose
- ✓ 7m-12m 3 nozzle boomless jet
- ✓ Large range of spray guns
- ✓ Diesel engine
- ✓ 7.5m or 10m SmartSpray Boom

Single Reel SmartSpray



STANDARD FEATURES

- ✓ Tie-down lugs and lifting points
- ✓ Bolt-down lugs
- ✓ Jack stands
- ✓ Petrol container
- ✓ Turbo 400 adjustable spray gun
- ✓ 2 nozzle 6m-9m boomless spray jet with remote solenoid
- ✓ Drip-free gun holders with locking pin
- ✓ Stainless steel flexible antennas with springs
- ✓ Storage basket
- ✓ Venturi fill and floating filter with 7m hose
- ✓ Direct fill point for external pumps

OPTIONAL FEATURES

- ✓ Tank baffles
- ✓ Forklift slippers
- ✓ 35L wash tank
- ✓ Fire hose
- ✓ 7m-12m 3 nozzle boomless jet
- ✓ Large range of spray guns
- ✓ Diesel engine
- ✓ 7.5m or 10m SmartSpray Boom

Dual Cab SmartSpray



STANDARD FEATURES

- ✓ Available in either twin or single reel configuration
- ✓ Tie-down lugs and lifting points
- ✓ Bolt-down lugs
- ✓ Jack stands
- ✓ Petrol container
- ✓ Turbo 400 adjustable spray gun
- ✓ 2 nozzle 6m-9m boomless spray jet with remote solenoid
- ✓ Drip-free gun holders with locking pin
- ✓ Stainless steel flexible antennas with springs
- ✓ Storage basket
- ✓ Venturi fill and floating filter with 7m hose
- ✓ Direct fill point for external pumps

OPTIONAL FEATURES

- ✓ Tank baffles
- ✓ Forklift slippers
- ✓ 35L wash tank
- ✓ Fire hose
- ✓ 7m-12m 3 nozzle boomless jet
- ✓ Large range of spray guns
- ✓ Diesel engine
- ✓ 7.5m or 10m SmartSpray Boom

Trailed SmartSpray



STANDARD FEATURES

- ✓ Available in either twin or single reel configuration
- ✓ 2 nozzle 6m-9m boomless spray jet with remote solenoid
- ✓ Petrol container
- ✓ Drip-free gun holders with locking pin
- ✓ Stainless steel flexible antennas with springs
- ✓ Storage basket
- ✓ Venturi fill and floating filter with 7m hose
- ✓ Direct fill point for external pumps
- ✓ Electric brakes
- ✓ 14" wheels on tandem axle
- ✓ High ground clearance
- ✓ Trailer lights

OPTIONAL FEATURES

- ✓ Tank baffles
- ✓ 35L wash tank
- ✓ Fire hose
- ✓ 3 nozzle 7m-12m boomless jet
- ✓ Large range of spray guns
- ✓ Diesel engine
- ✓ 7.5m or 10m SmartSpray Boom

SmartSpray Boom

STANDARD FEATURES

- ✓ Runs off boomless jet solenoid
- ✓ Manual folding wings
- ✓ Self levelling
- ✓ Winch operated height adjustment
- ✓ Air induction nozzles
- ✓ Shielded nozzles
- ✓ Stainless steel spray lines
- ✓ Suits all SmartSpray sprayers
- ✓ Easily adapted to suit other sprayers
- ✓ Ball bearing breakaways

OPTIONAL FEATURES

- ✓ Manual pressure controller with gauge
- ✓ Single section motorised control valve
- ✓ 3 section motorised control valve
- ✓ Auto rate control with GPS and auto section control
- ✓ GPS guidance
- ✓ Manual fenceline nozzles
- ✓ Electric fenceline nozzles
- ✓ Large range of nozzles available



Ute Mounted SmartBoom with Integrated SmartSpray

(twin or single reels)



STANDARD FEATURES

- ✓ Fully welded and power coated frame for maximum durability
- ✓ Mid mounted self levelling boom
- ✓ Nozzles shielded by boom to prevent damage
- ✓ Kohler engine mounted to Bertolini pump
- ✓ Jack stands for easy removal
- ✓ 2m transport width
- ✓ Electric boom lift with adjustable stops
- ✓ Mechanically driven reels for maximum pulling power
- ✓ Bolt-on lugs for permanent mounting
- ✓ Self lubricating pivots and slides
- ✓ Manual folding wings
- ✓ Ball bearing breakaways
- ✓ Auto-reset outer breakaways
- ✓ Low profile full sump tank
- ✓ 3 section plumbing
- ✓ ARAG Bravo 400S GPS with auto rate and section controller
- ✓ Air induction nozzles
- ✓ Stainless steel spray lines
- ✓ Electric fenceline nozzles
- ✓ Direct fill/Drain port
- ✓ Petrol container
- ✓ Battery
- ✓ Hour meter/Tachometer
- ✓ Agitator
- ✓ Turbo 400 adjustable spray gun
- ✓ Drip-free gun holders with locking pin
- ✓ Stainless steel flexible antennas with springs
- ✓ Venturi fill and floating filter with 7m hose
- ✓ Tank rinse nozzle

OPTIONAL FEATURES

- ✓ Manual pressure controller
- ✓ Seletron individual nozzle control
- ✓ 100L or 150L flush/hand wash tank
- ✓ Chemical induction probe
- ✓ Hydraulic wing tilt
- ✓ Hydraulic wing fold
- ✓ Tank baffles
- ✓ Fire hose
- ✓ Boomless jet
- ✓ Large range of spray guns
- ✓ Complete custom build

Custom SmartSpray



SmartSpray with custom 55L flush tank.



Twin Reel SmartSpray to suit dual cab tray with diesel engine, 10m SmartSpray Boom and triple nozzle boomless jet.



Twin Reel SmartSpray with fire hose.

300m Hydraulic Drive SmartSpray Reel with 12m boomless jet boom to suit existing sprayer.



12V Sprayers



**The cost effective, reliable spraying solution.
All 12V sprayers feature quality SEAFLO pumps with
Viton seals for maximum chemical resistance.**

- ✓ SEAFLO pumps with Viton Seals
- ✓ Large range of tank sizes available
- ✓ Heavy duty tanks
- ✓ Large range of pumps available

VersiVolt



STANDARD FEATURES

- ✓ Heavy duty tank
- ✓ Baffles integrated into tank
- ✓ Carry handles
- ✓ SEAFLO 12V chemical pump
- ✓ Sight glass
- ✓ Drain plug
- ✓ Integrated tie-down moulding
- ✓ Heavy gauge cable with inline fuse, battery terminals and quick release plugs

SPECIFICATIONS*

MODEL	V100	V200	V400	V800
Tank Size	100L	200L	400L	800L
Tank Dimensions	L: 830mm W: 520mm H: 450mm	L: 1160mm W: 580mm H: 540mm	L: 1490mm W: 760mm H: 630mm	L: 1740mm W: 1000mm H: 770mm
Pump - Standard	7LPM, 120psi		11.3LPM, 60psi	19LPM, 80psi
- Optional	7LPM, 120psi; 11.3LPM, 60psi; 19LPM,80psi			
Pressure Regulator	Optional		Standard	
Suction Filter	Standard			
Standard Hose	10mm x 6m		10mm x 20m	
Retractable Reel	Optional		Standard	
Spray Gun	Spray lance with adjustable nozzle		Hydra spray gun with adjustable fan	
Boomless Jet Kit	Optional			

* Specifications are subject to change

SEAFLO Sprayers

ATV SPRAYER

ATV Spot Sprayer 50L or 100L Capacity, 7.5LPM Pump, 120PSI

The SEAFLO 12 Volt ATV Sprayers are available in 50L and 100L capacity. These 12V ATV sprayers deliver constant flow, no pulsation and the highest pressure for distance spraying.



KNAPSACK SPRAYER

16L 12 Volt Rechargeable Knapsack Sprayer

The SEAFLO 16L 12V rechargeable knapsack sprayer features a large diameter lid, heavy duty spray lance with adjustable nozzle and in-built pressure filter. The rechargeable battery provides up to 4 hours of spraying.

Specifications

- ✓ 16L Capacity
- ✓ Pump - 2.6 LPM, 70psi
- ✓ Battery - 12V 4.5Ah
- ✓ Battery Charger - 14V 1A
- ✓ Hose - 1.2M
- ✓ Pressure Switch
- ✓ Charging Stand
- ✓ Trigger Lock
- ✓ Sprayer Lance
- ✓ Adjustable Single Nozzle
- ✓ Fan Nozzle
- ✓ Double Nozzle
- ✓ G.W - 6.6 KG
- ✓ L 330mm W 220mm H 550mm



Spare Parts

PUMPS

1. High Pressure Pumps

- PA530
 ✓ Three piston semi-hydraulic diaphragm pump - 40 bar, 54LPM
- PA330
 ✓ Three piston semi-hydraulic diaphragm pump - 40 bar, 34LPM



2. Low Pressure Pumps

- CP2073
 ✓ Three piston semi-hydraulic diaphragm pump - 15 bar, 75LPM
- CP2073 with Kohler 7hp Engine
 ✓ Three piston semi-hydraulic diaphragm pump - 15 bar, 75LPM



3. 12V Pumps

- ✓ 2.6 LPM, 70psi
- ✓ 4.5 LPM, 100psi
- ✓ 7 LPM, 120psi
- ✓ 11.3 LPM, 80psi
- ✓ 19 LPM, 60psi
- ✓ 26.5 LPM, 60psi

TANKS

We stock and supply a large range of tanks.



SmartBoom COMPONENTS

- ✓ Nozzles
- ✓ Nozzle Bodies
- ✓ Valves
- ✓ Filters
- ✓ Hose Fittings
- ✓ Boom Tube

SmartSpray COMPONENTS

- ✓ Boomless Jet
- ✓ Hose
- ✓ Hose Swivels
- ✓ Guns
- ✓ Hose Stoppers
- ✓ Hose Fittings
- ✓ Antennas
- ✓ Remotes
- ✓ Electrical Boxes
- ✓ Fire Hose

ELECTRICAL COMPONENTS

- ✓ Electrical Boxes
- ✓ GPS Units

MISCELLANEOUS

- ✓ Petrol Containers
- ✓ Graytill Hats

