

**2018-2019**

# Spraying Equipment Product Guide





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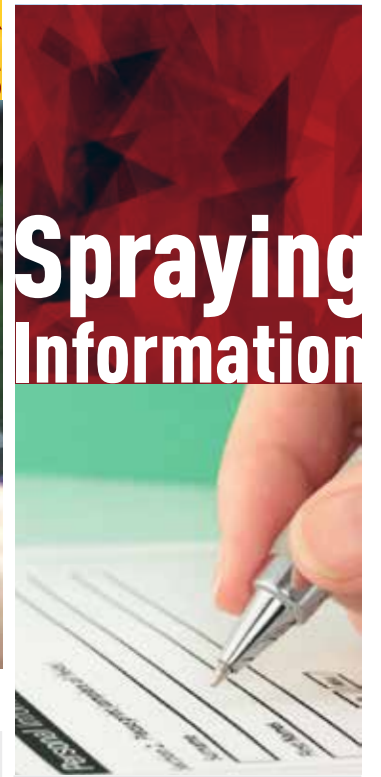


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## SILVAN

Silvan was founded in 1962 and is devoted to those connected to the land. A pioneer in the development and manufacture of agricultural machinery to meet the needs of Australasia's producers. Silvan combines strong innovative management with a comprehensive understanding of today's agribusiness.

Quality, Reliability and Innovation - These values determine the way Silvan operates and a commitment to the success of customers, partners, investors and employees. Silvan embraces change and growth, facing the challenges and opportunities of modern agriculture. More than 50 years later, Silvan are still leaders in the agricultural market with Silvan's "Big Red Tanks" a constant in the Australasian agricultural landscape.

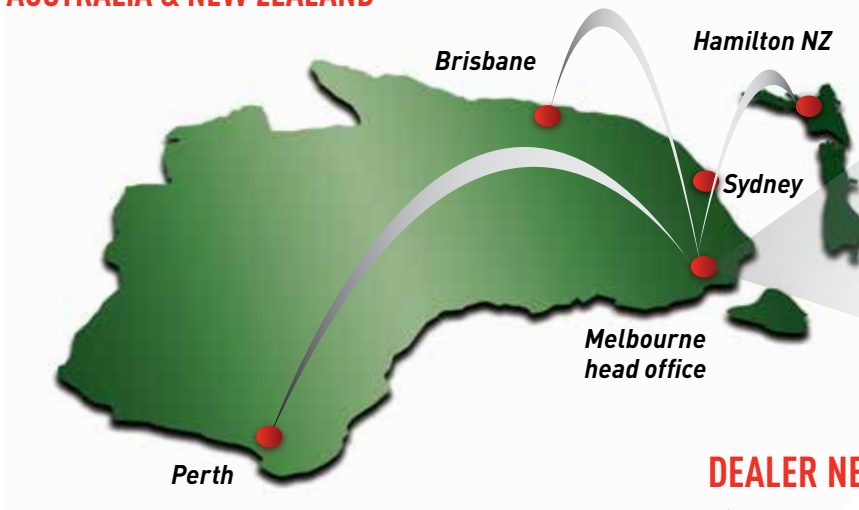
## SILVAN SPRAYERS

A leader in the design of high and low volume horticultural sprayers, Silvan has evolved into the largest Australasian manufacturer of world-class crop protection sprayers and related machinery. Specialised equipment has been developed for crops including vegetables, grapes, apples, pears, citrus, bananas, olives, sugar cane and turf.

## FARM MACHINERY

Silvan Australia's farm machinery range comprises a broad selection from the world's most prominent manufacturers including; Nobili mulchers, Breviglieri tillage equipment, Sitrex hayrakes and fertiliser spreaders. Silvan also manufactures high quality agricultural implements including rotary slashers, carryalls & post hole diggers.

## AUSTRALIA & NEW ZEALAND



## DEALER NETWORK

5 Silvan distribution centres with a national dealer network





*Silvan's range of Air Assist Sprayers have been developed to meet the needs of growers for greater efficiency, safety and spray performance.*

# Air Assist Sprayers





Designed for professional agricultural use in orchards and vineyards, Silvan's air assist sprayers are fitted with reliable and highly efficient air delivery systems.

The axial flow fan produces a high volume of air directed deep into the canopy while avoiding damage to fruit or blooms. Canopy penetration is not a question of air velocity, but being able to displace the air that is already in place, in and around the foliage.

Non-drip flip-over nozzles are accurately positioned within the airstream to direct the atomised spray into the canopy, creating an even and consistent droplet size.

This improved airstream penetrates to the heart of the canopy and reaching the highest parts of the tree. It provides excellent coverage of upper and lower leaf surfaces.

Single or two speed gearbox with neutral position for air volume adjustment.

Controls are simple and easy to calibrate.

Brass high pressure pumps fitted as standard on trailed units.

Hand wash tank.

Polytuff UV stabilised, impact resistant tank.

Galvanised chassis & frame for longer working life.

Wide range of wheels to suit application and soil conditions.

Trailed units available with single (fixed or suspension) axle or tandem suspension axle for increased stability.



The axial flow fan has been designed with curved blades to substantially increase performance while using less horsepower. Blade pitch can be easily adjusted to obtain the desired performance.





# Linkage Suntuff



Vineyards



Orchards



Pictured: 400L Suntuff

## MODEL SPECIFICATIONS

<b>PUMP</b>	Silvan oil-backed diaphragm type with nitrile diaphragms and corrosion resistant, cast anodised aluminium body. APS71: 67L/min. capacity 5000kPa pressure APS96: 88L/min. capacity 5000kPa pressure.	<b>TANK</b>	Polytuff, impact resistant, polyethylene construction with litre calibrations, non-spill screw-down lid.			
<b>FAN SIZE</b>	Axial flow type, fan with curved nylon reinforced blades, galvanised cowling and protective mesh cover. 600mm with 8 blades on 200L unit 700mm with 8 blades on 400L unit 800mm with 10 blades on 500L unit	<b>FRAME</b>	Galvanised steel, suit cat I & II linkage (200L cat I linkage only)			
<b>NOZZLES</b>	Flip-over type for dilute/concentrate spraying, ceramic jets, stainless steel swirl-plates. 200L unit: 10 nozzles (5 per side) twist on/off 400L unit: 12 flip over nozzles (6 per side) twist on/off 500L unit: 14 flip over nozzles (7 per side) twist on/off	<b>AGITATION</b>	200L: bypass, 400L / 500L: dual bypass			
<b>GEARBOX</b>	Single-speed with neutral position, oil-bath type.	<b>PRESSURE GAUGE</b>	Glycerine filled gauge, located on the control valve.			
<b>CONTROLS</b>	3 outlet with pressure regulator. 400/500L models standard with extra length hoses - for tractor control mount.	<b>FILTRATION</b>	Lid strainer, suction line strainer and stainless steel nozzle filters.			
		<b>PTO DRIVESHAFT</b>	Quality driveshaft with quick release pins & safety cover.			
		<b>HP REQUIRED</b>	200/400L: Minimum 25 PTO HP, 500L: Minimum 40 PTO HP.			
		<b>DIMENSIONS</b>	<b>L (MM)</b>	<b>W (MM)</b>	<b>H (MM)</b>	<b>KG (DRY)</b>
		<b>D026-71</b>	1070	1000	1060	90
		<b>D047-71</b>	1330	1190	1200	134
		<b>D058-96</b>	1400	1190	1325	140

## MODEL DESCRIPTION

MODEL DESCRIPTION	CODE
SUNTUFF 200L: APS71 Pump, 600mm fan	D026-71
SUNTUFF 400L: APS71 Pump, 700mm fan	D047-71
SUNTUFF 500L: APS96 Pump, 800mm fan	D058-96
SUNTUFF 500L: APS96 Pump, 800mm fan, electric controls	D058-96E

## DEALER FITMENT OPTIONS

DEALER FITMENT OPTIONS	FAN SIZE (MM)	CODE
One - sided conveyor	800	D99-99
Two - sided deflector	600	D99-98
Two - sided deflector	700	D99-92B
Two - sided conveyor	700	D99-177
Two - sided deflector	800	D99-100
Bottom air deflectors	600/700/800	D99-63

Note: Not all options will fit all models. Extra charges may apply to fitment of some options.



# Trailed Compact Supaflo 1000L



Vineyards



Orchards



Pictured: 1000L Compact Supaflo with two-sided conveyor

## MODEL SPECIFICATIONS

<b>PUMP</b>	Silvan oil-backed diaphragm type with nitrile diaphragms and corrosion resistant, cast anodised aluminium body with brass heads and manifold. IDS960:93L/min. capacity, 5000kPa pressure. IDS1401:135L/min. capacity, 5000kPa pressure.	<b>HAND WASH TANK</b>	15L fresh water hand wash tank.			
<b>FAN SIZE</b>	700mm axial flow type, 8 bladed fan with curved nylon reinforced blades and protective mesh cover.	<b>FRAME</b>	Galvanised steel with jockey wheel and adjustable drawbar.			
<b>NOZZLES</b>	Flip-over type for dilute/concentrate spraying. Ceramic HCC nozzles. 12 double sided nozzles (6 per side) twist on/off.	<b>AGITATION</b>	Pump bypass plus venturi agitator.			
<b>GEARBOX</b>	Single speed with neutral position, oil-bath type.	<b>PRESSURE GAUGE</b>	100mm, 0-60 bar glycerine filled gauge with bar increments.			
<b>CONTROLS</b>	40 Bar electric section valves, master valve, electric pressure regulator and in-cab controls.	<b>FILTRATION</b>	Lid strainer and suction line filter.			
<b>MAIN TANK</b>	Polytuff impact resistant polyethylene construction, calibrated sight line, flip-top easy open lid, 40mm drain valve.	<b>WHEEL EQUIPMENT</b>	50mm Duraflex axle. 2 x 15" tubeless tyres on painted rims (speed rating 30 km/h).			
<b>FLUSH TANK</b>	80L flush tank with top fill. Used to flush pump, filter, spray lines and nozzles.	<b>PTO DRIVESHAFT</b>	Quality driveshaft with quick release pins and safety cover.			
		<b>HP REQUIRED</b>	Minimum 40 PTO HP.			
		<b>DIMENSIONS</b>	<b>L (MM)</b>	<b>W (MM)</b>	<b>H (MM)</b>	<b>KG (DRY)</b>
		<b>AB11AF8R</b>	2860	1100	1500	300
			Length measured with drawbar in shortest position.			

## MODEL DESCRIPTION

SUPAFLO 1000L: IDS960 pump, 700mm fan & electric valve controls

## CODE

AB11AF8R

## FACTORY OPTIONS

IDS1401 pump, 135L/min. capacity, 5000kPa pressure

## CODE

Two-sided deflector

D99-179

Two-sided conveyor

D99-92B

Bottom air deflectors

D99-177

Wide axle (1400mm)

D99-63

Bravo 180S automatic rate controller

D99-178

D99-143

Extra charges may apply to fitment of some options.





# Oktopus Sprayer



Vineyards



Berries



Pictured: 2000L Oktopus

## MODEL SPECIFICATIONS

<b>PUMP</b>	Silvan oil-backed diaphragm type with nitrile diaphragms, corrosion resistant, cast anodised aluminium body. APS96: 88L/min. capacity, 5000kPa pressure APS121:115L/min capacity, 5000kPa pressure.			
<b>FAN SIZE</b>	450mm diameter turbine fan, 10 fishtail outlets.			
<b>NOZZLES</b>	Flip-over type for dilute/concentrate spraying with ceramic hollow cone nozzles and 10 nozzles (5 per side) twist on/off.			
<b>GEARBOX</b>	Two speed with neutral position, oil-bath type.			
<b>CONTROLS</b>	40 bar electric section valves, master valve, electric pressure regulator and in cab controls.			
<b>TANK</b>	Polytuff impact resistant polyethylene construction, calibrated sight line, non-spill lid. 40 litre fresh water tank fitted to 2000L unit.			
<b>FRAME</b>	500L: Galvanised steel, suit cat I & II linkage 2000L: Galvanised steel with jockey wheel & adjustable drawbar.			
<b>AGITATION</b>	500L: Dual bypass. 2000L: Pump bypass plus venturi agitator.			
<b>PRESSURE GAUGE</b>	100mm, 0-60 bar glycerine filled gauge with bar increments.			
<b>FILTRATION</b>	Lid strainer, suction line strainer and stainless steel nozzle filters.			
<b>2000L WHEEL EQUIPMENT</b>	Glideflex suspension axle, 2 x 15" tubeless tyres on galvanised rims (max speed rating 30 km/h).			
<b>PTO DRIVESHAFT</b>	Quality driveshaft with quick release pins and safety cover.			
<b>HP REQUIRED</b>	Minimum 50HP.			
<b>DIMENSIONS</b>	<b>L (MM)</b>	<b>W (MM)</b>	<b>H (MM)</b>	<b>KG (DRY)</b>
<b>D05SLV-96</b>	1400	1190	2500	140
<b>D20SLV-121EGL</b>	3750	1540	2500	640
Length measured with drawbar in shortest position.				

## MODEL DESCRIPTION

MODEL DESCRIPTION	CODE
OKTOPUS 500L LINKAGE: APS96 pump, Oktopus fan, electric valve controls	D05SLV-96
OKTOPUS 2000L TRAILED: APS121 pump, Oktopus fan, electric valve controls, Glideflex axle	D20SLV-121EGL

## FACTORY OPTIONS

FACTORY OPTIONS	CODE
Bravo 180S automatic rate controller	D99-143
Flotation tyres - 400/60 x 15.5" with fixed axle (in lieu of standard singles)	D99-80

Extra charges may apply to fitment of some options.



# Trailed Supaflo 2000L



Vineyards



Orchards



Pictured: 2000L Supaflo

FOR MORE  
INFORMATION  
ON THE RADAK  
CONVEYOR  
SEE PAGE 19



## MODEL SPECIFICATIONS

<b>PUMP</b>	Silvan oil-backed diaphragm type with nitrile diaphragms and corrosion resistant, cast anodised aluminium body with brass heads and manifold. IDS1701:161L/min. capacity, 5000kPa pressure.	<b>FRAME</b>	Galvanised steel with jockey wheel & adjustable drawbar.			
<b>FAN SIZE</b>	900mm axial flow type, 10 bladed fan with curved nylon reinforced blades, air straightening vanes and protective mesh cover. Powerhead & Radak fitted with 920mm axial flow type, 10 bladed fan, centrifugal clutch and protective mesh cover.	<b>AGITATION</b>	Pump bypass plus venturi agitator.			
<b>NOZZLES</b>	Flip-over type for dilute/concentrate spraying. Ceramic jets, stainless steel swirl-plates. 16 double sided nozzles (8 per side) twist on/off. The Powerhead has 24 double sided nozzles (12 per side) and the Radak has 32 (16 per side).	<b>PRESSURE GAUGE</b>	100mm, 0-60 bar glycerine filled gauge with bar increments.			
<b>GEARBOX</b>	2-speed with neutral position, oil-bath type.	<b>FILTRATION</b>	Lid strainer, suction line strainer & stainless steel nozzle filters.			
<b>CONTROLS</b>	40 bar electric section valves, master valve, electric pressure regulator and in cab controls.	<b>WHEEL EQUIPMENT</b>	Glideflex suspension axle, 2 x 15" tubeless tyres on galvanised rims (max speed rating 30 km/h).			
<b>TANK</b>	Polytuff impact resistant polyethylene construction, calibrated sight line, flip-top easy open lid, 40mm drain valve and built-in chemical mixer. 40L fresh water hand wash tank.	<b>PTO DRIVESHAFT</b>	Quality Bondioli & Pavesi driveshaft with quick release pins & safety cover.			
		<b>HP REQUIRED</b>	Minimum 60 PTO HP.			
		<b>DIMENSIONS</b>	<b>L (MM)</b>	<b>W (MM)</b>	<b>H (MM)</b>	<b>KG (DRY)</b>
		<b>DAB23AF8G</b>	3750	1540	1530	640
			Length measured with drawbar in shortest position.			

## MODEL DESCRIPTION

SUPAFLO 2000L: IDS1701 pump, 900mm fan, electric valve controls, wide angle shaft & Glideflex axle

## CODE

DAB23AF8G

## FACTORY OPTIONS

Powerhead Conveyor (in lieu of standard fan cowling)	D99-184
Radak Conveyor - Manual adjustment of top and bottom wings (In lieu of standard fan cowling)	D99-135
Hydraulic kit for Radak Conveyor (top wings)	D99-155B
SCRAM Jet (to suit Radak Conveyor)	D99-180
One sided conveyor	D99-41
Leaf guard (to suit Powerhead & Radak)	D99-175
Twin nozzle (includes extra nozzles)	D99-182
Two-sided poly vineyard conveyor	D99-111
Bravo 180S automatic rate controller	D99-143
Flotation tyres - 400/60 x 15.5" with fixed axle (in lieu of standard singles)	D99-80

Note: Not all options will fit all models. Extra charges may apply to fitting of some options. Fitting of Powerhead & Radak includes upgrade to 920mm fan and uprated gearbox





# Trailed Stiletto 2000L



Vineyards



Orchards



Pictured: 2000L Stiletto with optional flotation tyres

## MODEL SPECIFICATIONS

<b>PUMP</b>	Silvan oil-backed diaphragm type with nitrile diaphragms and corrosion resistant, cast anodised aluminium body with brass heads and manifolds. IDS1701: 161L/min. capacity 5000kPa pressure.	<b>FRAME</b>	Galvanised steel with jockey wheel & adjustable drawbar.			
	<b>FAN SIZE</b>	900mm axial flow type, 10 bladed fan with curved nylon reinforced blades, air straightening vanes and protective mesh cover.	<b>AGITATION</b>	Pump bypass plus venturi agitator.		
<b>NOZZLES</b>	Flip-over type for dilute/concentrate spraying. Ceramic jets, stainless steel swirl-plates, 16 nozzles with twist on/off.	<b>PRESSURE GAUGE</b>	100mm, 0-60 bar glycerine filled gauge with bar increments.			
<b>GEARBOX</b>	Oil-bath type, 2-speed with neutral position.	<b>FILTRATION</b>	Lid strainer, suction line strainer and stainless steel nozzle filters.			
<b>CONTROLS</b>	40 bar electric section valves, master valve, electric pressure regulator and in cab controls.	<b>WHEEL EQUIPMENT</b>	Glideflex suspension axle, 2 x 15" tubeless tyres on galvanised rims (max speed rating 30 km/h).			
<b>TANK</b>	Polytuff impact resistant polyethylene construction, calibrated sight line, easy open lid, 40mm drain valve and built-in 15L fresh water tank.	<b>PTO DRIVESHAFT</b>	Quality Bondioli & Pavesi driveshaft with quick release pins & safety cover.			
		<b>HP REQUIRED</b>	Minimum 60 PTO HP.			
		<b>DIMENSIONS</b>	<b>L (MM)</b>	<b>W (MM)</b>	<b>H (MM)</b>	<b>KG (DRY)</b>
		<b>DST23AF8G</b>	3800	1540	1500	640
		Length measured with drawbar in shortest position.				

MODEL DESCRIPTION	CODE
STILETTO 2000L: IDS1701 pump, 900mm fan, electric valve controls, Glideflex axle, wide angle shaft	DST23AF8G
STILETTO 2000L: IDS1701 pump, 900mm fan, Glideflex axle, wide angle shaft, Bravo 180S automatic rate controller	DST23AB8G
FACTORY OPTIONS	CODE
Twin nozzles (includes extra nozzles)	D99-182
Flotation tyres - 400/60 x 15.5" with fixed axle (in lieu of standard singles)	D99-80

Note: Not all options will fit all models. Extra charges may apply to fitment of some options.



# Trailed Stiletto Powerhead 2000L



FOR MORE  
INFORMATION ON  
THE LEAF GUARD  
SEE PAGE 22



Pictured: 2000L Stiletto Powerhead

## MODEL SPECIFICATIONS

<b>PUMP</b>	Silvan oil-backed diaphragm type with nitrile diaphragms and corrosion resistant, cast anodised aluminium body with brass heads and manifolds. IDS1701: 161L/min. capacity 5000kPa pressure.	<b>FRAME</b>	Galvanised steel with jockey wheel and adjustable drawbar.			
<b>FAN SIZE</b>	920mm axial flow type, 10 bladed fan with curved nylon reinforced blades, centrifugal clutch for soft engagement/disengagement and protective mesh cover.	<b>AGITATION</b>	Pump bypass plus venturi agitator.			
<b>NOZZLES</b>	24 flip-over nozzle bodies for dilute/concentrate spraying with on/off. 12 ceramic hollow cone nozzles per side and 12 ceramic jets with stainless steel swirl-plates per side.	<b>PRESSURE GAUGE</b>	100mm, 0-60 bar glycerine filled gauge with bar increments.			
<b>GEARBOX</b>	Oil-bath type, 2-speed with neutral position.	<b>FILTRATION</b>	Lid strainer, suction line strainer and stainless steel nozzle filters.			
<b>CONTROLS</b>	40 bar electric section valves, master valve, electric pressure adjustment and in cab control.	<b>WHEEL EQUIPMENT</b>	Glideflex suspension axle with 15" tubeless tyres on galvanised rims (max speed rating 30 km/h).			
<b>TANK</b>	Polytuff impact resistant polyethylene construction, calibrated sight line, easy open lid, 40mm drain valve, built-in 15L fresh water tank and chemical mixer.	<b>PTO DRIVESHAFT</b>	Quality Bondioli & Pavesi constant velocity driveshaft with quick release pins & safety cover.			
		<b>HP REQUIRED</b>	Minimum 70 PTO HP.			
		<b>DIMENSIONS</b>	<b>L (MM)</b>	<b>W (MM)</b>	<b>H (MM)</b>	<b>KG (DRY)</b>
		<b>DST23PF8G</b>	4100	1700	1500	680
			Length measured with drawbar in shortest position.			

MODEL DESCRIPTION	CODE
STILETTO 2000L: IDS1701 pump, 920mm Powerhead fan, electric valve controls, Glideflex axle, wide angle shaft	DST23PF8G
STILETTO 2000L: IDS1701 pump, 920mm Powerhead fan, Glideflex axle, wide angle shaft, Bravo 180S automatic rate controller	DST23PB8G
FACTORY OPTIONS	CODE
Leaf guard (to suit Powerhead)	D99-175
Twin nozzles (includes extra nozzles)	D99-182
Flotation tyres - 400/60 x 15.5" with fixed axle (in lieu of standard singles)	D99-80
Note: Not all options will fit all models. Extra charges may apply to fitment of some options.	





# Trailed 3000L Orchard Sprayer

FOR MORE  
INFORMATION ON  
TWIN NOZZLES  
SEE PAGE 22



Orchards



Pictured: 3000L unit with Radak conveyor and optional leaf guard

## MODEL SPECIFICATIONS

<b>PUMP</b>	Silvan oil-backed diaphragm type with nitrile diaphragms and corrosion resistant, cast aluminium body with brass heads and manifolds. IDS2001: 182L/min. capacity 5000kPa pressure.	<b>HAND WASH TANK</b>	55L polytuff tank with top fill.			
<b>FAN SIZE</b>	920mm axial flow type, 10 bladed fan with curved nylon reinforced blades, centrifugal clutch for soft engagement/disengagement and protective mesh cover.	<b>CHEMICAL INDUCTION</b>	Venturi suction probe.			
<b>NOZZLES</b>	24 flip-over nozzle bodies for dilute/concentrate spraying with on/off. 12 ceramic hollow cone nozzles per side and 12 ceramic jets with stainless steel swirl-plates per side. (16 per side with Radak conveyor).	<b>FRAME</b>	Galvanised steel, heavy duty stand & adjustable drawbar.			
<b>GEARBOX</b>	2-speed with neutral position, oil-bath type.	<b>AGITATION</b>	Pump bypass plus venturi agitator.			
<b>CONTROLS</b>	40 Bar electric section valves with master valve, electric pressure regulator and in cab controls.	<b>PRESSURE GAUGE</b>	Glycerine filled gauge located on valve bank.			
<b>MAIN TANK</b>	3400L polytuff impact resistant polyethylene construction, calibrated sightline, flip top lid, 50mm camlock bottom fill.	<b>FILTRATION</b>	Suction line filter, pressure filter, nozzle cup strainers.			
<b>FLUSH TANK</b>	205L polytuff tank with top fill. Used to flush pump, filter, spray lines and nozzles.	<b>WHEEL EQUIPMENT</b>	Glideflex axle with 16" implement tyres (speed rating 30km/h).			
		<b>PTO DRIVESHAFT</b>	Quality Bondioli & Pavesi constant velocity driveshaft with quick release pins & safety cover.			
		<b>HP REQUIRED</b>	Minimum 80 PTO HP.			
		<b>DIMENSIONS</b>	<b>L (MM)</b>	<b>W (MM)</b>	<b>H (MM)</b>	<b>KG (DRY)</b>
		<b>AB64PF7G</b>	3995	1755	1800	1000 (approx)
			Length measured with drawbar in shortest position.			

## MODEL DESCRIPTION

	CODE
SUPAFLO 3000L: IDS2001 pump, 920mm Powerhead fan, electric valve controls, Glideflex axle	AB64PF7G
SUPAFLO 3000L: IDS2001 pump, 920mm Radak fan, electric valve controls, Glideflex axle	AB64RF7G

## FACTORY OPTIONS

	CODE
Hydraulic kit for Radak Conveyor (top wings)	D99-155B
SCRAM Jet (to suit Radak conveyor)	D99-180
Leaf guard (to suit Powerhead & Radak)	D99-175
Twin nozzles (includes extra nozzles)	D99-182
Bravo 180S automatic rate controller	D99-143
BKT flotation tyres - 558-400/55 - 22.5 (in lieu of standard singles)	D99-79
IDS2600 pump, 249L/min. capacity, 5000kPa pressure	D99-149

Note: Not all options will fit all models. Extra charges may apply to fitment of some options.





# Trailed Supaflo 3500L



Pictured: 3500L Supaflo with optional Powerhead conveyor

## MODEL SPECIFICATIONS

<b>PUMP</b>	Silvan oil-backed diaphragm type with nitrile diaphragms and corrosion resistant, anodised cast aluminium body with brass heads and manifolds. IDS1701: 161L/min. capacity, 5000kPa pressure. IDS2600: 249L/min. capacity, 5000kPa pressure.	<b>FRAME</b>	Galvanised steel with jockey wheel and adjustable drawbar.			
<b>FAN SIZE</b>	900mm axial flow type, 10 bladed fan with curved nylon reinforced blades with air straightening vanes and protective mesh cover. Powerhead and Radak fitted with 920mm axial flow type, 10 bladed fan, centrifugal clutch and protective mesh cover.	<b>AGITATION</b>	Pump bypass plus venturi agitator.			
<b>NOZZLES</b>	Flip-over type for dilute/concentrate spraying. Ceramic jets, stainless steel swirl-plates. 16 double sided nozzles (8 per side) twist on/off. The Powerhead has 24 double sided nozzles (12 per side) and the Radak has 32 (16 per side).	<b>PRESSURE GAUGE</b>	Glycerine filled gauge located on valve bank.			
<b>GEARBOX</b>	2-speed with neutral position, oil-bath type.	<b>FILTRATION</b>	Lid strainer, suction line filter and nozzle cup strainers.			
<b>CONTROLS</b>	40 Bar electric section valves with master valve, electric pressure regulator and in cab controls.	<b>WHEEL EQUIPMENT</b>	Glideflex suspension axle fitted with 16" tyres and galvanised rims (speed rating 30km/h).			
<b>TANK</b>	Polytuff impact resistant polyethylene construction, calibrated sight line, built-in chemical mixer and 40L fresh water hand wash tank.	<b>PTO DRIVESHAFT</b>	Quality Bondioli & Pavesi constant velocity driveshaft with quick release pins & safety cover.			
		<b>HP REQUIRED</b>	Minimum 80 PTO HP.			
		<b>DIMENSIONS</b>	<b>L (MM)</b>	<b>W (MM)</b>	<b>H (MM)</b>	<b>KG (DRY)</b>
		<b>DAB33AF7G</b>	4755	1830	1800	800
			Length measured with drawbar in shortest position.			

MODEL DESCRIPTION	CODE
SUPAFLO 3500L: IDS1701 pump, 900mm fan, electric valve controls, Glideflex axle	DAB33AF7G
SUPAFLO 3500L: IDS2600 pump, 900mm fan, electric valve controls, Glideflex axle	DAB36AF7G
FACTORY OPTIONS	CODE
Powerhead Conveyor (in lieu of standard fan cowling)	D99-184
Radak Conveyor - Manual adjustment of top and bottom wings (In lieu of standard fan cowling)	D99-135
SCRAM Jet (to suit Radak conveyor)	D99-180
Hydraulic kit for Radak Conveyor (top wings)	D99-155B
Leaf guard (to suit Powerhead & Radak)	D99-175
Two-sided poly vineyard conveyor	D99-111
Twin nozzles (includes extra nozzles)	D99-182
Bravo 180S automatic rate controller	D99-143
BKT flotation tyres 558-400/55 - 22.5 (in lieu of standard singles)	D99-79
Tandem suspension axle with 10 x 15" wheels	D99-75

Note: Not all options will fit all models. Extra charges may apply to fitment of some options. Fitment of Powerhead & Radak includes upgrade to 920mm fan & uprated gearbox





# Trailed G2E 4000L



Orchards



Pictured: 4000L G2E with Radak

## MODEL SPECIFICATIONS

<b>PUMP</b>	Silvan oil-backed diaphragm type with nitrile diaphragms and corrosion resistant, cast aluminium body with brass heads & manifolds. IDS1701:161L/min. capacity, 5000kPa pressure.	<b>CHEMICAL INDUCTION</b>	Venturi suction probe.			
<b>FAN SIZE</b>	920mm axial flow type, 10 bladed fan with curved nylon reinforced blades, centrifugal clutch for soft engagement/disengagement and protective mesh cover.	<b>FRAME</b>	Galvanised steel, heavy duty stand & adjustable drawbar.			
<b>NOZZLES</b>	24 flip-over nozzle bodies for dilute/concentrate spraying with on/off. 12 Ceramic hollow cone nozzles per side and 12 ceramic jets with stainless steel swirl plates per side. (16 per side with the Radak conveyor).	<b>AGITATION</b>	Pump bypass plus venturi agitator.			
<b>GEARBOX</b>	2-speed with neutral position, oil-bath type.	<b>PRESSURE GAUGE</b>	Glycerine filled gauge located on valve bank.			
<b>CONTROLS</b>	40 Bar electric section valves with master valve, electric pressure regulator and in cab controls.	<b>FILTRATION</b>	Suction line filter, pressure filter, nozzle cup strainers.			
<b>MAIN TANK</b>	Polytuff impact resistant polyethylene construction with calibrated sight line. 50mm Camlock top & bottom fill.	<b>WHEEL EQUIPMENT</b>	Glideflex axle with 13.0/65 - 18" implement tyres (speed rating 30km/h).			
<b>HAND WASH TANK</b>	15L polytuff tank filled through cap. Located next to bottom fill.	<b>PTO DRIVESHAFT</b>	Quality Bondioli & Pavesi constant velocity driveshaft with quick release pins & safety cover.			
		<b>HP REQUIRED</b>	Minimum 80 PTO HP.			
		<b>DIMENSIONS</b>	<b>L (MM)</b>	<b>W (MM)</b>	<b>H (MM)</b>	<b>KG (DRY)</b>
		<b>EAB43PF2G</b>	5050	1880	2020	1220
			Length measured with drawbar in shortest position.			

## MODEL DESCRIPTION

MODEL DESCRIPTION	CODE
SUPAFLO G2E 4000L: IDS1701 pump, 920mm Powerhead fan, electric valve controls, Glideflex axle	EAB43PF2G
SUPAFLO G2E 4000L: IDS1701 pump, 920mm Radak fan, electric valve controls, Glideflex axle	EAB43RF2G

## FACTORY OPTIONS

FACTORY OPTIONS	CODE
Hydraulic kit for Radak Conveyor (top wings)	D99-155B
SCRAM Jet (to suit Radak conveyor)	D99-180
AVO Jet (to suit Radak conveyor)	D99-187
Leaf guard (to suit Powerhead & Radak)	D99-176
Twin nozzles (includes extra nozzles)	D99-182
Bravo 180S automatic rate controller	D99-143
Tandem suspension axle with 11.5/80 - 15.3 tyres	D99-78
BKT flotation tyres - 558-400/55 - 22.5 (in lieu of singles)	D99-79
IDS2001 pump, 182L/min. capacity, 5000kPa pressure	D99-148
IDS2600 pump, 249L/min. capacity, 5000kPa pressure.	D99-149

Note: Not all options will fit all models. Extra charges may apply to fitment of some options.



# Trailed G2 Supaflo 4000L



Pictured: 4000L G2 Supaflo with Radak

## MODEL SPECIFICATIONS

<b>PUMP</b>	Silvan oil-backed diaphragm type with nitrile diaphragms and corrosion resistant, cast aluminium body with brass heads and manifolds. IDS1701:161L/min. capacity, 5000kPa pressure.	<b>HAND WASH TANK</b>	60L polytuff tank filled through cap. Tap located next to chemical mixer hopper.			
	<b>FAN SIZE</b>	920mm axial flow type, 10 bladed fan with curved nylon reinforced blades, centrifugal clutch for soft engagement/disengagement and protective mesh cover.	<b>MIXER TANK</b>	Chemical mixer hopper with tap controls for rinse, transfer and main tank rinse. Venturi transfer back to main tank.		
<b>FRAME</b>			Galvanised steel, heavy duty stand & adjustable drawbar.			
<b>NOZZLES</b>	24 flip-over nozzle bodies for dilute/concentrate spraying with on/off. 12 Ceramic hollow cone nozzles per side and 12 ceramic jets with stainless steel swirl plates per side. (16 per side with the Radak conveyor).	<b>AGITATION</b>	Pump bypass plus venturi agitator.			
<b>GEARBOX</b>	2-speed with neutral position, oil-bath type.	<b>PRESSURE GAUGE</b>	Glycerine filled gauge located on valve bank.			
<b>CONTROLS</b>	40 Bar electric section valves with master valve, electric pressure regulator and in cab controls.	<b>FILTRATION</b>	Suction line filter, pressure filter, nozzle cup strainers.			
<b>MAIN TANK</b>	Polytuff impact resistant polyethylene construction with calibrated sight line. 50mm Camlock top & bottom fill.	<b>WHEEL EQUIPMENT</b>	Glideflex axle with 13.0/65 - 18" implement tyres (speed rating 30km/h).			
<b>FLUSH TANK</b>	330L polytuff tank with top fill. Used to flush pump, filter, spray lines and nozzles.	<b>PTO DRIVESHAFT</b>	Quality Bondioli & Pavesi constant velocity driveshaft with quick release pins & safety cover.			
		<b>HP REQUIRED</b>	Minimum 80 PTO HP.			
		<b>DIMENSIONS</b>	<b>L (MM)</b>	<b>W (MM)</b>	<b>H (MM)</b>	<b>KG (DRY)</b>
		<b>AB43PE2G</b>	5550	1880	2020	1400
			Length measured with drawbar in shortest position.			

## MODEL DESCRIPTION

SUPAFLO G2 4000L: IDS1701 pump, 920mm Powerhead fan, electric valve controls, Glideflex axle	AB43PE2G
SUPAFLO G2 4000L: IDS1701 pump, 920mm Radak fan, electric valve controls, Glideflex axle	AB43RE2G

## FACTORY OPTIONS

	CODE
Hydraulic kit for Radak Conveyor (top wings)	D99-155B
SCRAM Jet (to suit Radak conveyor)	D99-180
AVO Jet (to suit Radak conveyor)	D99-187
Leaf guard (to suit Powerhead & Radak)	D99-176
Twin nozzles (includes extra nozzles)	D99-182
Bravo 180S automatic rate controller	D99-143
Tandem suspension axle with 11.5/80 - 15.3 tyres	D99-78
BKT flotation tyres - 558-400/55 - 22.5 (in lieu of singles)	D99-79
IDS2001 pump, 182L/min. capacity, 5000kPa pressure.	D99-148
IDS2600 pump, 249L/min. capacity, 5000kPa pressure.	D99-149

Note: Not all options will fit all models. Extra charges may apply to fitment of some options.



# Silvan Cannon Jet Sprayer



Flowers



Greenhouse



Vegetables



## MODEL SPECIFICATIONS

<b>PUMP</b>	Silvan oil-backed diaphragm type with nitrile diaphragms, corrosion resistant, cast anodised aluminium body. APS96: 88L/min. capacity, 5000kPa pressure IDS1701: 161L/min capacity, 5000kPa pressure.	<b>AGITATION</b>	500L: Dual bypass 2000L: Pump bypass plus venturi agitator.			
<b>FAN SIZE</b>	450mm diameter twin turbine fan with galvanised frame and spray head. Hydraulic angle adjustment and manual top wing adjustment.	<b>PRESSURE GAUGE</b>	100mm, 0-60 bar glycerine filled gauge with bar increments.			
<b>NOZZLES</b>	Flip-over type with ceramic hollow cone nozzles. 9 nozzles (6 in cannon head, 3 in side of cannon) with twist on/off.	<b>FILTRATION</b>	Lid strainer, suction line strainer and stainless steel nozzle filters.			
<b>GEARBOX</b>	Two speed with neutral position, oil-bath type.	<b>2000L WHEEL EQUIPMENT</b>	Glideflex suspension axle, 2 x 15" tubeless tyres on galvanised rims (max speed rating 30 km/h).			
<b>CONTROLS</b>	40 bar electric section valves, master valve, electric pressure regulator and in cab controls.	<b>PTO DRIVESHAFT</b>	Quality driveshaft with quick release pins and safety cover.			
<b>TANK</b>	Polytuff impact resistant polyethylene construction, calibrated sight line, non-spill lid. 40 litre fresh water tank fitted to 2000L unit.	<b>HP REQUIRED</b>	Minimum 75HP.			
<b>FRAME</b>	500L: Galvanised steel, suit cat I & II linkage 2000L: Galvanised steel with jockey wheel & adjustable drawbar.	<b>DIMENSIONS</b>	<b>L (MM)</b>	<b>W (MM)</b>	<b>H (MM)</b>	<b>KG (DRY)</b>
		<b>D05JET-96</b>	1400	1190	2500	140
		<b>D20JET-121GL</b>	3750	1540	2500	640
		Length measured with drawbar in shortest position.				

## MODEL DESCRIPTION

CANNON JET 500L LINKAGE: APS96 pump, Cannon jet fan, electric valve controls

CANNON JET 2000L TRAILED: IDS1701 pump, Cannon jet fan, electric valve controls, Glideflex axle

## FACTORY OPTIONS

Bravo 180S automatic rate controller

Extra charges may apply to fitment of some options.

## CODE

D05JET-96

D20JET-1701GL

## CODE

D99-143





# Powerhead Conveyor

# SCRAM Jet/AVO Jet



Pictured: SCRAM Jet

The Powerhead is a revolutionary and efficient air conveyor that produces an adjustable spray-laden air stream to match the shape and height of the canopy. Ideal for spraying apples, pears, almonds and stone fruit trees with lower canopies.

- Internal vanes to direct the airstream into the canopy which also helps maximise the fan's output
- Small top wings to direct air into the upper canopy
- Lower wings to direct airflow from underneath, opening up the canopy for greater spray penetration
- Stainless steel spraylines with 12 flip over nozzles each side

MODEL SPECIFICATIONS	
CONVEYOR	Aluminium construction, double-sided conveyor. Top sections are manually adjustable for tree height, bottom wings adjustable for covering lower branches. Patented Air Volute delivery system.
NOZZLES	Flip-over type for dilute/concentrate spraying. Ceramic hollow cone jets with 24 twist on/off nozzles (12 per side).
SUITED ROW WIDTH	Up to 6 metres.
SUITED TREE HEIGHT	Up to 5 metres.



Utilising a turbine fan hydraulically driven from the tractor remotes the auxiliary fan unit is positioned above the top wings of the Radak conveyor. The high velocity air stream produced by the fan is directed into the tree canopy to add extra coverage to that obtained by the Radak conveyor.

The SCRAM Jet has two nozzles in each adjustable chute can be fitted with solid cone jets or adjustable cannons to produce large droplets from the turbine fan into the tallest canopy. The AVO Jet has four nozzles per side assisted by five air outlets mounted to a hydraulically controlled frame which can be lowered for road transport. AVO Jet is available on 4000L sprayer only.



Pictured: AVO Jet

Note: Hydraulic return line not supplied with quick connect coupling - recommend connecting directly to tractor return.

MODEL SPECIFICATIONS	
FAN	320mm turbine fan hydraulically driven from tractor remotes. Hydraulic motor opposite to air intake with adjustable flow valve and case drain for return oil flow. Fitted with 12V oil cooler. Required hydraulic oil flow: 60L/min at 80 Bar pressure
CONVEYOR	SCRAM Jet: Adjustable aluminium double sided vanes. AVO Jet: Adjustable double sided air outlets.
NOZZLES	SCRAM Jet: Flip-over type (for dilute/concentrate spraying) or adjustable cannons (2 per side). AVO Jet: Adjustable cannons (4 per side).
SUITED TREE HEIGHT	SCRAM JET: Up to 12 metres (when fitted with Radak). AVO JET: Up to 15 metres (when fitted with Radak).



# Radak Conveyor



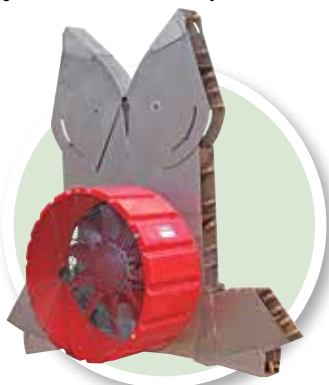
Growers with taller crop canopies prefer the Radak® conveyor which comes in three options to suit different canopy shapes and sizes.

The patented air volute design maximises the use of the airflow generated by the 920mm fan, the Radak ensures thorough coverage of the targeted canopy by directing airflow into the foliage from underneath via the bottom wings. The venturi effect opens up the tree canopy to aid spray penetration and coverage.

Ideal for tall tree crops throughout Australia such as macadamias, avocados, mangoes, olives, citrus and lychees.

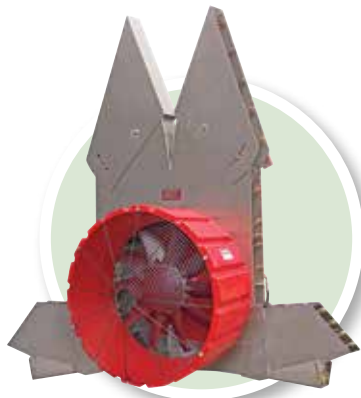
## MODEL SPECIFICATIONS

CONVEYOR	Aluminium construction, double-sided conveyor. Top sections via manual or hydraulic operation adjustable for tree height, bottom wings lift for transport. Patented Air Volute delivery system.
NOZZLES	Flip-over type for dilute/concentrate spraying. Ceramic hollow cone jets with 32 twist on/off nozzles (16 per side).



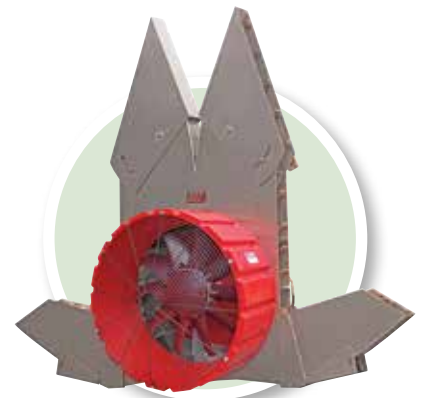
### STANDARD RADAK

Code: D99-135  
Row width: Up to 8m  
Tree height: Up to 8m



### TALL TOP RADAK- STD BOTTOM WINGS

Code: D99-135T  
Row width: Up to 8m  
Tree height: Up to 10m



### TALL TOP RADAK- WIDE BOTTOM WINGS

Code: D99-135TW  
Row width: Up to 10m  
Tree height: Up to 10m

# High Pressure Diaphragm Pumps

## APS SERIES

All Silvan APS series high pressure diaphragm pumps are built for 540 RPM operation, are self-priming and feature a corrosion resistant cast anodised aluminium body. Tough and reliable they will run dry without risk of damage. All pumps are supplied with appropriate hose connections, mounting base plates and 1 3/8" six splined shaft.

### APS71

- Diaphragms: 3
- Output @ 540 RPM: 67 L/min
- Max. pressures (kPa/psi): 5000/725
- Shaft: Male – Female or Male – Male
- HP required at max. pressure: 9.1
- L x W x H (mm): 238 x 343 x 289
- Weight (kg): 18.4



### APS145

- Diaphragms: 4
- Output @ 540 RPM: 142 L/min
- Max. pressures (kPa/psi): 5000/725
- Shaft: Male – Male
- HP required at max. pressure: 18
- L x W x H (mm): 342 x 380 x 420
- Weight (kg): 46



### APS96

- Diaphragms: 4
- Output @ 540 RPM: 88 L/min
- Max. pressures (kPa/psi): 5000/725
- Shaft: Male – Female or Male – Male
- HP required at max. pressure: 11.7
- L x W x H (mm): 236 x 345 x 340
- Weight (kg): 22.5



### APS166

- Diaphragms: 5
- Output @ 540 RPM: 163 L/min
- Max. pressures (kPa/psi): 5000/725
- Shaft: Male – Male
- HP required at max. pressure: 20.5
- L x W x H (mm): 370 x 389 x 420
- Weight (kg): 56



### APS121

- Diaphragms: 3
- Output @ 540 RPM: 115 L/min
- Max. pressures (kPa/psi): 5000/725
- Shaft: Male – Male
- HP required at max. pressure: 14.5
- L x W x H (mm): 329 x 387 x 356
- Weight (kg): 38



### BRASS MANUAL CONTROL VALVE BRA-17020623



## MODEL SPECIFICATIONS

PUMP	L/MIN @ MAX PRESSURE	MAX PRESSURE (kPa)	KG	SHAFT	CODE
APS71	67	5000	18.4	Male - Female	CAPS071
APS71	67	5000	18.4	Male - Male	CAPS071S
APS96	88	5000	22.5	Male - Female	CAPS096MF
APS96	88	5000	22.5	Male - Male	CAPS096
APS121	115	5000	38.0	Male - Male	CAPS121
APS145	142	5000	46.0	Male - Male	CAPS145
APS166	163	5000	56.0	Male - Male	CAPS166
BRASS MANUAL CONTROL VALVE	Suitable for APS series, IDS1701 pumps				BRA-17020623



# High Pressure Diaphragm Pumps

## IDS SERIES

All Silvan IDS series high pressure diaphragm pumps are built for 540 RPM operation, are self-priming & feature a corrosion resistant cast anodised aluminium body with brass heads and manifold. Tough and reliable they will run dry without risk of damage. All pumps are supplied with appropriate hose connections, mounting base plates and 1 3/8" six splined shaft.

### IDS960

- Diaphragms: 4
- Output @ 540 RPM: 93 L/min
- Max. pressures (kPa/psi): 5000/725
- Shaft: Male – Male
- HP required at max. pressure: 11.5
- L x W x H (mm): 268 x 350 x 334
- Weight (kg): 30.3

### IDS1401

- Diaphragms: 3
- Output @ 540 RPM: 135 L/min
- Max. pressures (kPa/psi): 5000/725
- Shaft: Male – Male
- HP required at max. pressure: 16.6
- L x W x H (mm): 298 x 404 x 396
- Weight (kg): 45

IDS960 / IDS1401



### IDS1701

- Diaphragms: 4
- Output @ 540 RPM: 161 L/min
- Max. pressures (kPa/psi): 5000/725
- Shaft: Male – Male
- HP required at max. pressure: 19.9
- L x W x H (mm): 298 x 499 x 396
- Weight (kg): 60

### IDS2001

- Diaphragms: 4
- Output @ 540 RPM: 182 L/min
- Max. pressures (kPa/psi): 5000/725
- Shaft: Male – Male
- HP required at max. pressure: 22.4
- L x W x H (mm): 298 x 499 x 369
- Weight (kg): 60

IDS1701 / IDS2001



### IDS2200

- Diaphragms: 6
- Output @ 540 RPM: 208 L/min
- Max. pressures (kPa/psi): 5000/725
- Shaft: Male – Male
- HP required at max. pressure: 26.2
- L x W x H (mm): 357 x 463 x 500
- Weight (kg): 76

### IDS2600

- Diaphragms: 6
- Output @ 540 RPM: 249 L/min
- Max. pressures (kPa/psi): 5000/725
- Shaft: Male – Male
- HP required at max. pressure: 32.1
- L x W x H (mm): 357 x 463 x 500
- Weight (kg): 76

IDS2200 / IDS2600



## MODEL SPECIFICATIONS

PUMP	L/MIN @50 BAR MAX PRESSURE	MAX PRESSURE (kPa)	KG	SHAFT	CODE
IDS960	93	5000	30.3	Male - Male	CDS960
IDS1401	135	5000	45.0	Male - Male	CDS1401
IDS1701	161	5000	60.0	Male - Male	CDS1701
IDS2001	182	5000	60.0	Male - Male	CDS2001
IDS2200	208	5000	76.0	Male - Male	CDS2200-1
IDS2600	249	5000	76.0	Male - Male	CDS2600-1

# Sprayer Options



## DOUBLE SIDED VINEYARD CONVEYOR

The double sided vineyard conveyor is designed to maximise the air output of the 900mm axial flow fan when spraying a vertical canopy such as vines or trellis grown tree crops. There is no air lost from the top of the fan as it is all directed outwards and into the canopy.

- Brings the air stream closer to the canopy.
- Maximises fan's air capacity for larger, denser canopies
- Stainless steel and poly construction.
- 12 flip over nozzles each side allows accurate spray placement to canopy.
- Ceramic hollow cone jets on one side of flip over nozzles for low pressure spraying.
- Adjustable vane in top of conveyor for smaller canopies or early season growth.

## LEAF GUARD

The leaf guard is designed to prevent fan blockages and fruit damage from leaves and debris. It can be easily fitted to any Powerhead or Radak sprayer (920mm fan).



## ONE SIDED CONVEYOR

Ideal for use in tree crops, the conveyor directs the air outwards and into the canopy increasing spray efficiency.

- Fibreglass construction with stainless steel spray lines.
- Flip-over ceramic hollow cone nozzles on one side provides accurate spray coverage and easy changeover for spraying at lower pressure.

## WHEELS & TYRES

Many of Silvan's horticulture/viticulture sprayers can be fitted with a range of tyres and rims including 'All Terrain' tyres on 10.5 x 15" galvanised rims, 'flotation' tyres on 400 x 15.5" galvanised rims or 'Gripster' tyres on 12.5 x 18" galvanised rims (to suit boggy conditions such as those in Banana plantations). Note: Optional axles may be required to fit some wheel options.



## SNORKEL

The Snorkel has been designed to help prevent damage to fruit caused by the delivery of air that includes sand and debris. It also helps to minimise downtime by avoiding blocked fan guards. The Silvan Snorkel is made from polytuff impact resistant polyethylene which is lightweight and robust and can be easily fitted to the fan cowl of most Silvan 900mm air assist units.

## GLIDEFLEX SUSPENSION SYSTEM

The patented Glideflex suspension system ensures a smooth ride whether the tank is full or empty. This minimises wear and tear on the sprayer and tractor, and improves the ride comfort for the operator.



## TANDEM SUSPENSION AXLE

The rugged durability of the Australian designed Simplicity tandem suspension axle gives a smoother ride over rough or uneven terrain. This optional axle assembly is designed to share the load over both wheels, reducing impact to the frame and spray heads and virtually eliminating body roll for faster travel and effective spray application.



## TWIN NOZZLES

Silvan's twin nozzle adaptor can be fitted to any flip-over nozzle holder. These allow higher application rates with smaller nozzles for greater droplet size control.





*The Turbomiser utilises the best air shear technology to achieve optimum spray coverage using less water. A range of spray heads are available to suit the application.*

# Turbomisers





The Turbomiser is a highly advanced, low volume, air shear sprayer that provides smooth, low maintenance operation. It includes an innovative range of easy to calibrate interchangeable spray heads. Used for a variety of crops including citrus, vines, vegetables, avocados, mangos, apples, pears, strawberries, bananas, stone fruit and macadamias, the Turbomiser can be easily setup up to suit individual agricultural needs.

Since Silvan first launched the Turbomiser in 1983, it has fast become Australia's preferred vineyard sprayer.

It has gained uncontested status amongst major corporate wineries and used by many leading farm managers simply because it is still the most effective crop protection system in the industry.





## THE TURBOMISER ADVANTAGE

Silvan's range of Turbomiser sprayers ensure excellent plant coverage and superb pest and disease control with minimal maintenance whilst reducing contamination to the soil and the environment through low volume air shear technology.

Low volume, air shear sprayers can cover the same vegetative surface sprayed by 'dilute volume' machines, but with a much lower quantity of water. As a comparison, a single tank of water used in a Turbomiser could cover up to the same area covered by 3 tanks used in a dilute spray application rate sprayer.

Atomisation of the spray liquid in a Silvan Turbomiser is achieved by introducing the water and chemical mixture into a very powerful air stream through a venturi tube. The air stream then shears the liquid into a narrow range of droplets.

UV stabilised, impact resistant polyethylene tank with a smooth inner surface for easier cleaning and avoiding chemical residue.

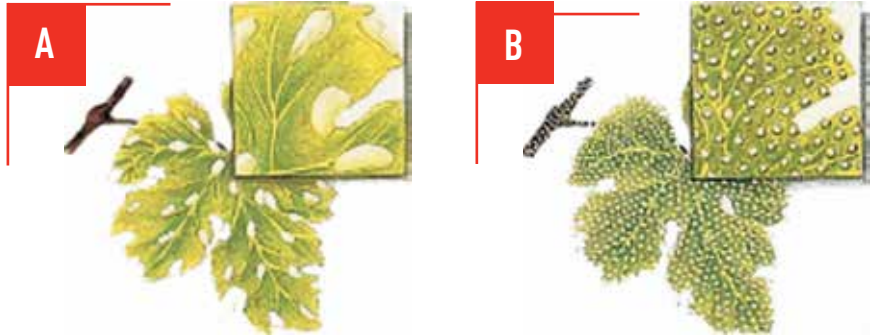
Galvanised steel framework and chassis and ensures a longer working life.

Automatic tensioning of the fan drive maintains the belt tension, avoiding slipping and wear.

Low maintenance centrifugal pump.

Spray heads available for a range of applications and most crop types.

Simple & low maintenance rotating calibration discs regulate chemical flow to each head.



This illustrated comparison demonstrates the likely difference between a vineyard leaf sprayed by a 'Dilute Volume' machine (diagram: A) and Silvan's 'Low Volume' Turbomiser (diagram: B).

Turbomisers atomise the liquid and mix it with the current of air so well that the droplets are carried into the more hidden areas of the plants. With a narrow droplet spectrum it is possible to double, triple or quadruple the number of droplets per square centimetre of vegetative surface while using significantly less water than dilute spray rates. This also causes the droplets to stay on the vegetation instead of running off onto the soil which means you maximise the effect of your spray chemicals.

To achieve complete coverage and thorough contact on the foliage, it is only necessary to replace the air in and around the plant with the air from the low volume sprayer. Since the air and spray are homogeneous, where the air arrives, so does the chemical.

The Silvan Turbomiser "Low Volume" system significantly improves spraying time by its ability to apply chemicals at faster ground speed reducing the number of tank refills and the lost time spent travelling between fills. The time saved can be important in ensuring chemicals are applied to the crop at their optimum efficiency for pest and disease control.



# Linkage P42E & P45E Turbomiser

Pictured: P42E 400L with optional double sided diffuser head



Vineyards



Greenhouse



Pictured: P45E 400L with optional Super Cannon head

AVAILABLE WITH  
TURBOMISER  
HEAD OPTIONS  
SEE PAGE 32



## MODEL SPECIFICATIONS

<b>PUMP</b>	CD32 centrifugal pump 140L/min constructed from toughened nylon. Stainless steel shaft & viton/ceramic seal.	<b>FRAME</b>	Galvanised RHS steel construction, cat II linkage.								
<b>FAN SIZE</b>	P42E: 420 mm dia. turbine fan, 3900 rpm. Power consumed 18 kw / 35HP. P45E: 450 mm dia. turbine fan, 4500 rpm. Power consumed 28 kw / 40HP.	<b>TANK</b>	Polytuff impact resistant polyethylene construction, calibrated sight line, non-spill lids, hydro chemical mixer in larger basket, lids with basket strainers, separate in-built 18L fresh water hand wash tank.								
<b>NOZZLES</b>	Air shear.	<b>AGITATION</b>	Bypass and pneumatic.								
<b>CONTROLS</b>	Two sided electric on/off control with control box mounted in cabin. Rotary plate distribution regulators with 15 settings and manual pressure adjustment.	<b>PRESSURE GAUGE</b>	Protected 100 mm glycerine gauge fitted at front of sprayer.								
<b>GEARBOX</b>	Multiplication type through multi-grip, multi-vee belt and pulley, over-run free wheeling hub and oil bath fan housing.	<b>FILTRATION</b>	Lid strainer and suction line strainer.								
		<b>PTO DRIVESHAFT</b>	Quality Bondioli & Pavesi driveshaft with quick release pins and safety cover.								
		<b>HP REQUIRED</b>	Minimum 35 PTO HP.								
		<b>GTM-P45N (LESS HEAD)</b>	<table border="1"> <thead> <tr> <th>L (MM)</th> <th>W (MM)</th> <th>H (MM)</th> <th>KG (DRY)</th> </tr> </thead> <tbody> <tr> <td>1000</td> <td>1100</td> <td>1150</td> <td>207</td> </tr> </tbody> </table>	L (MM)	W (MM)	H (MM)	KG (DRY)	1000	1100	1150	207
L (MM)	W (MM)	H (MM)	KG (DRY)								
1000	1100	1150	207								

## MODEL DESCRIPTION

400L P42E LINKAGE TURBOMISER: P42E Fan (spray head not included)	GTM-P42N
400L P45E LINKAGE TURBOMISER: P45E Fan (spray head not included)	GTM-P45N
<b>FACTORY OPTIONS</b>	<b>CODE</b>
Super cannon for P42E	GT42-1
Super cannon for P45E	GT45-1
Manual turntable for Super Cannon	GT55-4
Hydraulic turntable for Super Cannon	GT55-9
Double sided diffuser head (5 outlets per side) for P42E	GT40-2
Vineyard head - 4 heads (4x4) for P45E	GT45-11
Note: Not all options will fit all models. Extra charges may apply to fitment of some options. Sprayers depicted with optional sprayhead	





# Linkage P50E Turbomiser



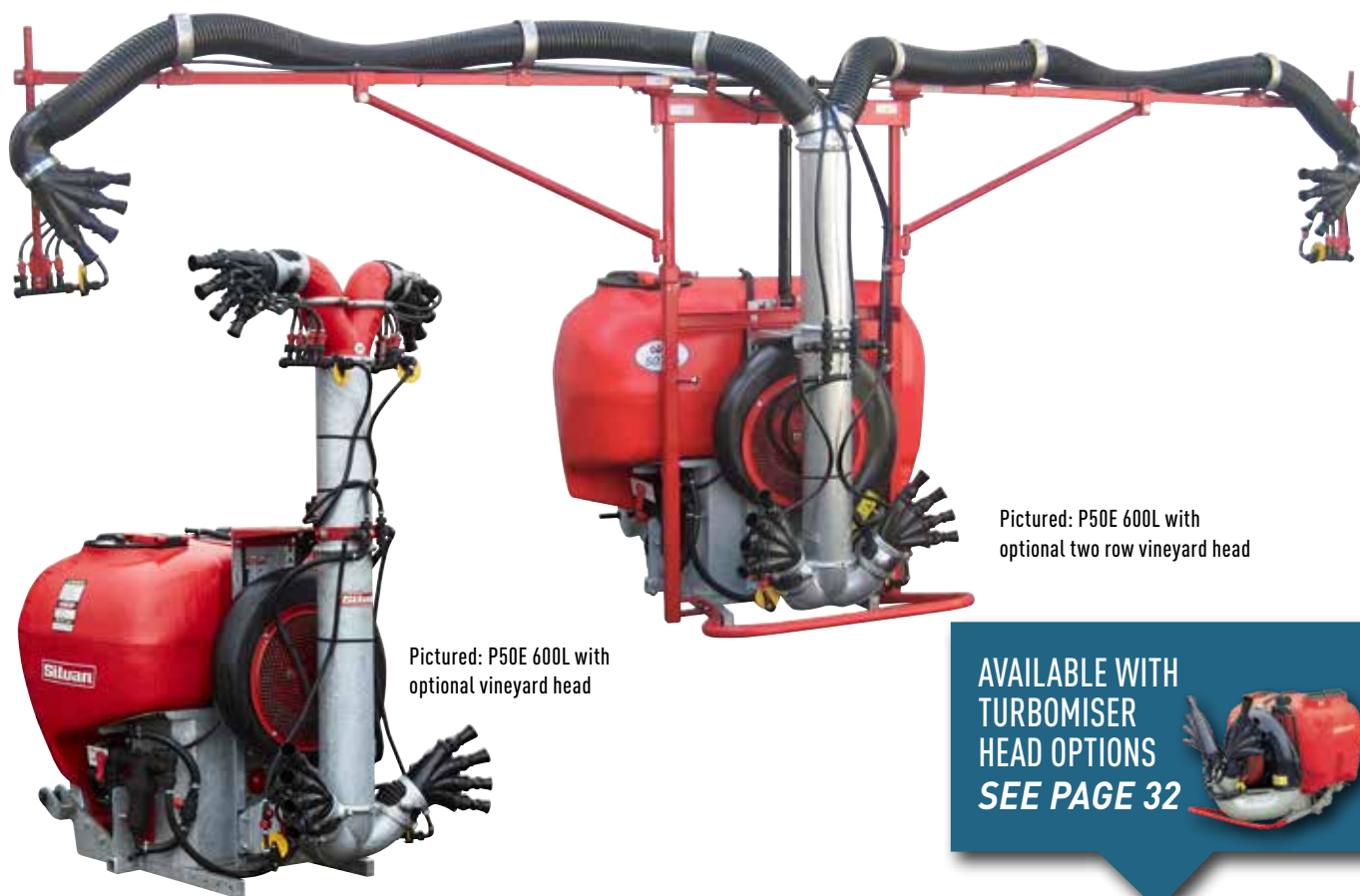
Vineyards



Orchards



Greenhouse



Pictured: P50E 600L with optional vineyard head

Pictured: P50E 600L with optional two row vineyard head

AVAILABLE WITH  
TURBOMISER  
HEAD OPTIONS  
SEE PAGE 32



## MODEL SPECIFICATIONS

<b>PUMP</b>	CD32 centrifugal pump, 140L/min. constructed from toughened nylon. Stainless steel shaft & viton/ceramic seal.	<b>TANK</b>	Polytuff impact resistant polyethylene construction, calibrated sight line, non-spill lids, hydro chemical mixer in larger basket, lids with basket strainers, separate in-built 18L fresh water hand wash tank.			
<b>FAN SIZE</b>	P50E: 500mm dia. turbine fan, 4000 rpm. Power consumed 40 kw / 55HP.	<b>FRAME</b>	Galvanised RHS steel construction, cat II linkage.			
<b>NOZZLES</b>	Air shear.	<b>AGITATION</b>	Bypass and pneumatic.			
<b>GEARBOX</b>	Multiplication type through multi-grip, multi-vee belt and pulley, over-run free wheeling hub and oil bath housing.	<b>FILTRATION</b>	Lid strainer and suction line strainer.			
<b>CONTROLS</b>	Two sided electric on/off control with control box mounted in cabin. Rotary plate distribution regulators with 15 settings and manual pressure adjustment.	<b>PTO DRIVESHAFT</b>	Quality Bondioli & Pavesi driveshaft with quick release pins & safety cover.			
<b>PRESSURE GAUGE</b>	Protected 100mm glycerine gauge fitted at front of sprayer.	<b>HP REQUIRED</b>	Minimum 55 PTO HP.			
		<b>DIMENSIONS GTM-P50N (LESS HEAD)</b>	<b>L (MM)</b>	<b>W (MM)</b>	<b>H (MM)</b>	<b>KG (DRY)</b>
			1100	1450	1150	220

## MODEL DESCRIPTION

600L P50E LINKAGE TURBOMISER: P50E Fan (spray head not included)

## CODE

GTM-P50N

## FACTORY OPTIONS

## CODE

Vineyard head - 4 heads (4 x 4)

GT55-11

Two row vineyard head

GT50-TCF2M2M

Super Cannon head

GT55-1

Manual turntable for Super Cannon

GT55-4

Hydraulic turntable for Super Cannon

GT55-9

Bravo 180S automatic rate controller

GT-24

Note: Not all options will fit all models. Extra charges may apply to fitment of some options. Sprayer depicted with optional sprayhead.

# Linkage P55DS Turbomiser



Vineyards



Orchards



Greenhouse



AVAILABLE WITH  
TURBOMISER  
HEAD OPTIONS  
SEE PAGE 32



Pictured: P55DS 600L with optional Super Cannon head

## MODEL SPECIFICATIONS

<b>PUMP</b>	CD32 centrifugal pump, 140L/min. constructed from toughened nylon. Stainless steel shaft & viton/ceramic seal.	<b>TANK</b>	Polytuff impact resistant polyethylene construction, calibrated sight line, non-spill lids, hydro chemical mixer in larger basket, lids with basket strainers, separate in-built 18L fresh water hand wash tank.			
<b>FAN SIZE</b>	P55DS:550mm dia. turbine fan, 3700 rpm. Power consumed 50 kw/70HP.	<b>FRAME</b>	Galvanised RHS steel construction, cat II linkage.			
<b>NOZZLES</b>	Air shear.	<b>AGITATION</b>	Bypass and pneumatic.			
<b>GEARBOX</b>	Multiplication type through multi-grip, multi-vee belt and pulley, over-run free wheeling hub and oil bath fan housing.	<b>FILTRATION</b>	Lid strainer and suction line strainer.			
<b>CONTROLS</b>	Two sided electric on/off control with control box mounted in cabin. Rotary plate distribution regulators with 15 settings and manual pressure adjustment.	<b>PTO DRIVESHAFT</b>	Quality Bondioli & Pavesi driveshaft with quick release pins & safety cover.			
<b>PRESSURE GAUGE</b>	Protected 100mm glycerine gauge fitted at front of sprayer.	<b>HP REQUIRED</b>	Minimum 70 PTO HP.			
		<b>DIMENSIONS</b>	<b>L (MM)</b>	<b>W (MM)</b>	<b>H (MM)</b>	<b>KG (DRY)</b>
		<b>GTM-P55DS (LESS HEAD)</b>	1100	1450	1150	250

## MODEL DESCRIPTION

600L P55DS LINKAGE TURBOMISER: P55DS fan (spray head not included)

## CODE

GTM-P55DS

## FACTORY OPTIONS

Vineyard head - 4 heads (4 x 5)	GT55D-40
Orchard Cannon head	GT55-13
Super Cannon head	GT55D-1
Hydraulic turntable for Super Cannon	GT55D-9
Bravo 180S automatic rate controller	GT-24

Note: Not all options will fit all models. Extra charges may apply to fitment of some options. Sprayer depicted with optional sprayhead.





# Linkage Airboom Turbomiser



Strawberries



Row Crop



Pictured: P55DS 600L with 12m Airboom

## MODEL SPECIFICATIONS

<b>PUMP</b>	CD32 centrifugal pump 140L/min. constructed from toughened nylon. Stainless steel shaft & Viton/ceramic seal.	<b>TRANSMISSION</b>	Multiplication type through multi-grip, multi-vee belt and pulley, over-run free wheeling hub and oil bath housing.			
<b>BOOM OPTIONS</b>	7m hydraulic fold - 15 fishtail air shear spray outlets. 12m hydraulic fold - 18 fishtail air shear spray outlets.	<b>TANK</b>	Polytuff impact resistant polyethylene construction, calibrated sight line, non-spill lids, hydro chemical mixer in larger basket, lids with basket strainers, separate in-built 18L fresh water hand wash tank.			
<b>BOOM ARM</b>	Each arm can be independently folded for turning at row end, 640 mm height adjustment to boom with hydraulic ram, safety break away action.	<b>FRAME</b>	Galvanised RHS steel frame, cat II lift pins with 2 positions.			
<b>FAN SIZE</b>	P55DS: 550mm dia. turbine fan, 3700 rpm. Power consumed 50 kw / 70HP.	<b>AGITATION</b>	Bypass and pneumatic.			
<b>NOZZLES</b>	Low volume fishtail outlets, spacings and angle fully adjustable, ideal for row crops.	<b>FILTRATION</b>	Lid strainer and suction line strainer			
<b>CONTROLS</b>	Electric 3 section valves with on/off, in cab control box and manual pressure adjustment.	<b>PTO DRIVESHAFT</b>	Quality Bondioli & Pavesi driveshaft with quick release pins & safety cover.			
		<b>HP REQUIRED</b>	Minimum 70 PTO HP.			
		<b>GTMP55N07 (WHEN FOLDED)</b>	<b>L (MM)</b>	<b>W (MM)</b>	<b>H (MM)</b>	<b>KG (DRY)</b>
			5400	1700	1500	400

## MODEL DESCRIPTION

<b>600L P55DS LINKAGE AIRBOOM SPRAYER:</b> P55DS fan, 7m hydraulic fold Airboom, fishtail air shear spray outlets	GTMP55N07
<b>600L P55DS LINKAGE AIRBOOM SPRAYER:</b> P55DS fan, 12m hydraulic fold Airboom, fishtail air shear spray outlets	GTMP55N12
<b>FACTORY OPTIONS</b>	<b>CODE</b>
Bravo 180S automatic rate controller	GT-24



# Trailed P50E 1500/2000L Turbomiser



Vineyards



Orchards



AVAILABLE WITH  
TURBOMISER  
HEAD OPTIONS  
SEE PAGE 32



Pictured: 1500L with optional Vineyard head

## MODEL SPECIFICATIONS

<b>PUMP</b>	CD32 centrifugal pump, 140L/min, constructed from toughened nylon. Stainless steel shaft & viton/ceramic seal.	<b>FRAME</b>	Galvanised steel chassis, adjustable drawbar with jockey wheel.			
<b>FAN SIZE</b>	P50E: 500mm dia. turbine fan, 4000 rpm. Power consumed 40 kw / 55HP.	<b>AGITATION</b>	Pump bypass plus venturi agitator.			
<b>NOZZLES</b>	Air shear.	<b>FILTRATION</b>	Lid strainer and large capacity suction filter.			
<b>GEARBOX</b>	Multiplication type through multi-grip, multi-vee belt and pulley, over-run free wheeling hub and oil bath housing.	<b>WHEEL EQUIPMENT</b>	Glideflex suspension axle, 2 x 15" tubeless tyres on galvanised rims (max speed rating 30 km/h).			
<b>CONTROLS</b>	Two sided electric on/off control with pressure regulation operated from control box mounted in cabin. Rotary plate distribution regulators with 15 settings. Large 100 mm pressure gauge.	<b>PTO DRIVESHAFT</b>	Quality Bondioli & Pavesi driveshaft with quick release pins & safety cover.			
<b>TANK</b>	1500/2000 - Polyuff impact resistant polyethylene construction, calibrated sight line, large non-spill flip top lid, built-in chemical mixer and 40L fresh water tank.	<b>HP REQUIRED</b>	Minimum 55 PTO HP.			
		<b>DIMENSIONS</b>	<b>L (MM)</b>	<b>W (MM)</b>	<b>H (MM)</b>	<b>KG (DRY)</b>
		<b>GTM15P-P50NGL (LESS HEAD)</b>	3860	1540	1350	550
		<b>GTM20P-P50NGL (LESS HEAD)</b>	3970	1540	1350	650
		Length measured with drawbar in shortest position.				

## MODEL DESCRIPTION

MODEL DESCRIPTION	CODE
1500L P50E TRAILED TURBOMISER: P50E fan, Glideflex axle, wide angle PTO shaft (Spray head not included)	GTM15P-P50NGL
2000L P50E TRAILED TURBOMISER: P50E fan, Glideflex axle, wide angle PTO shaft (Spray head not included)	GTM20P-P50NGL

## FACTORY OPTIONS

FACTORY OPTIONS	CODE
Vineyard head - 4 heads (4x4)	GT55-11
Bravo 180S automatic rate controller	GT-24
Hydraulic drive pump	GT55-22

When ordering hydraulic drive pumps, tractor hydraulic capacity and system must be written on order. Note: Not all options will fit all models. Extra charges may apply to fitment of some options. Sprayer depicted with optional sprayhead.





# Trailed P55DS 2000L Turbomiser



Vineyards



Orchards



AVAILABLE WITH  
TURBOMISER  
HEAD OPTIONS  
SEE PAGE 32



Pictured: 2000L with optional Turbo Tower

## MODEL SPECIFICATIONS

<b>PUMP</b>	CD32 centrifugal pump, 140L/min constructed from toughened nylon. Stainless steel shaft and viton/ceramic seal.	<b>TANK</b>	Polytuff impact resistant polyethylene construction, calibrated sight line, large non-spill flip top lid, built-in Chemical mixer and 40L fresh water hand wash tank.			
<b>FAN SIZE</b>	P55DS: 550mm dia. turbine fan, 3700 rpm. Power consumed 50 kw / 70HP.	<b>AGITATION</b>	Pump bypass plus venturi agitator.			
<b>NOZZLES</b>	Air shear.	<b>FILTRATION</b>	Lid strainer and large capacity suction filter.			
<b>GEARBOX</b>	Multiplication type through multi-grip, multi-vee belt and pulley, over-run free wheeling hub & oil bath fan housing.	<b>WHEEL EQUIPMENT</b>	Glideflex suspension axle, 2 x 15" tubeless tyres on galvanised rims (max speed rating 30 km/h).			
<b>CONTROLS</b>	Two sided electric on/off control with pressure regulation operated from control box mounted in cabin. Rotary plate distribution regulators with 15 settings. Large 100mm pressure gauge.	<b>PTO DRIVESHAFT</b>	Quality Bondioli & Pavesi driveshaft with quick release pins & safety cover.			
<b>FRAME</b>	Galvanised steel chassis, adjustable drawbar with jockey wheel.	<b>HP REQUIRED</b>	Minimum 70 PTO HP.			
		<b>DIMENSIONS</b>	<b>L (MM)</b>	<b>W (MM)</b>	<b>H (MM)</b>	<b>KG (DRY)</b>
		<b>GTM20P-P55DGL (LESS HEAD)</b>	3970	1540	1350	650
			Length measured with drawbar in shortest position.			

MODEL DESCRIPTION	CODE
<b>2000L P55DS TRAILED TURBOMISER:</b> P55DS fan, Glideflex axle, wide angle PTO shaft (spray head not included)	GTM20P-P55DGL
<b>2000L P55DS TRAILED TURBOMISER:</b> P55DS fan, Glideflex axle, wide angle PTO shaft, automatic rate controller, Hypro hydraulic pump (spray head not included)	GTM20P-P55DSGHL P
FACTORY OPTIONS	CODE
Vineyard head - 4 head (4x5)	GT55D-40
Hi Lo Orchard Head (4 outlets)	GT55D-6
Turbo Tower head (6 outlets)	GT55D-7
Orchard Cannon head	GT55-13
Bravo 180S automatic rate controller	GT-24
Hydraulic drive pump	GT55-22
Tandem suspension axle	D99-76

When ordering hydraulic drive pumps, tractor hydraulic capacity and system must be written on order. Note: Not all options will fit all models. Extra charges may apply to fitment of some options. Sprayer depicted with optional sprayhead.

# Turbomiser Heads



Vineyards

## VINEYARD HEAD / P45-P55DS

Specifically designed for spraying trellis trained crops targeting the crop from both the top and bottom via multi-directional spray heads i.e. height, tilt, angle, etc.



Orchards

## HI LO ORCHARD HEAD / P55DS

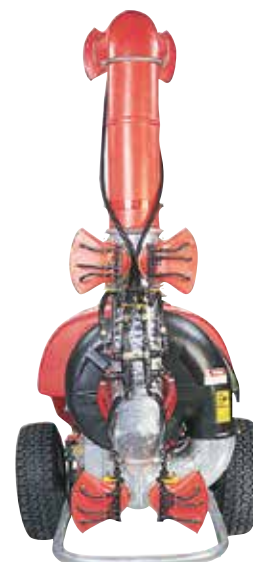
Designed for tree crops. The spray tower includes four air shear fishtail outlets providing an air stream top and bottom that converges in the middle for a full canopy coverage.



Greenhouse

## SUPER CANNON / P42-P55DS

Designed for single side applications to ground crops and vegetables via multi-directional sprayheads i.e. height, tilt, angle, etc. Optional turntable turns cannon left to right.



Orchards

## TURBO TOWER / P55DS

Suited to the largest Turbomiser fan, the tower utilises six multidirectional spray heads to ensure accurate and complete coverage of tall tree crops.



Orchards

## ORCHARD CANNON / P55DS

Suited to the largest Turbomiser fan, the Orchard Cannon utilises double sided orchard heads with two cannons per side for effective coverage in medium to tall tree crops like citrus, almonds and olives.



## BH18 / P55DS

The BH18 Turbomiser is a specialised sprayer designed to ensure accurate chemical application on strawberries grown in tunnels on raised tables. Air outlets above and below the tables are designed to create turbulence for effective coverage.

The BH18 can be fitted to 1000 or 2000L trailed sprayers.



Strawberries



*With improved performance and greater flexibility from multiple spray outlets and precise control, Silvan's over row sprayers are the next generation in vineyard spraying.*

# Over Row Sprayers





Silvan Over Row sprayers have been developed to improve spray coverage of vine canopies – and consequently the efficacy of pest and disease control – when spraying multiple rows in just one pass. The best and most efficient spray technology is utilised ensuring an even distribution of spray throughout the entire canopy, minimising drift and off target spraying.

Silvan offers a complete range of multi-row vineyard sprayers with a choice of air assist or air shear

depending on the application. Both are available in 2 & 3 row configurations and all utilise multiple outlet 'wrap' air delivery tubes for greater air turbulence and added flexibility.

The 'wrap' tubes completely surround the canopy, while cane bars protect the lower nozzles from being knocked and damaged. The TGS and standard Turbomiser models utilise a single PTO drive centrifugal fan, while the Turbo SCRAM Turbomiser uses multiple 320mm

Polytuff UV stabilised, impact resistant tank.

TGS & Turbomiser sprayers have multiple spray outlets for greater flexibility and more targeted spraying.

Hand wash tank.

Galvanised chassis & frame for longer working life.

Tandem suspension axle for a smoother ride.



hydraulic drive centrifugal fans for reduced power requirements and greater control.

Adjustable outlets together with the fan evenly disperse the spray-laden air for better turbulence within the canopy which reduces water and chemical cost and meets growers needs for crop protection.



## TGS - 2 & 3 ROW CONFIGURATIONS



The multi-row TGS spray head uses a turbine fan and curved air tubes to effectively penetrate sprawling vine canopies. Each air diffuser with dual spray nozzles feature swivel adjustment and have an air divider to direct the air evenly to wherever the air diffuser is set. The TGS has the flexibility to be used for concentrate spraying at low application rates or dilute spraying at higher rates.

## TURBOMISER - 2 & 3 ROW CONFIGURATIONS



The Turbomiser's centrifugal fan creates a strong current of air which is directed through the air tubes and out the venturi diffusers. With air speeds of up to 170 knots, the liquid is sheared into a narrow range of droplets. This high speed air ensures the spray is directed into the heart of the canopy. The added advantage with our air shear system is it uses up to 75% less water for the same canopy coverage.



# Trailed TGS Vineyard Sprayer



Vineyards



Berries



Pictured: 3 Row 3500L TGS

## MODEL SPECIFICATIONS

<b>HEAD</b>	Multi row spraying head with air assist diffusers and twin spray nozzles. Each air diffuser features swivel adjustment and air deflector. Poly air tubes shaped to surround canopy. Both arms have independent hydraulic fold with manual width & height adjustment (2 tractor remote sets required).	<b>FRAME</b>	Galvanised steel chassis, adjustable drawbar & jockey wheel. With optional twin galvanised snorkel				
<b>PUMP</b>	Silvan oil-backed diaphragm type with nitrile diaphragms and corrosion resistant, cast anodised aluminium body with brass heads and manifolds. IDS1701: 161L/min. capacity 5000kPa pressure.	<b>CHEM INDUCTION</b>	Suction probe with detachable hose.				
<b>FAN SIZE</b>	500mm twin impeller turbine fan, power consumed 48 kw (64HP).	<b>AGITATION</b>	Pump bypass plus venturi agitator.				
<b>NOZZLES</b>	Twin hollow cone ceramic nozzles per outlet with individual on/off non-drip taps.	<b>PRESSURE GAUGE</b>	0-60 bar glycerine filled gauge fitted to pump.				
<b>GEARBOX</b>	2-speed with neutral position, oil-bath type.	<b>FILTRATION</b>	Lid strainer and suction line strainer.				
<b>CONTROLS</b>	40 Bar electric section valves, master valve, electric pressure regulator and in cab controls.	<b>WHEEL EQUIPMENT</b>	Tandem simplicity suspension with 10 x 15" wheels & tyres. (2000L) or 11.5 x 15.3" wheels & tyres (3500L)				
<b>TANK</b>	Polytuff impact resistant polyethylene construction, calibrated sight line, flip top easy open lid, 50mm camlock bottom fill and 40L fresh water hand wash tank.	<b>PTO DRIVESHAFT</b>	Quality Bondioli & Pavesi constant velocity (wide angle) driveshaft with quick release pins & safety cover.				
		<b>HP REQUIRED</b>	Minimum 75 PTO HP.				
		<b>DIMENSIONS</b>	<b>L (MM)</b>	<b>W (MM)</b>	<b>H (MM)</b>	<b>KG (DRY)</b>	
		<b>DTG23NF5S2</b>	4300	less head	1800	3300	980
				folded	2600		
		<b>DTG33NF6S2</b>	5075	less head	1800	3300	1020
				folded	2800		
		Length measured with drawbar in shortest position.					

## MODEL DESCRIPTION

MODEL DESCRIPTION	CODE
2 ROW 2000L TGS: IDS1701 pump, electric valve controls, 500mm twin turbine fan	DTG23NF5S2
2 ROW 3500L TGS: IDS1701 pump, electric valve controls, 500mm twin turbine fan	DTG33NF5S2
3 ROW 3500L TGS: IDS1701 pump, electric valve controls, 500mm twin turbine fan	DTG33NM5S3

## FACTORY OPTIONS

FACTORY OPTIONS	CODE
IDS2600 pump, 249L/min capacity, 5000kPa pressure	D99-149
Bravo 180S automatic rate controller	D99-143
Hydraulic vertical lift (1 extra set of tractor remotes required)	TGS-LIFT
Quick turning hitch	D99-170
Twin galvanised snorkel	D99-172
Hydraulic row width adjustment	-

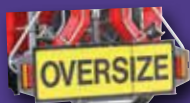




# 3000L TGS Vineyard Sprayer



OPTIONAL OVERSIZE ROAD KIT WITH 12V TAIL LIGHTS & INDICATORS



Pictured: 2 Row 3000L TGS with optional twin galvanised snorkel

## MODEL SPECIFICATIONS

<b>HEAD</b>	Multi row spraying head with air assist diffusers and twin spray nozzles. Each air diffuser features swivel adjustment and air deflector. Poly air tubes shaped to surround canopy. Left and right arms have independent hydraulic fold with manual width and height adjustment (2 sets of tractor remotes required).	<b>FLUSH TANK</b>	205L polytuff tank with top fill. Used to flush pump, filter, spray lines and nozzles.			
<b>PUMP</b>	Silvan oil-backed diaphragm type with nitrile diaphragms with brass heads and manifolds. IDS2001: 182L/min. capacity 5000kPa pressure.	<b>HAND WASH TANK</b>	15L polytuff tank with top fill.			
<b>FAN SIZE</b>	500mm twin impeller turbine fan. Power consumed 48 kw/64HP.	<b>CHEM INDUCTION</b>	Venturi suction probe.			
<b>NOZZLES</b>	Twin hollow cone ceramic nozzles per outlet with individual metering on/off non-drip taps.	<b>FRAME</b>	Galvanised steel chassis, heavy duty stand & adjustable drawbar.			
<b>GEARBOX</b>	2-speed with neutral position, oil-bath type.	<b>AGITATION</b>	Pump bypass plus venturi agitator.			
<b>CONTROLS</b>	40 Bar electric section valves, master valve, electric pressure regulator and in cab controls.	<b>PRESSURE GAUGE</b>	Glycerine filled gauge located on the valve bank.			
<b>MAIN TANK</b>	3400L Polytuff impact resistant polyethylene construction, calibrated sightline, flip top lid, 50mm camlock bottom fill.	<b>FILTRATION</b>	Suction line filter and pressure filter.			
		<b>WHEEL EQUIPMENT</b>	Tandem independent suspension with 10 x 15" tyres.			
		<b>PTO DRIVESHAFT</b>	Quality Bondioli & Pavesi constant velocity (wide angle) driveshaft with quick release pins & safety cover.			
		<b>HP REQUIRED</b>	Minimum 75 PTO HP.			
		<b>DIMENSIONS</b>	<b>L (MM)</b>	<b>W (MM)</b>	<b>H (MM)</b>	<b>KG (DRY)</b>
		<b>TG64NF5I2</b>	3995	less head 1755 folded 2470	3300	1500
		Length measured with drawbar in shortest position.				

MODEL DESCRIPTION	CODE
2 ROW 3000L TGS: IDS2001 pump, electric valve controls, 500mm twin turbine fan	TG64NF5I2
3 ROW 3000L TGS: IDS2001 pump, electric valve controls, 500mm twin turbine fan	TG64NM5I3
FACTORY OPTIONS	CODE
IDS2600 pump, 249L/min capacity, 5000kPa pressure	D99-149
Bravo 180S automatic rate controller	D99-143
Hydraulic vertical lift (1 extra set of tractor remotes required)	TGS-LIFT
Quick turning hitch	D99-170
Twin galvanised snorkel	D99-172
Hydraulic row width adjustment	-
Road kit	D99-151
Over row work lights	D99-152





# 4000L G2E TGS Vineyard Sprayer



Vineyards



Pictured: 3 Row 4000L G2E TGS

## MODEL SPECIFICATIONS

<b>HEAD</b>	Multi row spraying head with air assist diffusers and twin spray nozzles. Each air diffuser features swivel adjustment and air deflector. Poly air tubes shaped to surround canopy. Left and right arms have independent hydraulic fold with manual width and height adjustment. (2 sets of tractor remotes required).				
	<b>PUMP</b>	Silvan oil-backed diaphragm type with nitrile diaphragms with brass heads and manifolds. IDS2001: 182L/min. capacity 5000kPa pressure.			
<b>FAN SIZE</b>	500mm twin impeller turbine fan, power consumed 48 kw (64HP).				
<b>NOZZLES</b>	Twin hollow cone ceramic nozzles per outlet with individual metering on/off non-drip taps.				
<b>GEARBOX</b>	2-speed with neutral position, oil-bath type.				
<b>CONTROLS</b>	40 Bar electric section valves, master valve, electric pressure regulator and in cab controls.				
<b>MAIN TANK</b>	Polytuff impact resistant polyethylene construction with calibrated sightline & 50mm camlock top & bottom fill.				
<b>HAND WASH TANK</b>	Polytuff tank filled through cap. Located next to bottom fill.				
<b>CHEMICAL INDUCTION</b>	Venturi suction probe.				
<b>FRAME</b>	Galvanised steel chassis, adjustable drawbar & heavy duty stand.				
<b>AGITATION</b>	Pump bypass and twin venturi agitators.				
<b>PRESSURE GAUGE</b>	Glycerine filled gauge located on the valve bank.				
<b>FILTRATION</b>	Suction line filter and pressure filter.				
<b>WHEEL EQUIPMENT</b>	Tandem simplicity suspension with 11.5 x 15.3" tyres.				
<b>PTO DRIVESHAFT</b>	Quality Bondioli & Pavesi constant velocity (wide angle) driveshaft with quick release pins & safety cover.				
<b>HP REQUIRED</b>	Minimum 75 PTO HP.				
<b>DIMENSIONS</b>	<b>L (MM)</b>	<b>W (MM)</b>		<b>H (MM)</b>	<b>KG(DRY)</b>
		less head	1950		
<b>ETG44NF6S2</b>	5230	folded	2800	3300	1820
Length measured with drawbar in shortest position.					

## MODEL DESCRIPTION

MODEL DESCRIPTION	CODE
2 ROW 4000L G2E TGS: IDS2001 pump, electric valve controls, 500mm twin turbine fan	ETG44NF6S2
3 ROW 4000L G2E TGS: IDS2001 pump, electric valve controls, 500mm twin turbine fan	ETG44NM6S3

## FACTORY OPTIONS

FACTORY OPTIONS	CODE
IDS2600 pump, 249L/min capacity, 5000kPa pressure	D99-149
Bravo 180S automatic rate controller	D99-143
Hydraulic vertical lift (1 extra set of tractor remotes required)	TGS-LIFT
Quick turning hitch	D99-170
Twin galvanised snorkel	D99-172
Hydraulic row width adjustment	-
Road kit	D99-151
Over row work lights	D99-152





# Turbowrap & Tri Wrap Turbomiser



Vineyards



Pictured: 3500L Tri-Wrap

## MODEL SPECIFICATIONS

<b>HEAD</b>	Two row spraying head: 28 venturi air shear adjustable nozzles with individual metering and on/off taps.	<b>FRAME</b>	Galvanised steel chassis, adjustable drawbar with jockey wheel.				
	Three row spraying head: 42 venturi air shear adjustable nozzles with individual metering and on/off taps. Left & right arms are independent hydraulic folding with adjustable width & centre frame. Boom frame is galvanised.		<b>AGITATION</b>	Venturi agitator.			
<b>PUMP</b>	Stainless steel, hydraulic drive centrifugal pump, 350 L/min. Stainless steel shaft and Viton/ceramic seal.	<b>FILTRATION</b>	Lid strainer and large capacity suction filter.				
<b>FAN SIZE</b>	P55DSE: 550mm dia. turbine fan, 3700 rpm. Power consumed 50 kw / 67HP.	<b>WHEEL EQUIPMENT</b>	Tandem simplicity suspension with 10 x 15" tyres (2000L) or 11.5 x 15.3" tyres (3500L).				
<b>NOZZLES</b>	Air shear.	<b>PTO DRIVESHAFT</b>	Quality Bondioli & Pavesi constant velocity (wide angle) driveshaft with quick release pins & safety cover.				
<b>GEARBOX</b>	Multiplication type through multi-grip, multi-vee belt and pulley, over-run free wheeling hub and oil bath fan housing.	<b>HP REQUIRED</b>	70 PTO HP (2 row), 90 PTO HP (3 row).				
<b>CONTROLS</b>	Electric section valves with Bravo 180S automatic rate controller. Large 100mm pressure gauge.	<b>DIMENSIONS</b>	<b>L (MM)</b>	<b>W (MM)</b>	<b>H (MM)</b>	<b>KG (DRY)</b>	
<b>TANK</b>	Polytuff impact resistant polyethylene construction, calibrated sight line, flip top easy open lid, 50mm camlock bottom fill and 40L fresh water tank.	GTU28CB5S2	4600	less head	1800	3300	990
				folded	2600		
		GTU38CB5S2	4975	less head	1800	3300	1100
				folded	2800		
Length measured with drawbar in shortest position.							

## MODEL DESCRIPTION

MODEL DESCRIPTION	CODE
2000L P55DSE TRAILED 2 ROW TURBOWRAP: Includes sprayheads, P55DSE fan, hydraulic drive stainless steel pump, automatic spray rate controller, wide angle shaft, tandem suspension axle	GTU28CB5S2
3500L P55DSE TRAILED 2 ROW TURBOWRAP: Includes sprayheads, P55DSE fan, hydraulic drive stainless steel pump, automatic spray rate controller, wide angle shaft, tandem suspension axle	GTU38CB5S2
2000L P55DSE TRAILED 3 ROW TRI-WRAP: Includes sprayheads, P55DSE fan, hydraulic drive stainless steel pump, automatic spray rate controller, wide angle shaft, tandem suspension axle	GTU28CB5S3
3500L P55DSE TRAILED 3 ROW TRI-WRAP: Includes sprayheads, P55DSE fan, hydraulic drive stainless steel pump, automatic spray rate controller, wide angle shaft, tandem suspension axle	GTU38CB5S3

## FACTORY OPTIONS

FACTORY OPTIONS	CODE
Quick turning hitch	D99-170
Hydraulic row width/height adjustment	-
Bravo 180S spray rate controller with hydraulic controls (in lieu)	J99-180

When ordering hydraulic drive pumps, tractor hydraulic capacity and system must be written on order. Note: Not all options will fit all models. Extra charges may apply to fitment of some options.



# 3000L Turbowrap & Tri Wrap Turbomiser



Vineyards



Pictured: 3000L Tri Wrap

## MODEL SPECIFICATIONS

<b>HEAD</b>	Two row spraying head: 28 venturi air shear nozzles with individual metering and on/off taps. Three row spraying head: 42 venturi air shear adjustable nozzles with individual metering and on/off taps. Left & right arms have independent hydraulic folding with adjustable width & centre frame. Boom frame is fully galvanised.	<b>HAND WASH TANK</b>	15L polytuff tank with top fill.				
<b>PUMP</b>	Stainless steel hydraulic centrifugal pump, 350 L/min. Stainless steel shaft and Viton/ceramic seal.	<b>CHEM INDUCTION</b>	Venturi suction probe.				
<b>FAN SIZE</b>	500mm twin impeller turbine fan. Power cons. 48 kw/64HP.	<b>FRAME</b>	Galvanised steel chassis, heavy duty stand and adjustable drawbar.				
<b>NOZZLES</b>	Air shear.	<b>AGITATION</b>	Venturi agitator.				
<b>GEARBOX</b>	2-speed with neutral position, oil-bath type.	<b>PRESSURE GAUGE</b>	Glycerine filled gauge located on the valve bank.				
<b>CONTROLS</b>	Electric section valves with Bravo 180S automatic rate controller. Large 100mm pressure gauge.	<b>FILTRATION</b>	Suction line filter and pressure filter.				
<b>MAIN TANK</b>	3400L Polytuff impact resistant polyethylene construction, calibrated sightline, flip top lid, 50mm camlock bottom fill.	<b>WHEEL EQUIPMENT</b>	Tandem independent suspension with 10 x 15" tyres.				
<b>FLUSH TANK</b>	205L Polytuff tank with top fill. Used to flush pump, filter, spray lines and nozzles.	<b>PTO DRIVESHAFT</b>	Quality Bondioli & Pavesi constant velocity (wide angle) driveshaft with quick release pins & safety cover.				
		<b>HP REQUIRED</b>	Minimum 75 PTO HP.				
		<b>DIMENSIONS</b>	<b>L (MM)</b>	<b>W (MM)</b>	<b>H (MM)</b>	<b>KG (DRY)</b>	
		<b>TU68NB512</b>	3995	less head	1755	3300	1500
				folded	2470		
Length measured with drawbar in shortest position.							

## MODEL DESCRIPTION

	CODE
3000L TRAILED TURBOWRAP - 2 ROW: Includes sprayheads, twin fan, hydraulic drive stainless steel pump, automatic rate controller, wide angle shaft, tandem suspension axle	TU68NB512
3000L TRAILED TRI WRAP - 3 ROW: Includes sprayheads, twin fan, hydraulic drive stainless steel pump, automatic rate controller, wide angle shaft, tandem suspension axle	TU68NB513

## FACTORY OPTION

	CODE
Quick turning hitch	D99-170
Hydraulic row width/height adjustment	-
Bravo 180S spray rate controller with hydraulic controls (in lieu)	J99-180
Twin galvanised snorkel	D99-172
Road kit	D99-151
Over row work lights	D99-152

When ordering hydraulic drive pumps, tractor hydraulic capacity and system must be written on order. Note: Not all options will fit all models. Extra charges may apply to fitment of some options.





# 4000L G2E Turbowrap & Tri Wrap Turbomiser



Vineyards



Pictured: 4000L GE2 Tri Wrap with optional twin galvanised snorkel

## MODEL SPECIFICATIONS

<b>HEAD</b>	Two row spraying head: 28 venturi air shear nozzles with individual metering and on/off taps. Three row spraying head: 42 venturi air shear adjustable nozzles with individual metering and on/off taps. Left & right arms have independent hydraulic folding with adjustable width & centre frame. Boom frame is fully galvanised.	<b>FRAME</b>	Galvanised steel chassis, adjustable drawbar & heavy duty stand.				
<b>PUMP</b>	Stainless steel, hydraulic drive centrifugal pump, 350 L/min. Stainless steel shaft and Viton/ceramic seal.	<b>AGITATION</b>	Twin venturi agitators.				
<b>FAN SIZE</b>	500mm twin impeller turbine fan. Power consumed 48 kw/64HP.	<b>PRESSURE GAUGE</b>	Glycerine filled gauge located on valve bank.				
<b>NOZZLES</b>	Air shear.	<b>FILTRATION</b>	Suction line filter and pressure filter.				
<b>GEARBOX</b>	2-speed with neutral position, oil-bath type.	<b>WHEEL EQUIPMENT</b>	Tandem simplicity suspension with 11.5 x 15.3" tyres.				
<b>CONTROLS</b>	Electric section valves with Bravo 180S automatic rate controller. Large 100mm pressure gauge.	<b>PTO DRIVESHAFT</b>	Quality Bondioli & Pavesi constant velocity (wide angle) driveshaft with quick release pins & safety cover.				
<b>TANK</b>	Polytuff impact resistant polyethylene construction with calibrated sightline, 50mm camlock top and bottom fill and hand wash tank.	<b>HP REQUIRED</b>	75 PTO HP (2 row Turbowrap), 90 PTO HP (3 row Tri-Wrap).				
		<b>DIMENSIONS</b>	<b>L (mm)</b>	<b>W (mm)</b>	<b>H (mm)</b>	<b>KG (dry)</b>	
		<b>ETU48NB5S2</b>	5230	less head	1950	3300	2000
				folded	2800		
		Length measured with drawbar in shortest position.					

## MODEL DESCRIPTION

MODEL DESCRIPTION	CODE
4000L GE2 TRAILED TURBOWRAP - 2 ROW: Includes sprayheads, twin fan, hydraulic drive stainless steel pump, automatic rate controller, wide angle shaft, tandem suspension axle	ETU48NB6S2
4000L GE2 TRAILED TRI-WRAP - 3 ROW: Includes sprayheads, twin fan, hydraulic drive stainless steel pump, automatic spray rate controller, wide angle shaft, tandem suspension axle	ETU48NB6S3

## FACTORY OPTION

FACTORY OPTION	CODE
Quick turning hitch	D99-170
Hydraulic row width/height adjustment	-
Bravo 180S spray rate controller with hydraulic controls (in lieu)	J99-180
Twin galvanised snorkel	D99-172
Road kit	D99-151
Over row work lights	D99-152

When ordering hydraulic drive pumps, tractor hydraulic capacity and system must be written on order. Note: Not all options will fit all models. Extra charges may apply to fitment of some options.



# Turbo SCRAM Turbowrap & Tri Wrap



Pictured: 2000L 2 Row Turbo SCRAM

## MODEL SPECIFICATIONS

<b>HEAD</b>	Two row spraying head: 28 venturi air shear adjustable nozzles with individual metering and on/off taps. Three row spraying head: 42 venturi air shear adjustable nozzles with individual metering and on/off taps. Left & right arms are independent hydraulic folding with adjustable width & centre frame. Boom frame is galvanised.	<b>TANK</b>	Polytuff impact resistant polyethylene construction, calibrated sight line, flip top easy open lid, 50mm camlock bottom fill and 40L fresh water tank.				
	<b>PUMP</b>	Stainless steel, hydraulic drive centrifugal pump, 350 L/min. Stainless steel shaft and Viton/ceramic seal. Driven by tractor remotes.	<b>FRAME</b>	Galvanised steel chassis, linkage hitch fitted with hydraulic power pack.			
<b>FANS</b>	320 mm turbine fan, one per air tube, 3600 rpm. Power consumed 29 kw / 38HP.	<b>AGITATION</b>	Venturi agitator.				
<b>HYDRAULIC CONTROL</b>	Hitch mounted hydraulic power pack with; 40L oil reservoir with cartridge particulate filter, motors fitted with case drain, hydraulic distribution block incorporates anti-cavitation and pressure relief valves, 12V oil cooler.	<b>FILTRATION</b>	Lid strainer and large capacity suction filter.				
		<b>WHEEL EQUIPMENT</b>	Tandem simplicity suspension with 10 x 15" tyres (2000L) or 11.5 x 15.3" tyres (3500L).				
<b>NOZZLES</b>	Air shear.	<b>PTO DRIVESHAFT</b>	Quality Bondioli & Pavesi driveshaft with quick release pins & safety cover.				
<b>CONTROLS</b>	Electric section valves with Bravo 180S automatic rate controller. Large 100mm pressure gauge.	<b>HP REQUIRED</b>	Minimum 60 PTO HP (2 row), 80 PTO HP (3 row).				
		<b>DIMENSIONS</b>	<b>L (MM)</b>	<b>W (MM)</b>	<b>H (MM)</b>	<b>KG (DRY)</b>	
		<b>STU28HB5S2</b>	4600	less head	1800	3300	990
				folded	2600		
		<b>STU38HB5S2</b>	4975	less head	1800	3300	1100
				folded	2800		
Length measured with linkage hitch.							

MODEL DESCRIPTION	CODE
2000L TURBO SCRAM TRAILED 2 ROW TURBOWRAP: Includes sprayheads, 4 x 320mm fans, hydraulic drive stainless steel pump, automatic spray rate controller, self contained hydraulic drive system, tandem suspension axle	STU28HB5S2
3500L TURBO SCRAM TRAILED 2 ROW TURBOWRAP: Includes sprayheads, 4 x 320mm fans, hydraulic drive stainless steel pump, automatic spray rate controller, self contained hydraulic drive system, tandem suspension axle	STU38HB5S2
2000L TURBO SCRAM TRAILED 3 ROW TRI-WRAP: Includes sprayheads, 6 x 320mm fans, hydraulic drive stainless steel pump, automatic spray rate controller, self contained hydraulic drive system tandem suspension axle	STU28HB5S3
3500L TURBO SCRAM TRAILED 3 ROW TRI-WRAP: Includes sprayheads, 6 x 320mm fans, hydraulic drive stainless steel pump, automatic spray rate controller, self contained hydraulic drive system, tandem suspension axle	STU38HB5S3
FACTORY OPTIONS	CODE
Bravo 180S spray rate controller with hydraulic controls (in lieu)	J99-180
Hydraulic row width/height adjustment	-
Hydraulic pump driven through power pack	D99-185
100L Flush Tank (to suit 3500L unit)	J99-112
When ordering hydraulic drive pumps, tractor hydraulic capacity and system must be written on order. Note: Not all options will fit all models. Extra charges may apply to fitment of some options.	





# 4000L Turbo SCRAM Turbowrap & Tri Wrap



Vineyards



Pictured: 4000L 3 Row Turbo SCRAM

## MODEL SPECIFICATIONS

<b>HEAD</b>	Two row spraying head: 28 venturi air shear adjustable nozzles with individual metering and on/off taps. Three row spraying head: 42 venturi air shear adjustable nozzles with individual metering and on/off taps. Left & right arms are independent hydraulic folding with adjustable width & centre frame. Boom frame is galvanised.	<b>TANK</b>	Polytuff impact resistant polyethylene construction, calibrated sight line, flip top easy open lid, 50mm camlock bottom fill and hand wash tank. (G2 fitted with flush tank and chemical mixer hopper)				
	<b>PUMP</b>		Stainless steel, hydraulic drive centrifugal pump, 350 L/min. Stainless steel shaft and Viton/ceramic seal. Driven by tractor remotes.	<b>FRAME</b>	Galvanised steel chassis, linkage hitch fitted with hydraulic power pack.		
<b>FANS</b>	320 mm turbine fan, one per air tube, 3600 rpm. Power consumed 29 kw / 38HP.	<b>AGITATION</b>	Venturi agitator.				
<b>HYDRAULIC CONTROL</b>	Hitch mounted hydraulic power pack with; 40L oil reservoir with cartridge particulate filter, motors fitted with case drain, hydraulic distribution block incorporates anti-cavitation and pressure relief valves, 12V oil cooler.	<b>FILTRATION</b>	Lid strainer and large capacity suction filter.				
<b>NOZZLES</b>	Air shear.	<b>WHEEL EQUIPMENT</b>	Tandem simplicity suspension axle with 11.5 x 15.3" tyres.				
<b>CONTROLS</b>	Electric section valves with Bravo 180S automatic rate controller. Large 100mm pressure gauge.	<b>PTO DRIVESHAFT</b>	Quality Bondioli & Pavesi driveshaft with quick release pins & safety cover.				
		<b>HP REQUIRED</b>	Minimum 65 PTO HP (2 row), 80 PTO HP (3 row)				
		<b>DIMENSIONS</b>	<b>L (MM)</b>	<b>W (MM)</b>		<b>H (MM)</b>	<b>KG (DRY)</b>
		<b>SETU48HB6S2</b>	5230	less head	1950	3300	1820
				folded	2800		
		<b>STU48HB6S2</b>	5730	less head	1950	3300	2000
				folded	2800		
		Length measured with linkage hitch.					

MODEL DESCRIPTION	CODE
4000L G2E TURBO SCRAM TRAILED 2 ROW TURBOWRAP: Includes sprayheads 4 x 320mm fans, Hydraulic drive stainless steel pump, automatic spray rate controller, self contained hydraulic drive system, tandem suspension axle	SETU48HB6S2
4000L G2 TURBO SCRAM TRAILED 2 ROW TURBOWRAP: Includes sprayheads 4 x 320mm fans, Hydraulic drive stainless steel pump, automatic spray rate controller, self contained hydraulic drive system, tandem suspension axle	STU48HB6S2
4000L G2E TURBO SCRAM TRAILED 3 ROW TRI-WRAP: Includes sprayheads 6 x 320mm fans, Hydraulic drive stainless steel pump, automatic spray rate controller, self contained hydraulic drive system tandem suspension axle	SETU48HB6S3
4000L G2 TURBO SCRAM TRAILED 3 ROW TRI-WRAP: Includes sprayheads 6 x 320mm fans, Hydraulic drive stainless steel pump, automatic spray rate controller, self contained hydraulic drive system, tandem suspension axle	STU48HB6S3
FACTORY OPTIONS	CODE
Bravo 180S spray rate controller with hydraulic controls (in lieu)	J99-180
Hydraulic row width/height adjustment	-
Hydraulic pump driven through power pack	D99-185
100L Flush Tank (to suit G2E)	J99-112

When ordering hydraulic drive pumps, tractor hydraulic capacity and system must be written on order. Note: Not all options will fit all models. Extra charges may apply to fitment of some options.



# Linkage Sprayers

*Silvan linkage sprayers can be equipped to suit herbicide & fungicide applications in a range of crops and are ideal for the management of harmful pests that impact farm productivity.*



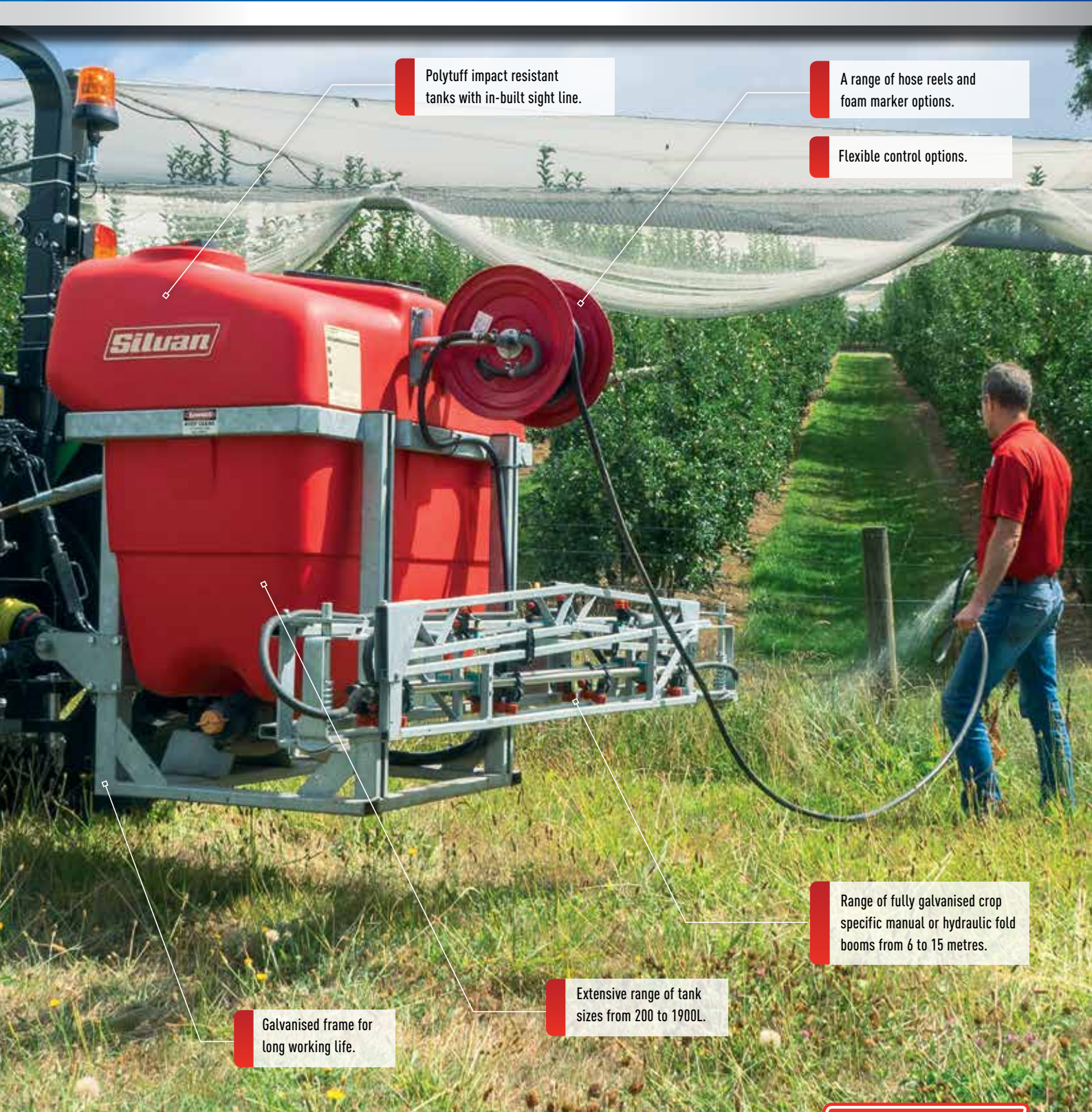


Silvan is a leader in the design of three point linkage sprayers and the largest Australasian manufacturer of best-in-class linkage sprayers and related machinery. With over fifty years experience, we can advise a sprayer to match your tractor and application, whether for one hectare or one thousand.

Insects and fungi can restrict a plant's growth, whilst weeds compete for water and nutrients reducing pasture production. The Silvan series of three point linkage

sprayers are ideal for the management of harmful pests that impact farm productivity.

Silvan's range of sprayers can be equipped to suit herbicide, insecticide and fungicide applications in a range of crops including orchards, vineyards, vegetables, sugar cane and pasture production. With an extensive range of fully galvanised booms, hose reels & control options, you can customise to your application.



Polytuff impact resistant tanks with in-built sight line.

A range of hose reels and foam marker options.

Flexible control options.

Galvanised frame for long working life.

Extensive range of tank sizes from 200 to 1900L.

Range of fully galvanised crop specific manual or hydraulic fold booms from 6 to 15 metres.



# EconoPak - Linkage Sprayer



Pictured: 400L EconoPak

## MODEL SPECIFICATIONS

<b>PUMP</b>	Silvan self-priming oil-backed diaphragm type with nitrile diaphragms and cast anodised aluminium body. BP60/20: 58 L/min. capacity 2000kPa pressure.	<b>AGITATION</b>	Bypass agitation.			
<b>BOOM</b>	Econopak boom: 6m with stainless steel spray lines, non-drip nozzle holders, fully galvanised frame and spring loaded safety break back/forward.	<b>PRESSURE GAUGE</b>	0-25 Bar dual stage glycerine filled gauge.			
<b>NOZZLES</b>	Air induction nozzles with strainer in bayonet fit non-drip nozzle holders at 50cm spacings.	<b>FILTRATION</b>	Lid strainer, suction line strainer and nozzle strainers.			
<b>CONTROLS</b>	3 outlet manual control valve with pressure regulator. Mounted forward for easy access.	<b>HOSE REEL</b>	Fitted with rear-mounted Eco hosereel, 30m of 10mm hose and Spotjet spraygun with adjustable spray nozzle.			
<b>TANK</b>	Polytuff impact resistant polyethylene construction, moulded litre calibrations and non-spill screw-down lid with single breather.	<b>PTO DRIVESHAFT</b>	Quality driveshaft with quick release pins & safety cover.			
<b>FRAME</b>	Fully galvanised steel, cat I & II linkage.	<b>DIMENSIONS</b>	<b>L (MM)</b>	<b>W (MM)</b>	<b>H (MM)</b>	<b>KG (DRY)</b>
		<b>KBC300 (WITH BOOM)</b>	1105	2067	1070	116
		<b>KBC400 (WITH BOOM)</b>	1105	2067	1310	121
		<b>KBC600 (WITH BOOM)</b>	1200	2067	1400	151

## MODEL DESCRIPTION

MODEL DESCRIPTION	CODE
300L ECONOPAK LINKAGE SPRAYER: BP60/20 pump, reel, hose & gun, 6m Econopak boom	KBC300
400L ECONOPAK LINKAGE SPRAYER: BP60/20 pump, reel, hose & gun, 6m Econopak boom	KBC400
600L ECONOPAK LINKAGE SPRAYER: BP60/20 pump, reel, hose & gun, 6m Econopak boom	KBC600

## OPTIONS\*

OPTIONS*	CODE
14L foam marker (single side)	K99-31
16L foam marker (double side)	K99-39

\*Note: Dealer fitment. \$500 charge applies for factory fitment.





# PasturePak - Linkage Sprayer



Pictured: 600L PasturePak with 8m boom

## MODEL SPECIFICATIONS

<b>PUMP</b>	Silvan self-priming oil-backed diaphragm type with nitrile diaphragms and corrosion resistant, cast anodised aluminium body with raised pump mount. BP60/20: 58 L/min. capacity 2000kPa pressure. BP75/20: 71 L/min. capacity 2000kPa pressure.	<b>FRAME</b>	Fully galvanised steel, cat I & II linkage on 400L, cat II linkage on 600L and 800L.				
	<b>BOOM</b>	Field boom: 6m or 8m with stainless steel spray lines, non-drip nozzle holders, fully galvanised frame, nozzle protection and spring loaded safety break back/forward.	<b>AGITATION</b>	Bypass agitation.			
			<b>PRESSURE GAUGE</b>	0-25 Bar dual stage glycerine filled gauge.			
<b>NOZZLES</b>	Air induction nozzles with strainer in bayonet fit non-drip nozzle holders at 50cm spacings.	<b>FILTRATION</b>	Lid strainer, suction line strainer with stop valve fitted at side of tank to enable easy filter maintenance and nozzle cup strainers.				
<b>CONTROLS</b>	3 outlet manual control valve with pressure regulator. Mounted forward for easy access.	<b>HOSE REEL</b>	Fitted with rear-mounted hosereel, including 20m of 12mm I.D. quality pressure hose & Triam 49 spraygun with convenient trigger action & spray pattern adjustment.				
<b>TANK</b>	Low profile, 400/600/800L polytuff impact resistant polyethylene construction, external sightline with floating ball and non-spill offset screw-down lid with single breather. 15L fresh water tank with screw down lid and on/off tap. 4L toolbox with polyethylene lid.	<b>PTO DRIVESHAFT</b>	Quality driveshaft with quick release pins & safety cover.				
		<b>DIMENSIONS</b>	<b>L (MM)</b>	<b>W (MM)</b>	<b>H (MM)</b>	<b>KG (DRY)</b>	
		<b>KBE400 (WITH BOOM)</b>	1050	2067	1200	150	
		<b>KBE600 (WITH BOOM)</b>	1350	2067	1300	180	
<b>KBE800 (WITH BOOM)</b>	1460	2067	1315	210			

## MODEL DESCRIPTION

MODEL DESCRIPTION	CODE
400L PASTUREPAK LINKAGE SPRAYER: BP60/20 pump, reel, hose & gun, 6m Field boom	KBE400
400L PASTUREPAK LINKAGE SPRAYER: BP60/20 pump, reel, hose & gun, 8m Field boom	KBF400
600L PASTUREPAK LINKAGE SPRAYER: BP60/20 pump, reel, hose & gun, 6m Field boom	KBE600
600L PASTUREPAK LINKAGE SPRAYER: BP60/20 pump, reel, hose & gun, 8m Field boom	KBF600
800L PASTUREPAK LINKAGE SPRAYER: BP75/20 pump, reel, hose & gun, 6m Field boom	KBE800
800L PASTUREPAK LINKAGE SPRAYER: BP75/20 pump, reel, hose & gun, 8m Field boom	KBF800

NOTE: BOOM AND HOSE REEL NOT FITTED. \$500 ASSEMBLY CHARGE APPLIES

## OPTIONS\*

OPTIONS*	CODE
14L foam marker (single side)	K99-31
16L foam marker (double side)	K99-39

\*Note: Dealer fitment. \$500 charge applies for factory fitment.



# EconoMax - Linkage Sprayer



Pictured: 800L EconoMax

## MODEL SPECIFICATIONS

<b>PUMP</b>	Silvan self-priming oil-backed diaphragm type with nitrile diaphragms and cast anodised aluminium body. BP60/20: 58 L/min. capacity 2000kPa pressure.
<b>BOOM</b>	10m with stainless steel spray lines, non-drip nozzle holders, fully galvanised frame, nozzle protection and spring loaded safety break back/forward.
<b>NOZZLES</b>	Air induction nozzles with strainer in bayonet fit non-drip nozzle holders at 50cm spacings.
<b>CONTROLS</b>	3 outlet manual control valve with pressure regulator. Mounted forward for easy access.
<b>TANK</b>	Polytuff impact resistant polyethylene construction, moulded litre calibrations and non-spill screw-down lid with single breather.
<b>FRAME</b>	Fully galvanised steel. 800L model : Cat I & II linkage 1000L model : Cat II linkage

<b>AGITATION</b>	Bypass agitation.			
<b>PRESSURE GAUGE</b>	0-25 Bar dual stage glycerine filled gauge.			
<b>FILTRATION</b>	Lid strainer, suction line strainer and nozzle strainers.			
<b>HOSE REEL</b>	Fitted with rear-mounted hosereel, 20m of 12mm hose and Triam 49 spraygun with trigger action pattern adjustment.			
<b>PTO DRIVESHAFT</b>	Quality driveshaft with quick release pins & safety cover.			
<b>DIMENSIONS</b>	<b>L (MM)</b>	<b>W (MM)</b>	<b>H (MM)</b>	<b>KG (DRY)</b>
<b>KBC800 (WITH BOOM)</b>	1440	2067	1370	116
<b>KBC1000 (WITH BOOM)</b>	1760	2067	1370	121

## MODEL DESCRIPTION

800L ECONOMAX LINKAGE SPRAYER: BP60/20 pump, reel, hose & gun, 10m Field boom	<b>CODE</b> KBC800
1000L ECONOMAX LINKAGE SPRAYER: BP60/20 pump, reel, hose & gun, 10m Field boom	KBC1000

## OPTIONS\*

14L foam marker (single side)	<b>CODE</b> K99-31
16L foam marker (double side)	K99-39

\*Note: Dealer fitment. \$500 charge applies for factory fitment.





# Super 400/600L - Linkage Sprayer



FOR BOOM  
& HOSE REEL  
SPECIFICATIONS  
SEE PAGES 58-61



Pictured: 600L with BP60/20 pump

MODEL SPECIFICATIONS				
PUMP	Silvan self-priming oil-backed diaphragm type with nitrile diaphragms and corrosion resistant, cast anodised aluminium body with raised pump mount. BP60/20: 58L/min. capacity 2000kPa pressure BP125/20: 121L/min. capacity 2000kPa pressure			
CONTROLS	3 outlet manual control valve with pressure regulator.			
TANK	Low profile, 400 and 600L Polytuff impact resistant polyethylene construction, external sightline with floating ball and non-spill offset screw-down lid with single breather. 15L freshwater tank with screw-down lid and on/off tap. 4L toolbox with polyethylene lid.			
FRAME	Galvanised steel with adjustable cat I & II hitch on 400L and cat II hitch on 600L. Vertical boom channel for positioning the boom at the optimum spray height.			
AGITATION	Bypass agitation.			
PRESSURE GAUGE	0-25 Bar dual stage glycerine filled gauge.			
FILTRATION	Lid strainer, suction line strainer with stop valve fitted at the side of the tank to enable ease of filter maintenance.			
PTO DRIVESHAFT	Quality driveshaft with quick release pins & safety cover.			
DIMENSIONS	L (mm)	W (mm)	H (mm)	Kg (dry)
K04N-60 (LESS BOOM)	930	1020	1200	90
K06N-60 (LESS BOOM)	1025	1150	1300	105

MODEL DESCRIPTION	CODE
400L LINKAGE: BP60/20 pump, no boom	K04N-60
400L LINKAGE: BP125/20 pump, no boom	K04N-105
600L LINKAGE: BP60/20 pump, no boom	K06N-60
600L LINKAGE: BP125/20 pump, no boom	K06N-105
FACTORY OPTIONS*	CODE
6m Field boom	032-044-6
8m Field boom	032-044-8
10m Field boom	032-044-10
6m Devil boom with hydraulic fold	032-19D
8m Devil boom with hydraulic fold	032-25D
10m Devil boom with hydraulic fold	032-32DM
Hydraulic lift, galvanised single hydraulic system - 6, 8 & 10m devil booms	032-19DL
8 Jet vine boom	032-G
10 Jet vine boom	032-H
Olive boom (Used with BP125/20 pump only)	032-R
Undervine and mid row boom	032-HERB
Boomless nozzle mounting kit (brass nozzle not included)	K99-10
70L flush tank kit to flush the filter, spraylines and nozzles (600L only)	K99-47
14L foam marker (single side)	K99-31
16L foam marker (double side)	K99-39
57L Paddock marker foam marker	K99-43
Economy hosereel, 20m hose (12mm ID) with Triam spraygun	180E02012CT
Reel tuff 12V remote reel with Turbo 400 spray gun (600L only) inc. APS41 pump upgrade	K99-51
Electric on/off control 3 section	K99-34
Electric control 3 section with in cab pressure adjustment	K99-29
Bravo 180S automatic rate controller	J99-151

Note: Not all options will fit all models. Extra charges may apply to fitment.



# Super 800/1100L - Linkage Sprayer



Pictured: 1100L with BP125/20 pump and optional flush tank



Pictured: 800L with BP125/20 pump

## MODEL SPECIFICATIONS

<b>PUMP</b>	Silvan self-priming oil-backed diaphragm type with nitrile diaphragms and corrosion resistant, cast anodised aluminium body with raised pump mount. BP75/20: 71L/min. capacity 2000kPa pressure. BP125/20: 121L/min. capacity 2000kPa pressure.			
<b>CONTROLS</b>	3 outlet manual control valve with pressure regulator.			
<b>TANK</b>	Low profile, 800 and 1100L Polytuff impact resistant polyethylene construction, external sightline with floating ball and non-spill offset screw-down lid with single breather. 15L freshwater tank with screw-down lid and on/off tap. 4L toolbox with polythylene lid. 50mm Camlock bottom fill (1100L only).			
<b>FRAME</b>	Galvanised steel, with adjustable cat II hitch. Vertical boom channel positions boom at optimum spray height.			
<b>AGITATION</b>	Bypass agitation.			
<b>CHEMICAL INDUCTION</b>	1100L: Venturi suction probe with detachable hose.			
<b>PRESSURE GAUGE</b>	0-25 Bar dual stage glycerine filled gauge.			
<b>FILTRATION</b>	Lid strainer, suction line strainer with stop valve fitted at the side of the tank to enable ease of filter maintenance.			
<b>PTO DRIVESHAFT</b>	Quality driveshaft with quick release pins & safety cover.			
<b>DIMENSIONS</b>	<b>L (MM)</b>	<b>W (MM)</b>	<b>H (MM)</b>	<b>KG (DRY)</b>
K08N-75 (LESS BOOM)	1350	1395	1315	145
K11NH-75 (LESS BOOM)	1350	1395	1610	160

MODEL DESCRIPTION	CODE
800L LINKAGE: BP75/20 pump, no boom	K08N-75
800L LINKAGE: BP125/20 pump, no boom	K08N-125
1100L LINKAGE: BP75/20 pump, no boom	K11NH-75
1100L LINKAGE: BP125/20 pump, no boom	K11NH-125
FACTORY OPTIONS*	CODE
6m Field boom	032-044-6
8m Field boom	032-044-8
10m Field boom	032-044-10
6m Devil boom with hydraulic fold	032-19D
8m Devil boom with hydraulic fold	032-25D
10m Devil boom with hydraulic fold	032-32DM
10m HD Devil boom with hydraulic fold	032-32D
12m HD Devil boom with hydraulic fold**	032-40D
14m HD Devil boom with hydraulic fold**	032-48D
15m HD Devil boom with hydraulic fold**	032-50D
Hydraulic lift, galvanised single hydraulic system - 6, 8 & 10m devil booms	032-19DL
Hydraulic lift, galvanised single hydraulic system - 10, 12, 14 & 15m HD Devil booms	032-40DL
Hydraulic lift with airbag suspension - 10, 12, 14 & 15m HD Devil booms	032-40DLAB
8 Jet vine boom (Used with BP60/20 pump only)	032-G
10 Jet vine boom (Used with BP60/20 pump only)	032-H
Olive boom (Use with BP125/20 pump only)	032-R
Undervine and mid row boom	032-HERB
Boomless nozzle mounting kit (brass nozzle not included)	K99-10
70L flush tank kit to flush the filter, spraylines and nozzles	K99-47
16L foam marker (double side)	K99-39
57L Paddock marker foam marker	K99-43
Economy hosereel, 20m hose (12mm ID) & Triam spraygun	180E02012CT
Reel tuff 12V remote reel with Turbo 400 spray gun. inc. APS41 pump upgrade	K99-51
Electric on/off control 3 section	K99-34
Electric control 3 section with in cab pressure adjustment	K99-29
Bravo 180S automatic rate controller	J99-151
Silmix chemical hopper	K99-21
<b>Note: Not all options will fit all models. Extra charges may apply to fitment.</b>	
<b>** If fitting 12, 14 &amp; 15m HD Devil boom to a 800L TPL add \$800 for heavier frame</b>	



# 1600/1900L - Linkage Sprayer



**FOR BOOM  
& HOSE REEL  
SPECIFICATIONS  
SEE PAGES 58-61**



Pictured: 1600L Linkage Sprayer with optional 14m HD Devil boom

MODEL SPECIFICATIONS				
<b>PUMP</b>	Silvan self-priming oil-backed diaphragm type with nitrile diaphragms and corrosion resistant, cast anodised aluminium body with raised pump mount. BP125/20: 121L/min. capacity 2000kPa pressure.			
<b>CONTROLS</b>	3 section Silvamatic electric controls with pressure compensating direct acting valves. On/off and pressure adjustment in cab.			
<b>TANK</b>	1600 and 1900L Polytuff impact resistant polyethylene construction, external sightline with floating ball and non-spill offset screw-down lid with single breather. 10L hand wash tank with screw-down lid and on/off tap. 150L flush tank with screw down lid and external sightline. 50mm Camlock bottom fill.			
<b>FRAME</b>	Galvanised steel, with adjustable cat II & cat III hitch. Vertical boom channel positions boom at optimum spray height.			
<b>AGITATION</b>	Bypass agitation.			
<b>CHEMICAL INDUCTION</b>	30L Silmix chemical hopper mounted on side of tank.			
<b>PRESSURE GAUGE</b>	0-25 Bar dual stage glycerine filled gauge.			
<b>FILTRATION</b>	Lid strainer, suction line strainer with stop valve fitted at the side of the tank to enable ease of filter maintenance.			
<b>PTO DRIVESHAFT</b>	Quality driveshaft with quick release pins & safety cover.			
<b>DIMENSIONS</b>	<b>L (mm)</b>	<b>W (mm)</b>	<b>H (mm)</b>	<b>KG (dry)</b>
K16NH-125 (LESS BOOM)	1480	2300	2300	650
K19NH-125E (LESS BOOM)	1480	2300	2570	665

MODEL DESCRIPTION	CODE
1600L LINKAGE: BP125/20 pump, no boom	K16NH-125
1900L LINKAGE: BP125/20 pump, no boom	K19NH-125E
FACTORY OPTIONS*	CODE
10m HD Devil boom with hydraulic fold	032-32D
12m HD Devil boom with hydraulic fold	032-40D
14m HD Devil boom with hydraulic fold	032-48D
15m HD Devil boom with hydraulic fold	032-50D
Hydraulic lift with airbag suspension - 10, 12, 14 and 15m HD Devil Booms	032-40DLAB
Parellelogram airbag suspension - 10, 12, 14 and 15m HD Devil Booms (no hydraulic lift)	032-40DLAB-2
57L Paddock marker foam marker	K99-43
Bravo 180S automatic rate controller	J99-146
<b>Note: Not all options will fit all models. Extra charges may apply to fitment.</b>	



# Slimline 200/300/400L - Linkage Sprayer



Pictured: 200L with BP20/15 pump



Pictured: 300L with BP20/15 pump



Pictured: 400L with BP60/20 pump

FOR BOOM  
& HOSE REEL  
SPECIFICATIONS  
**SEE PAGES 58-61**



MODEL SPECIFICATIONS				
<b>PUMP</b>	Silvan self-priming oil-backed diaphragm type with nitrile diaphragms and corrosion resistant, cast anodised aluminium body. BP20/15: 20L/min. capacity 1500kPa pressure. BP60/20: 58L/min. capacity 2000kPa pressure.			
<b>CONTROLS</b>	BP20/15: 2 outlet control valve with pressure regulation. BP60/20: 3 outlet control valve with pressure regulation.			
<b>TANK</b>	Polytuff impact resistant polyethylene construction, moulded litre calibrations and non-spill screw-down lid with single breather.			
<b>FRAME</b>	Fully galvanised steel, cat. I & II linkage.			
<b>AGITATION</b>	Bypass agitation.			
<b>PRESSURE GAUGE</b>	0-25 Bar dual stage glycerine filled gauge.			
<b>FILTRATION</b>	Lid strainer, suction line strainer.			
<b>PTO DRIVESHAFT</b>	Quality driveshaft with quick release pins & safety cover.			
<b>DIMENSIONS</b>	<b>L (MM)</b>	<b>W (MM)</b>	<b>H (MM)</b>	<b>KG (DRY)</b>
K02S-20	920	740	920	60
K03-20	1105	740	1070	70
K04-60	1105	740	1310	75

MODEL DESCRIPTION	CODE
200L LINKAGE SPRAYER: BP20/15 pump, no boom	K02S-20
300L LINKAGE SPRAYER: BP20/15 pump, no boom	K03-20
300L LINKAGE SPRAYER: BP60/20 pump, no boom	K03-60
400L LINKAGE SPRAYER: BP60/20 pump, no boom	K04-60
DEALER FITTED OPTIONS	CODE
6m Field boom	032-044-6
8m Field boom	032-044-8
8 Jet vine boom (Used with BP60/20 pump only)	032-G
10 Jet vine boom (Used with BP60/20 pump only)	032-H
Undervine & mid row boom	032-HERB
Boomless nozzle mounting kit (brass nozzle not included)	K99-11
14L foam marker (single side)	K99-31
16L foam marker (double side)	K99-39
Economy hosereel, 30m hose (12mm ID), PA spray gun & extension lance	180E03010C
Electric on/off control-3 section (GOYEN solenoids)	M99-14
<b>Note: Not all options will fit all models. Extra charges may apply to factory fitment of some options.</b>	



# Slimline 800/1000L - Linkage Sprayer



Pictured: 1000L unit with BP125/20 pump and one lever control valve

MODEL SPECIFICATIONS				
<b>PUMP</b>	Silvan self-priming oil-backed diaphragm type with nitrile diaphragms and corrosion resistant, cast anodised aluminium body with raised pump mount (1000L only). BP60/20: 58L/min. capacity 2000kPa pressure. BP125/20: 121L/min. capacity 2000kPa pressure.			
<b>CONTROLS</b>	BP60/20: 3 outlet control valve with pressure regulation. BP125/20: 1 lever, 4 outlet control valve with pressure regulation.			
<b>TANK</b>	Polytuff impact resistant polyethylene construction, moulded litre calibrations and non-spill screw-down lid with single breather.			
<b>FRAME</b>	800L model: Galvanised steel, cat. 1 & II linkage.			
	1000L model: Galvanised steel with adjustable cat II hitch system. Vertical boom channel for positioning the boom at the optimum spray height.			
<b>AGITATION</b>	Bypass agitation.			
<b>PRESSURE GAUGE</b>	0-25 Bar dual stage glycerine filled gauge.			
<b>FILTRATION</b>	Lid strainer, suction line strainer.			
<b>PTO DRIVESHAFT</b>	Quality driveshaft with quick release pins & safety cover.			
<b>DIMENSIONS</b>	<b>L (MM)</b>	<b>W (MM)</b>	<b>H (MM)</b>	<b>KG (DRY)</b>
<b>K08-60 (LESS BOOM)</b>	1330	980	1370	120
<b>K10-60 (LESS BOOM)</b>	1650	1250	1370	170

MODEL DESCRIPTION		CODE
<b>800L LINKAGE: BP60/20 pump, no boom</b>		K08-60
<b>800L LINKAGE: BP125/20 pump, no boom</b>		K08-105
<b>1000L LINKAGE: BP60/20 pump, no boom</b>		K10-60
<b>1000L LINKAGE: BP125/20 pump, no boom</b>		K10-105
FACTORY OPTIONS*		CODE
6m Field boom		032-044-6
8m Field boom		032-044-8
10m Field boom		032-044-10
6m Devil boom with hydraulic fold		032-19D
8m Devil boom with hydraulic fold		032-25D
10m Devil boom with hydraulic fold		032-32DM
10m HD Devil boom with hydraulic fold		032-32D
12m HD Devil boom with hydraulic fold**		032-40D
14m HD Devil boom with hydraulic fold**		032-48D
15m HD Devil boom with hydraulic fold**		032-50D
Hydraulic lift, galvanised single hydraulic system - 6, 8 & 10m devil booms		032-19DL
Hydraulic lift, galvanised single hydraulic system - 10, 12, 14 & 15m HD devil booms		032-40DL
Hydraulic lift, with airbag suspension - 10, 12, 14 & 15m HD devil booms		032-40DLAB
8 Jet vine boom		032-G
10 Jet vine boom		032-H
Olive boom (Used with BP125/20 pump only)		032-R
Undervine and mid row boom		032-HERB
70L flush tank kit to flush the filter, spraylines and nozzles (1000L only)		K99-47
16L foam marker (double side)		K99-39
57L Paddock marker foam marker		K99-43
Economy hosereel, 20m hose (12mm ID) & Triam spraygun		180E02012CT
Electric control 3 section with in cab pressure adj		K99-29
Bravo 180S automatic rate controller		J99-151
Silmix chemical hopper		K99-21
<b>Note: Not all options will fit all models. Extra charges may apply to fitment.</b>		
<b>** If fitting 12, 14, &amp; 15m Devil boom to a 800L TPL add \$800 for heavier frame</b>		

**FOR BOOM  
& HOSE REEL  
SPECIFICATIONS  
SEE PAGES 58-61**





# Cane Boom - Linkage Sprayer



Pictured: 1100L with 6 row cane boom

MODEL SPECIFICATIONS				
<b>PUMP</b>	Silvan self-priming oil-backed diaphragm type with nitrile diaphragms and corrosion resistant, cast anodised aluminium body. BP60/20: 58 L/min. capacity 2000kPa pressure. BP75/20: 71 L/min. capacity 2000kPa pressure. BP125/20: 121 L/min. capacity 2000kPa pressure.			
<b>BOOM</b>	Cane boom: 4 row or 6 row. Fully galvanised construction, to suit row widths from 1.5 - 1.8m with 500-1300mm shield spray head and brush skirts. Spray heads have heavy duty hinges to withstand drag, parallelogram tracking system.			
<b>NOZZLES</b>	2 x twin nozzle bodies per spray head and air induction nozzles.			
<b>CONTROLS</b>	4 outlet single lever control valve with pressure regulation and gauge.			
<b>TANK</b>	Low profile 600/800/1100L Polyuff impact resistant polyethylene construction, external sightline with floating ball and non-spill offset screw-down lid with single breather. 15L freshwater tank with screw-down lid and on/off tap. 4L toolbox with polyethylene lid. 50mm Camlock bottom fill and venturi chemical suction probe (1100L only).			
<b>FRAME</b>	Fully galvanised steel, cat II adjustable hitch.			
<b>AGITATION</b>	Bypass agitation.			
<b>PRESSURE GAUGE</b>	0-25 Bar dual stage glycerine filled gauge.			
<b>FILTRATION</b>	Lid strainer and suction line strainer with stop valve fitted at side of tank to enable ease of filter maintenance.			
<b>PTO DRIVESHAFT</b>	Quality driveshaft with quick release pins & safety cover.			
<b>DIMENSIONS</b>	<b>L (MM)</b>	<b>W (MM)</b>	<b>H (MM)</b>	<b>KG (DRY)</b>
K06N-60C	1025	1150	1300	105
K08N-75C	1350	1395	1315	145
K11NH-75C	1350	1395	1610	160

MODEL DESCRIPTION		CODE
<b>600L LINKAGE SPRAYER</b> BP60/20 pump, no boom		K06N-60C
<b>600L LINKAGE SPRAYER</b> BP125/20 pump, no boom		K06N-125C
<b>800L LINKAGE SPRAYER</b> BP75/20 pump, no boom		K08N-75C
<b>800L LINKAGE SPRAYER</b> BP125/20 pump, no boom		K08N-125C
<b>1100L LINKAGE SPRAYER</b> BP75/20 pump, no boom		K11NH-75C
<b>1100L LINKAGE SPRAYER</b> BP125/20 pump, no boom		K11NH-125C
BOOM OPTIONS		CODE
<b>4 ROW CANE BOOM</b>		035-4N
<b>6 ROW CANE BOOM</b>		035-6N
Broadacre boom attachment (to suit 4 row)		035-4B
Broadacre boom attachment (to suit 6 row)		035-6B
Hydraulic lift, galvanised single hydraulic system		032-40DL
FACTORY OPTIONS		CODE
70L flush tank kit to flush the filter, spraylines and nozzles		K99-47
Electric control 3 section with in cab pressure adjustment		K99-29
Electric control 4 section with in cab pressure adjustment		K99-49
Electric control 5 section with in cab pressure adjustment		K99-50
Bravo 180S automatic rate controller		J99-151
Silmix chemical hopper		K99-21
Note: Not all options will fit all models. Extra charges may apply to fitment of some options.		

# Casotti - Linkage Sprayer



Pictured: 600L Casotti

## MODEL SPECIFICATIONS

<b>PUMP</b>	Silvan oil-backed diaphragm type with nitrile diaphragms and corrosion resistant, cast anodised aluminium body. APS71: 71L/min. capacity 5000kPa pressure.	<b>AGITATION</b>	Bypass agitation.			
<b>CASOTTI MOTOR</b>	An electric 12 volt motor is connected to the tractor battery which powers the oscillating movement of the nozzle arms. The arms swing 180°. This movement is symmetrical to the tractor's passage.	<b>SPRAY JETS</b>	3 oscillating high pressure jets (20 bar) Up to 12m spray coverage.			
<b>CONTROLS</b>	2 outlet brass manual control valve with pressure regulator. Mounted forward for easy access.	<b>PRESSURE GAUGE</b>	0-60 Bar dual stage glycerine filled gauge.			
<b>TANK</b>	Low profile 600/800/1100L Polytuff impact resistant polyethylene construction, external sightline with floating ball and non-spill offset screw-down lid with single breather. 15L freshwater tank with screw-down lid and on/off tap. 4L toolbox with polythylene lid. 50mm Camlock bottom fill (1100L only).	<b>FILTRATION</b>	Lid strainer, suction line strainer with stop valve fitted at side of tank to enable ease of filter maintenance.			
<b>FRAME</b>	Fully galvanised steel, cat II linkage.	<b>PTO DRIVESHAFT</b>	Quality driveshaft with quick release pins & safety cover.			
		<b>DIMENSIONS</b>	<b>L (MM)</b>	<b>W (MM)</b>	<b>H (MM)</b>	<b>KG (DRY)</b>
		<b>K06N-71WG (LESS KIT)</b>	1025	1150	1300	105
		<b>K08N-71WG (LESS KIT)</b>	1350	1395	1315	145
		<b>K11N-71WG (LESS KIT)</b>	1350	1395	1610	160

## MODEL DESCRIPTION

MODEL DESCRIPTION	CODE
600L LINKAGE CASOTTI SPRAYER: APS71 pump, Casotti kit	K06N-71WG
800L LINKAGE CASOTTI SPRAYER: APS71 pump, Casotti kit	K08N-71WG
1100L LINKAGE CASOTTI SPRAYER: APS71 pump, Casotti kit	K11N-71WG
CASOTTI KIT: With mounting brackets and hydraulic hoses	K99-36



*Silvan's three point linkage and trailed sprayers can be fitted with various booms, hose reels and foam marker options depending on the specific requirements of the application.*

# Booms & Accessories





# Silvan Booms Features

Integrated nozzle protection.

Galvanised boom for corrosion resistance and rust protection.

Air induction nozzles for excellent spray coverage and reduced drift.

Stainless steel spraylines for corrosion resistance and longer working life.

Hydraulic folding options delivers in-cab control for increased convenience.

Non drip nozzle holders.





# Vineyard & Orchard Booms

## UNDER VINE SHIELDED BOOM SPECIFICATIONS

CONSTRUCTION	Plated RHS frame with spring loaded breakaways to protect the boom if an obstacle is struck.
SHIELD	Durable poly boom shields with optional brush skirts to minimise spray drift and avoid snagging.
NOZZLES	Double swivel nozzle holders can be fitted with flat fan or off-centre nozzles.
DESCRIPTION	CODE
UNDER VINE SHIELDED BOOM 480mm long	PF000040
UNDER VINE SHIELDED BOOM 600mm long	PF000039
UNDER VINE AND MID ROW BOOM Includes brush skirts (2.5-4.5m)	032-HERB
BRUSH SKIRT	GP00600010

Note: Not all options will fit all models.  
Extra charges may apply to fitment of some options.

Under vine shielded boom



Under vine and mid row boom

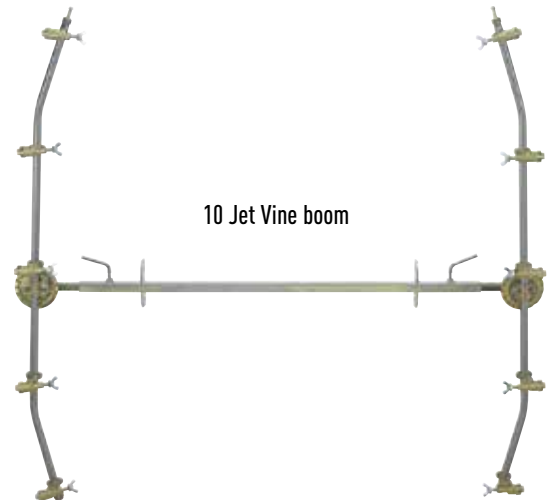


## ADJUSTABLE VINE BOOM SPECIFICATIONS

SIZE	8 jet and 10 jet.
CONSTRUCTION	Plated RHS frame with stainless steel spraylines.
BOOM ADJUSTMENT	Two telescopic arms for width adjustment with pivoting spraybars to adjust spray angle.
NOZZLES	High pressure adjustable brass nozzle holder with ceramic tips. Nozzles can be adjusted from cone to straight jet. Nozzle body angle also variable.
CAPACITY	Recommended 60L/min pump for 8 jet and 90L/min pump for 10 jet vine boom.
DESCRIPTION	CODE
ADJUSTABLE VINE BOOM 8 Jet vine boom	032-G
10 Jet vine boom	032-H

Note: Not all options will fit all models.  
Extra charges may apply to fitment of some options.

10 Jet Vine boom



## OLIVE BOOM SPECIFICATIONS

SIZE	9 jet.
CONSTRUCTION	Fully galvanised all steel construction with stainless steel spraylines.
BOOM ADJUSTMENT	Telescopic arm for width adjustment together with pivoting spraybars to adjust spray angle.
NOZZLES	High pressure adjustable brass nozzle holder with ceramic tips. Nozzles can be adjusted from cone to straight jet. Nozzle body angle also variable.
CAPACITY	Recommended 120L/min pump.
DESCRIPTION	CODE
OLIVE BOOM	032-R

Note: Not all options will fit all models.  
Extra charges may apply to fitment of some options.

Olive boom





# Field & Cane Booms



6m Field boom

FIELD BOOM SPECIFICATIONS	
SIZE	6, 8 and 10m.
CONSTRUCTION	Fully galvanised all steel construction.
BOOM ADJUSTMENT	Booms fold horizontally at rear of sprayer. Break back device that protects boom if obstruction is hit.
SPRAYLINES	Stainless steel spraylines with 50cm nozzle spacings and nozzle protection
NOZZLES	Non-drip nozzle holders, supplied with air induction nozzles and nozzle strainers.

DESCRIPTION	CODE
6M FIELD BOOM	032-044-6
8M FIELD BOOM	032-044-8
10M FIELD BOOM	032-044-10

Note: Not all options will fit all models. Extra charges may apply to fitment of some options.



4 Row Cane boom

CANE BOOM SPECIFICATIONS	
SIZE	4 row or 6 row to suit row widths from 1.5 to 1.8m
CONSTRUCTION	Robust fully galvanised construction.
SPRAYHEADS	Fitted with heavy duty hinges to withstand drag and parallelogram tracking system. Shielded spray head available standard as 900mm with fitted with brush skirts. 500-1300mm width sprayhead options are available.
BOOM FOLDING	Hydraulic twin folding ram mechanism (folding requires one set of tractor remotes) with automatic cable fold mechanism for spray heads.
SPRAYLINES	Stainless steel spraylines.
NOZZLES	Two twin swivel nozzle bodies per spray head with air induction nozzles and nozzle strainers.

MODEL DESCRIPTION	CODE
4 ROW CANE BOOM WITH HYDRAULIC FOLD	035-4N
6 ROW CANE BOOM WITH HYDRAULIC FOLD	035-6N
FACTORY OPTIONS	CODE
Broadacre boom attachment (to suit 4 row)	035-4B
Broadacre boom attachment (to suit 6 row)	035-6B
Hydraulic lift	032-40DL
ACCESSORIES	CODE
Cane Boom Shield Assembly (pair)	K99-40
Cane Boom Parallelogram Arm - Inner (pair)	K99-41
Cane Boom Parallelogram Arm - Outer (pair)	K99-42

Note: Not all options will fit all models. Extra charges may apply to fitment of some options.



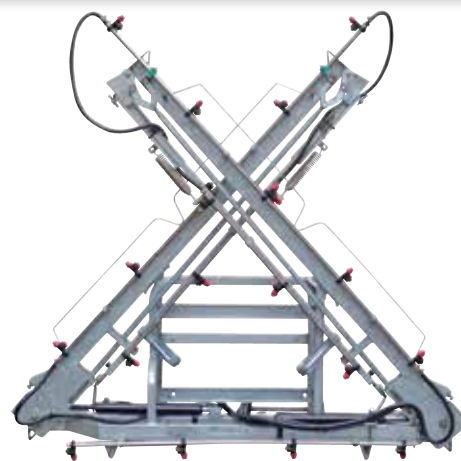
# Devil Booms



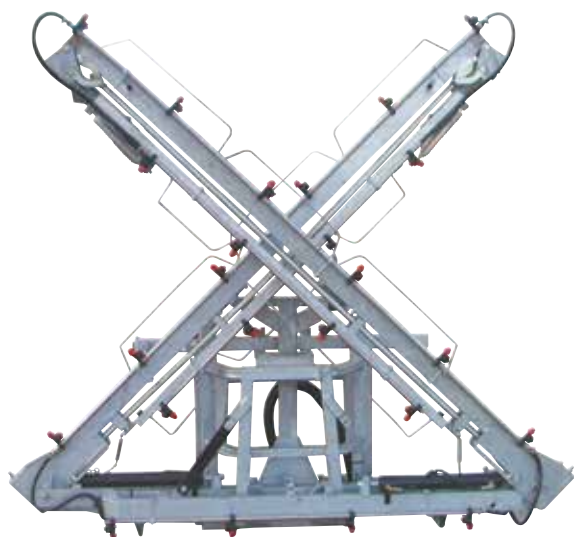
6m Devil boom



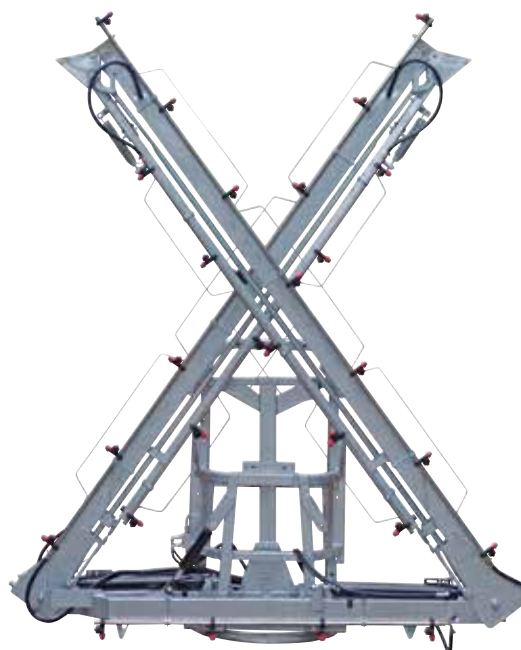
8m Devil boom



10m Devil boom



12m HD Devil boom



14m & 15m HD Devil boom

## DEVIL BOOM SPECIFICATIONS

<b>SIZE</b>	6, 8, 10, 12, 14 and 15m	<b>BOOM ADJUSTMENT</b>	Two independent hydraulic rams. (Folding requires 2 sets of tractor remotes). Spring loaded breakback of outer arm.
<b>CONSTRUCTION</b>	Fully galvanised high-tensile steel truss-section frame.		Hydraulic boom tilt adjustment available on HD Devil booms in lieu of self levelling (requires an extra set of tractor remotes).
<b>SPRAYLINES</b>	Stainless steel spraylines with 50cm nozzle spacings and air induction nozzles.		

MODEL DESCRIPTION	WEIGHT	CODE
6M DEVIL BOOM WITH HYDRAULIC FOLD	60kg	032-19D
8M DEVIL BOOM WITH HYDRAULIC FOLD	120kg	032-25D
10M DEVIL BOOM WITH HYDRAULIC FOLD	133kg	032-32DM
10M HD DEVIL BOOM WITH HYDRAULIC FOLD & SELF LEVELLING	200kg	032-32D
12M HD DEVIL BOOM WITH HYDRAULIC FOLD & SELF LEVELLING	215kg	032-40D
14M HD DEVIL BOOM WITH HYDRAULIC FOLD & SELF LEVELLING	235kg	032-48D
15M HD DEVIL BOOM WITH HYDRAULIC FOLD & SELF LEVELLING	240kg	032-50D

FACTORY OPTIONS	CODE
Hydraulic lift, galvanised single hydraulic system for 6, 8 & 10m Devil booms	032-19DL
Hydraulic lift, galvanised single hydraulic system for 10, 12, 14 & 15m Devil booms	032-40DL
Hydraulic lift, airbag suspension system for HD Devil booms	032-40DLAB
Parallelogram/airbag suspension for HD Devil booms (excludes hydraulic lift)	032-40DLAB-2

Note: Extra charges may apply to fitment of some options.

# Accessories



FREE STANDING SILMIX				
TANK	30L polyethylene tank with 455mm hinged lid.			
FUNCTION	Uses external water supply to activate venturi inductor at the base of the unit to transfer chemicals from hopper to sprayer tank. The same water supply operates the wash bar and drum rinse nozzle in the hopper. Transfer system requires minimum 2 Bar water pressure to operate (max 8 bar).			
CONTROLS	3 on/off taps to control: 1. Powder washer bar inside hopper. 2. Drum rinse nozzle. 3. Chemical transfer venturi. Also has ball valve at base of unit to isolate the tank from the induction venturi.			
DIMENSIONS	L (MM)	W (MM)	H (MM)	KG (DRY)
	640	640	830	15

MODEL DESCRIPTION	CODE
SILVAN 30L SILMIX ON FRAME	042J-06ST



Pictured: 57L Paddock foam marker

PADDOCK FOAM MARKER	
TANK	Polyethylene tank with moulded litre calibration indicators.
COMPRESSOR	Fully sealed, dust free compressor and electrics box with air breather.
CONTROLS	Double sided operation with electric cab control. Needle valve for foam output adjustment.
DROPPERS	2 foam droppers.
HOSE	16L: 16m of delivery hose. 57L: 36m of delivery hose.

MODEL DESCRIPTION	CODE
16L FOAM MARKER	042D-16S
57L PADDOCK FOAM MARKER	042D-57



Pictured: Reel tuff 12V remote reel



Pictured: Pitarm reel kit with 100m of 12mm nylon tube hose & Triarm 49 spray gun



Pictured: Economy reel kit with 30m of 10mm ag hose & PA spray gun

FACTORY OPTIONS	CODE
Reel tuff 12V remote reel (including bracket for super series linkage units)	K99-51
Economy reel, 20m x 12mm ag hose & Triarm 49 spray gun	180E02012CT
Economy reel, 30m x 10mm ag hose & PA spray gun with stainless steel extension	180E03010C
Pitarm reel, 100m x 12mm ag hose & Triarm 49 spray gun	180P10012C
Pitarm reel, 100m x 12mm nylon tube & Triarm 49 spray gun	180P10012T
Pitarm reel bracket (for sled units)	454-44

Note: Not all options will fit all models. Extra charges may apply to fitment of some options.



*Silvan offer sprayers for specific applications which can be customised with an extensive range of options. Designed for use in vineyards, pasture, turf and vegetable production.*

# Trailed & Sled Mount Sprayers



# Trailed Pasture Sprayer



Pictured: 2500L Pasture sprayer with optional 15m Devil boom, mudguards and hydraulic lift

## MODEL SPECIFICATIONS

<b>PUMP</b>	Silvan self-priming oil-backed diaphragm type with nitrile diaphragms & corrosion resistant cast anodised aluminium body. BP125/20: 121L/m. capacity 2000kPa pressure.	<b>FILTER</b>	Lid strainer, suction line filter.			
<b>TANK</b>	Polytuff impact resistant polyethylene construction with calibrated sight line & non-spill screw down lid.	<b>CONTROLS</b>	3 section Silvamatic electric controls with pressure compensating direct acting valves. In cab on/off & pressure adjustment with pressure gauge.			
<b>CHASSIS</b>	Galvanised RHS steel construction with adjustable drawbar and operator platform.	<b>FLUSH TANK</b>	100L			
<b>AXLE</b>	2m track axle with 14.9 x 24" lug tyre.	<b>FRESH WATER</b>	Hand wash tap fitted to flush tank.			
<b>BOTTOM FILL</b>	Bottom fill with 2" camlock coupling.	<b>DIMENSIONS</b>	<b>L (MM)</b>	<b>W (MM)</b>	<b>H (MM)</b>	<b>KG (DRY)</b>
		<b>2A0000FA</b>	4400	2400	2500	800
		<b>3A0000FA</b>	4400	2400	2500	850

## MODEL DESCRIPTION

<b>2500L PASTURE SPRAYER:</b> BP125/20 pump, 3 section electric valve controls	<b>CODE</b>	2A0000FA
<b>3000L PASTURE SPRAYER:</b> BP125/20 pump, 3 section electric valve controls	<b>CODE</b>	3A0000FA

## FACTORY OPTIONS

<b>BP200/20 pump, 195 L/min. capacity, 2000kPa pressure</b>	<b>CODE</b>	J99-82
Hydraulic drive centrifugal pump	<b>CODE</b>	J99-126
5 section Silvamatic electric controls (in lieu)	<b>CODE</b>	J99-13
Bravo 180S automatic rate controller (in lieu)	<b>CODE</b>	J99-146
Bravo 180S automatic rate controller to suit hydraulic control (in lieu)	<b>CODE</b>	J99-180
Mudguards (to suit 14.9 x 24" wheels)	<b>CODE</b>	J99-162
Adjustable track axle (minimum 1500mm) with 11.2 x 44" Lug tyres (2500L only)	<b>CODE</b>	J99-84
Simplicity tandem axle with 15" Lug tyres	<b>CODE</b>	D99-76
2m track axle with 31 x 13.5" Turf tyre	<b>CODE</b>	J99-85
10m HD Devil boom with self levelling	<b>CODE</b>	032-32D
12m HD Devil boom with self levelling	<b>CODE</b>	032-40D
14m HD Devil boom with self levelling*	<b>CODE</b>	032-48D
15m HD Devil boom with self levelling*	<b>CODE</b>	032-50D
Hydraulic lift, galvanised single hydraulic system - 10, 12, 14 and 15 HD Devil booms	<b>CODE</b>	032-40DL
Airbag suspension & hydraulic lift (to suit HD Devil boom)	<b>CODE</b>	032-40DLAB
Parallelogram/airbag suspension (to suit HD Devil boom) - no hydraulic lift	<b>CODE</b>	032-40DLAB-2
57L Paddock Foam Marker	<b>CODE</b>	K99-43
Venturi suction probe	<b>CODE</b>	J99-60
Silmix Chemical Hopper	<b>CODE</b>	K99-21
3 Section electric over hydraulic control	<b>CODE</b>	J99-117
5 Section electric over hydraulic control	<b>CODE</b>	J99-143

Note: Not all options will fit all models. Extra charges may apply to fitment of some options.

\*When fitting 14 & 15m HD devil boom 032-40DLAB or 032-40DLAB-2 must be added.



# Trailed Economy Pasture Sprayer



Pictured: 2000L Economy Pasture sprayer with optional electric controls, 8 metre field boom and 16 Litre foam marker

## MODEL SPECIFICATIONS

<b>PUMP</b>	Silvan self-priming oil-backed diaphragm type with nitrile diaphragms and corrosion resistant, cast anodised aluminium body. BP60/20: 58L/min capacity 2000kPa pressure. BP125/20: 121L/min. capacity 2000kPa pressure	<b>PRESSURE GAUGE</b>	0-25 Bar dual stage glycerine filled gauge mounted on adjustable arm.			
<b>CONTROLS</b>	One lever 3 outlet control with pressure regulator mounted on adjustable arm.	<b>FILTRATION</b>	Lid strainer and suction line strainer			
<b>TANK</b>	Polytuff impact resistant polyethylene construction, calibrated sight line, non-spill screw-down lid with dual breathers.	<b>WHEELS</b>	60mm straight single axle fitted with 15" tubeless tyres on galvanised rims (max speed rating 30km/h).			
<b>FRAME</b>	Galvanised RHS steel construction, jockey wheel & height adjustable tow hitch.	<b>PTO</b>	Quality driveshaft with quick release pins & safety cover.			
<b>AGITATION</b>	Bypass action.	<b>DIMENSIONS</b>	<b>L (MM)</b>	<b>W (MM)</b>	<b>H (MM)</b>	<b>KG (DRY)</b>
		<b>J10-S60</b>	1400	2600	1620	290
		<b>J20-S105</b>	1550	3500	2100	440

## MODEL DESCRIPTION

<b>1000L PASTURE SPRAYER:</b> BP60/20 diaphragm pump manual controls on pump.	<b>CODE</b>	J10-S60
<b>2000L PASTURE SPRAYER:</b> BP125/20 diaphragm pump manual controls on pump.	<b>CODE</b>	J20-S105

## FACTORY OPTIONS

<b>6m Field boom</b>	<b>CODE</b>	032-044-6
<b>6m Devil boom with hydraulic fold</b>	<b>CODE</b>	032-19D
<b>8m Field boom</b>	<b>CODE</b>	032-044-8
<b>8m Devil boom with hydraulic fold</b>	<b>CODE</b>	032-25D
<b>10m Field boom</b>	<b>CODE</b>	032-014-10
<b>10m Devil boom with hydraulic fold</b>	<b>CODE</b>	032-32DM
<b>6, 8 and 10m Devil boom hydraulic lift</b>	<b>CODE</b>	032-19DL
<b>Undervine and mid row boom</b>	<b>CODE</b>	032-HERB
<b>16L foam marker (double sided)</b>	<b>CODE</b>	K99-39
<b>Electric valve controls with pressure regulator and in cab pressure adjustment</b>	<b>CODE</b>	K99-29
<b>Economy hosereel, 20m hose (10mm ID) and Triam spraygun</b>	<b>CODE</b>	180E02012CT
<b>Bravo 180S automatic rate controller</b>	<b>CODE</b>	J99-151
<b>BP125/20, 121L/min capacity, 2000kPa driven by 5.5HP Honda</b>	<b>CODE</b>	CUSH-14

Note: Not all options will fit all models. Extra charges may apply to fitment of some options.



# Trailed Turf Sprayer



Pictured: Trailed Turf Sprayer with optional 8m Devil boom and foam marker

## MODEL SPECIFICATIONS

<b>PUMP</b>	Silvan self-priming, oil-backed diaphragm type with nitrile diaphragms and corrosion resistant, cast anodised body. Direct coupled to 6.5HP Honda motor. BP125/20: 121L/min. capacity 2000 kPa.	<b>PRESSURE GAUGE</b>	0-25 Bar dual stage glycerine filled gauge.			
		<b>FILTRATION</b>	Suction line filter & lid strainer.			
<b>CONTROLS</b>	3 outlet control with pressure regulator mounted on pump. Pressure gauge on control unit.	<b>WHEELS</b>	Tubeless 29 x 13.5 - 15" turf tyres with galvanised rims on 1000L unit.			
<b>TANK</b>	1000/2000L polytuff impact resistant polyethylene construction. Calibrated sight line. Non-spill screw-down lid with breather.		Tubeless 31 x 13.5 - 15" turf tyres with galvanised rims on 2000L unit.			
<b>FRAME</b>	Galvanised RHS steel construction with jockey wheel.	<b>HOSEREEL</b>	30m of 19mm PVC hose and fish mouth fertiliser nozzle.			
<b>AGITATION</b>	Bypass action and venturi agitator.	<b>DIMENSIONS</b>	<b>L (MM)</b>	<b>W (MM)</b>	<b>H (MM)</b>	<b>KG (DRY)</b>
		<b>PR10-01</b>	3400	1870	1825	275
		<b>PR20-2</b>	3500	1550	2100	400

## MODEL DESCRIPTION

**1000L TURF SPRAYER:** BP125/20 diaphragm pump, direct coupled to 6.5HP Honda motor, manual controls on pump and Pitarm hosereel with fish mouth nozzle.

**2000L TURF SPRAYER:** BP125/20 diaphragm pump, direct coupled to 6.5HP Honda motor, manual controls on pump and Pitarm hosereel with fish mouth nozzle.

## CODE

PR10-01

PR20-2

## FACTORY OPTIONS

	CODE
6m Field boom	032-044-6
6m Devil boom with hydraulic fold	032-19D
8m Field boom	032-044-8
8m Devil boom with hydraulic fold	032-25D
10m Field boom	032-014-10
10m Devil boom with hydraulic fold	032-32DM
6, 8 and 10m Devil boom hydraulic lift	032-19DL
16L foam marker (double sided)	K99-39
Electric valve controls with pressure regulator and in cab pressure adjustment	K99-29
Bravo 180S automatic rate controller	J99-151

Note: Not all options will fit all models. Extra charges may apply to fitment of some options.



# Tray Mount Turf Sprayer



Pictured: 400L tray demountable sled sprayer with optional hydraulic 6m Devil boom and foam marker. (Vehicle shown for illustrative purposes only) Suited to 1.2m x 1.4m tray

## MODEL SPECIFICATIONS

<b>PUMP</b>	Silvan self-priming oil-backed diaphragm type with nitrile diaphragms and corrosion resistant, cast anodised aluminium body. BP60/20: 58 L/min capacity, 2000kPa pressure, direct driven by 5.5HP Honda with 6.1 reduction gear box.	<b>FRAME</b>	Fully galvanised RHS steel sled frame for fitment into tray body. Removable stand legs when not in use.
<b>CONTROLS</b>	3 section electric valves. Control box with pressure adjustment and on/off switches mounted on arm close to operator.	<b>AGITATION</b>	Bypass action and venturi jet.
<b>TANK</b>	400L Polytuff impact resistant polyethylene construction with calibrated external sightline, non-spill screw-down lid, internal baffle and sump.	<b>PRESSURE GAUGE</b>	0-25 Bar dual stage glycerine filled gauge.
		<b>FILTRATION</b>	Lid strainer and suction line strainer.
		<b>HOSEREEL</b>	Economy hose reel with 20m x 12mm ag hose and Triam 49 spray gun.

## MODEL DESCRIPTION

**400L TRAY DE-MOUNTABLE SLED SPRAYER:** Sled mounted with BP60/20 pump with 5.5HP Honda engine, electric controls, economy reel, 20m hose and gun (no boom)

## CODE

CUSH-07

## FACTORY OPTIONS

6m Field boom	032-044-6
6m Devil boom with hydraulic fold	032-19D
16L Paddock foam marker (double sided)	K99-39
Bravo 180S automatic rate controller (includes BP125/20 pump upgrade)	CUSH-12
BP125/20 pump, 121 L/min capacity, 2000kPa driven by 5.5HP Honda	CUSH-14

Note: Not all options will fit all models. Extra charges may apply to fitment of some options.



# Trailed Vineyard Herbicide



Pictured: Trailed herbicide sprayer with under-vine & mid row booms



Pictured above: 2000L herbicide unit with non-standard 16" wheels



Pictured: Optional undervine and mid row boom

## MODEL SPECIFICATIONS

<b>PUMP</b>	Silvan self-priming oil-backed diaphragm type with nitrile diaphragms & corrosion resistant, cast anodised aluminium body. BP125/20: 121L/min. capacity 2000 kPa pressure	<b>FILTRATION</b>	Lid strainer & suction line strainer.			
	<b>CONTROLS</b>		Silvomatic 3 section electric valve on/off with in-cab electric pressure adjustment from control box.	<b>WHEEL EQUIPMENT</b>	SINGLE ROW: 50mm Duraflex axle with 50mm drop and sliding adjustment. 15" tyres on galvanised rims (max. speed rating 30 km/h).	
<b>TANK</b>		Polytuff impact resistant polyethylene construction, calibrated sight line & flip-top easy open lid.	3 ROW: Tandem suspension axle with 10" x 15" wheels.			
	<b>FRAME</b>	Galvanised RHS steel construction, jockey wheel & adjustable tow hitch.	<b>PTO DRIVESHAFT</b>	Quality driveshaft with quick release pins & safety cover.		
<b>DIMENSIONS (WITH BOOM)</b>			<b>L (MM)</b>	<b>W (MM)</b>	<b>H (MM)</b>	<b>KG (DRY)</b>
	JB2000-125	3000	1800	1530	400	
	JB2000-1253RT	4600	1800	3300	990	
<b>AGITATION</b>	Bypass action.					
<b>PRESSURE GAUGE</b>	0-25 Bar dual stage glycerine filled gauge.					

## MODEL DESCRIPTION

MODEL DESCRIPTION	CODE
2000L TRAILED HERBICIDE SPRAYER: BP125/20 Pump, electric valve controls	JB2000-125
2000L TRAILED 3 ROW HERBICIDE SPRAYER: BP125/20 Pump (with under-vine and mid row booms)	JB2000-1253RT
3000L TRAILED 3 ROW HERBICIDE SPRAYER: BP125/20 Pump (with under-vine and mid row booms)	JB3000-1253RT

## FACTORY OPTION

FACTORY OPTION	CODE
Undervine and mid row boom (to suit JB2000-125)	032-HERB
Bravo 180S automatic spray rate controller	J99-146
Hydraulic drive centrifugal pump	J99-126
Hydraulic row width and height adjustment	-

When ordering hydraulic drive pumps, tractor hydraulic capacity and system must be on order. Note: Extra charges may apply to fitment of some options. Note: Not all options will fit all models. Extra charges may apply to fitment of some options.



# Trailed Orchard Herbicide

FULL SHIELDED BOOM AVAILABLE



Pictured: Trailed 2000L sprayer with optional hydraulic drive pump

## MODEL SPECIFICATIONS

<b>PUMP</b>	Silvan self-priming oil-backed diaphragm type with nitrile diaphragms and corrosion resistant, cast anodised aluminium body. BP125/20: 121L/min. capacity 2000 kPa pressure	<b>FRAME</b>	Galvanised RHS heavy duty steel construction, jockey wheel and adjustable tow hitch.			
	<b>CONTROLS</b>	3 section electric valve on/off with electric pressure adjustment from cab mounted control box.	<b>AGITATION</b>	Bypass action.		
<b>PRESSURE GAUGE</b>			0-25 Bar dual stage glycerine filled gauge.			
<b>TANK</b>	Polytuff impact resistant polyethylene construction, calibrated sight line.	<b>FILTRATION</b>	Lid strainer, suction line strainer & nozzle strainers.			
<b>BOOM</b>	6 metre fully galvanised hydraulic fold boom with stainless steel spraylines and air induction nozzles. Front mounted boom arms with independent hydraulic fold and rear mounted centre boom.	<b>WHEEL EQUIPMENT</b>	Single axle with 31/13.5 x 15" flotation tyres.			
		<b>PTO DRIVESHAFT</b>	Quality driveshaft with quick release pins & safety cover.			
		<b>DIMENSIONS (BOOM FOLDED)</b>	<b>L (MM)</b>	<b>W (MM)</b>	<b>H (MM)</b>	<b>KG (DRY)</b>
		JB2BA-125	3500	1550	2100	440

## MODEL DESCRIPTION

2000L TRAILED ORCHARD HERBICIDE SPRAYER: BP125/20 Pump and hydraulic fold boom

## CODE

JB2BA-125

## FACTORY FITTED OPTIONS

Bravo 180S automatic spray rate controller

J99-146

Hydraulic drive centrifugal pump

J99-126

When ordering hydraulic drive pumps, tractor hydraulic capacity and system must be on order. Note: Extra charges may apply to fitment of some options.





# Guidance Systems and Controllers

*For increased spraying efficiency, various technology options such as automatic spray rate controllers, in-cab electric controls and GPS guidance systems are available.*





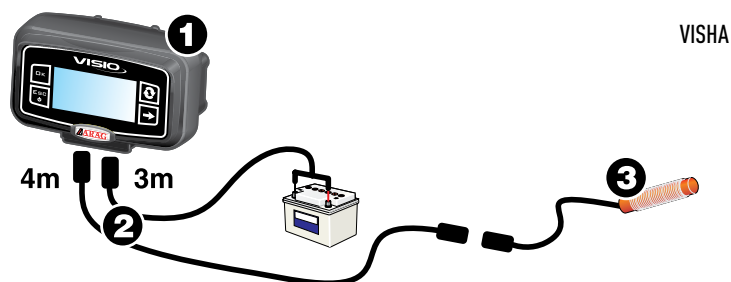
# Visio Spray Monitor



## VISIO HECTARE METER

Simultaneous display of area and ground speed using an inductive speed sensor.

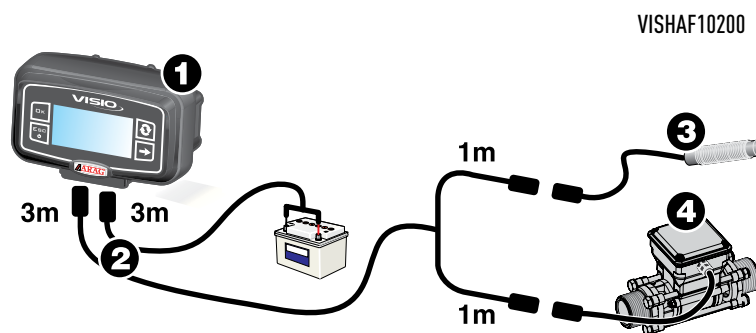
1. Visio display unit
2. Cable kit for one sensor
3. Inductive speed sensor



## VISIO RATE MONITOR

Display of ground speed, area, flow rate, application rate and volume using a 10-200 L/min (40 Bar) flow sensor.

1. Visio Display unit
2. Cable kit for two sensors
3. Inductive speed sensor
4. 10 - 200 L/min Wolf flowmeter



### VISIO SPECIFICATIONS

Visio is the innovative multi-function display featuring compact dimensions and accuracy at an affordable price. It can be connected to several sensors, to view a wide range of data from agricultural spraying applications.

**KIT CONTENTS** Display, cable kits, speed/flow sensors

**DISPLAY** Backlit LCD screen

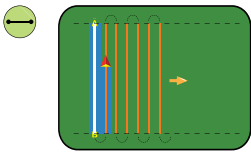
DESCRIPTION	CODE
VISIO Hectare Meter	VISHA
VISIO Rate Monitor	VISHAF10200

Note: Extra components may be needed

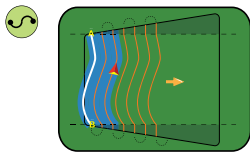
# Guidance Systems

## NAVIGATOR GUIDANCE FUNCTIONS

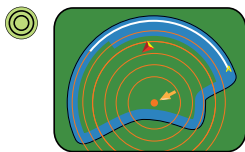
Straight A-B Guidance



Curved A-B Guidance



Circle Pivot Guidance



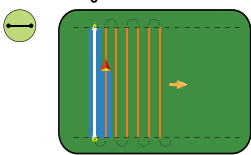
## NAVIGATOR LT

The Navigator LT is a complete GPS system with 5.7" display that provides enhanced visual guidance with a light bar and on screen guidance. The SD card port can be used to download reports on where you have sprayed, area covered and time spent.

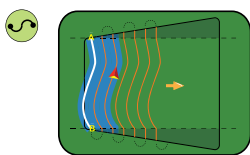
FEATURES	5.7" display, SD card port, external antenna, integrated GPS receiver
DESCRIPTION	CODE
NAVIGATOR LT GPS	4674A1000

## MATRIX GUIDANCE FUNCTIONS

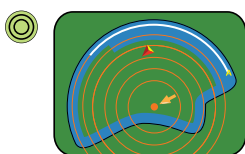
Straight A-B Guidance



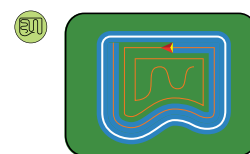
Curved A-B Guidance



Circle Pivot Guidance



Last Pass Guidance



## MATRIX 430

The Matrix 430 utilises GPS technology to guide tractors and machinery during boom spraying or fertiliser spreading to minimise overlap/underlap.

FEATURES	4.3" colour display, integrated USB port, external patch antenna
DESCRIPTION	CODE
MATRIX 430	GD430-GLO-P-L



# Bravo Tree Sensor Kits

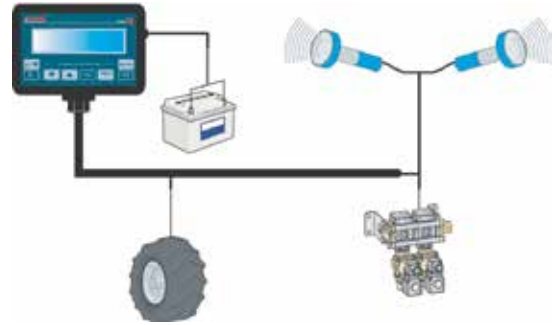


Bravo140



Ultrasonic

Sensor



## BRAVO 140 KIT SPECIFICATIONS

The Bravo 140 tree sensor detects tree canopies, trunks or stakes via ultrasonic sensors mounted at the front of the sprayer. The sprayer then only sprays the tree, not the spaces in between. You not only use significantly less chemical, your tank refills are reduced saving you time and money.

DISPLAY	Speed, sprayed tree, number of trees, sensor status
CONTROL	Up to 2 ultrasonic sensors and 2 sections
KIT CONTENTS	Kit includes control box, tractor loom, sprayer loom, ultrasonic sensors, speed sensor and solenoids
<b>DESCRIPTION</b>	<b>CODE</b>
ARAG BRAVO 140	D99-165

Note: Extra components may be needed



## IBX100 ISOBUS SPRAYER CONTROL

An ISOBUS compatible controller designed to integrate with tractor terminals such as John Deere® and Topcon®. It utilises the existing ISOBUS compatible tractor terminal for spray rate control and automatic section control.

CONTROL	Controls up to 13 spray sections, 9 hydraulic controls
<b>DESCRIPTION</b>	<b>CODE</b>
IBX100 CONTROL UNIT	4679004

Note: Extra components may be needed

# Bravo Rate Controller Kits



## BRAVO 180S SPRAY RATE CONTROLLER KIT SPECIFICATIONS

A compact and easy to use spray controller that ensures constant and precise rate control.

<b>DISTRIBUTION CONTROL</b>	Automatic adjustment of spray application rate by measuring flow and speed.
<b>SECTIONS</b>	Control of up to 5 sections.
<b>KIT CONTENTS</b>	Kit includes control box, tractor loom, sprayer loom and speed sensor.
<b>DISPLAY</b>	Simultaneous display of application rate (l/ha) and: speed, area, sprayed quantity, tank level, flow rate (l/min), operating time and distance.
<b>DESCRIPTION</b>	<b>CODE</b>
ARAG Bravo 180S - 2 sections (For horticultural applications)	BRAVO180SHKIT
ARAG Bravo 180S - 4 sections (For multi-row applications)	BRAVO180HKIT
ARAG Bravo 180S - 5 sections (For broadacre applications)	BRAVO180BAKIT

Note: Extra components including electric valves and flow meter may be needed



## BRAVO 400S LT SPRAY RATE CONTROLLER SPECIFICATIONS

A highly flexible combination of GPS guidance, automatic section control and accurate rate control allows unmatched efficiency.

<b>DISTRIBUTION CONTROL</b>	Automatic adjustment of spray application rate by measuring flow and speed.
<b>SECTIONS</b>	Controls up to 7 spray sections ( <b>3 wire valves only</b> ) and 7 hydraulic functions.
<b>KIT CONTENTS</b>	Control box, tractor loom, sprayer loom and GPS antenna.
<b>MEMORY</b>	SD card to store working reports; path and treatment data for each area.
<b>DISPLAY</b>	High resolution 5.7" display.
<b>DESCRIPTION</b>	<b>CODE</b>
ARAG Bravo 400S LT - 7 sections	4674L0701
ARAG Bravo 400S LT - 7 sections + 7 hydraulic	4674L0713

Note: Extra components including electric valves and flow meter may be needed



# Electric Control Kits



## SILVAMATIC ELECTRIC SPRAY CONTROL KIT

Features an in-cab control box with proportional pressure compensating valves designed to maintain constant pressure and output even after one or more boom sections are closed.

- Direct acting valves
- Stainless steel components and viton seals
- 3 boom section outlet with 12mm tails
- On/off and pressure adjustment switch
- Individual valves have own compensating device

KIT CONTENTS	Kit includes control box, tractor loom, sprayer loom and valves
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DESCRIPTION	CODE
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SILVAMATIC CONTROL KIT	461530A
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Note: Extra components may be needed



## HIGH PRESSURE ELECTRIC VALVE KIT

Modular 12 volt DC electric control kit ideal for use on high pressure orchard sprayers. Supplied complete with 2 on/off electric valves for left or right side spraying and 1 bypass electric valve, electric pressure regulator, manual pressure regulator and pressure filter. Control switch box suitable for mounting in tractor cabin with electric wiring loom.

KIT CONTENTS	Kit includes control box, tractor loom, sprayer loom and valves
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DESCRIPTION	CODE
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HIGH PRESSURE ELECTRIC VALVE KIT	D99-80
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Note: Extra components may be needed



## ELECTRIC SOLENOID KIT

Medium pressure control kit is ideal for boom spray applications and is available in three section on/off with control box suitable for mounting in tractor cabin and electric wiring loom. Maximum operating pressure 10 Bar.

Note: Pressure regulator and hose not included.

KIT CONTENTS	Kit includes control box, tractor loom, sprayer loom and solenoids
--------------	--


DESCRIPTION	CODE
-------------	------

MEDIUM PRESSURE ELECTRIC SOLENOID KIT	M99-14
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Note: Extra components may be needed. Pressure regulator and hoses not included

# Spraying Information

## HCC CERAMIC HOLLOW CONE NOZZLES

	CAPACITY (L/min)																	
	3 BAR	4 BAR	5 BAR	6 BAR	7 BAR	8 BAR	9 BAR	10 BAR	11 BAR	12 BAR	13 BAR	14 BAR	15 BAR	16 BAR	17 BAR	18 BAR	19 BAR	20 BAR
HCC005	0.19	0.22	0.25	0.27	0.29	0.31	0.33	0.35	0.36	0.38	0.40	0.41	0.42	0.44	0.45	0.47	0.48	0.49
HCC0075	0.30	0.35	0.39	0.42	0.46	0.49	0.52	0.55	0.57	0.60	0.62	0.65	0.67	0.69	0.71	0.73	0.75	0.77
HCC01	0.40	0.46	0.52	0.57	0.61	0.65	0.69	0.73	0.77	0.80	0.83	0.86	0.89	0.92	0.95	0.98	1.01	1.03
HCC015	0.60	0.69	0.77	0.85	0.92	0.98	1.04	1.10	1.15	1.20	1.25	1.30	1.34	1.39	1.43	1.47	1.51	1.55
HCC02	0.80	0.92	1.03	1.13	1.22	1.31	1.39	1.46	1.53	1.60	1.67	1.73	1.79	1.85	1.90	1.96	2.01	2.07
HCC025	1.00	1.15	1.29	1.41	1.53	1.63	1.73	1.83	1.91	2.00	2.08	2.16	2.24	2.31	2.38	2.45	2.52	2.58
HCC03	1.20	1.39	1.55	1.70	1.83	1.96	2.08	2.19	2.30	2.40	2.50	2.59	2.68	2.77	2.86	2.94	3.02	3.10
HCC035	1.40	1.62	1.81	1.98	2.14	2.29	2.42	2.56	2.68	2.80	2.91	3.02	3.13	3.23	3.33	3.43	3.52	3.61
HCC04	1.60	1.85	2.07	2.26	2.44	2.61	2.77	2.92	3.06	3.20	3.33	3.46	3.58	3.70	3.81	3.92	4.03	4.13
HCC05	2.00	2.31	2.58	2.83	3.06	3.27	3.46	3.65	3.83	4.00	4.16	4.32	4.47	4.62	4.76	4.90	5.03	5.16

**CALCULATIONS REQUIRED FOR OUTPUT PER NOZZLE**  
 L/min/nozzle =  $\frac{L/ha \times Km/h \times row\ width\ (m)}{600 \times no.\ of\ nozzles}$

eg:  $\frac{500 \times 7 \times 3}{600 \times 6} = 1.09\ L/min/nozzle$



PUMP MODEL	CAPACITY (FULL PRESS)	MAX PRESURE
BP20/15	19 L/min.	15 bar
BP60/20	58 L/min.	20 bar
BP75/15	71 L/min.	20 bar
BP125/20	121 L/min.	20 bar
BP151/20	138 L/min.	20 bar
BP171/20	162 L/min.	20 bar
BP265/20	252 L/min.	20 bar

**EXAMPLE:**  
 Application rate: 100 l/ha  
 Tractor speed: 12 km/h  
 Boom width: 10 m  
 Tank capacity: 800L  
 Pump output required =  $\frac{100 \times 12 \times 10}{600} = 20\ L/min$

PUMP MODEL	CAPACITY (FULL PRESS)	MAX PRESURE
APS 71	67 L/min.	50 bar
APS 96	88 L/min.	50 bar
APS 121	115 L/min.	50 bar
APS 145	142 L/min.	50 bar
APS 166	163 L/min.	50 bar
IDS 1701	161 L/min.	50 bar
IDS 2001	182 L/min.	50 bar
IDS 2200	208 L/min.	50 bar
IDS 2600	249 L/min.	50 bar

**EXAMPLE:**  
 Application rate: 2000 l/ha  
 Tractor speed: 5 km/h  
 Tree spacing: 5 m  
 Tank capacity: 2000L  
 Pump output required =  $\frac{2000 \times 5 \times 5}{600} = 83.3\ l/min$

## FINDING THE RIGHT PUMP

### SILVAN LINKAGE OR TRAILED SPRAYER

- STEP 1** Determine the application rate, boom width (in metres) and the tractor speed for the job.  
**STEP 2** Allow between 2% and 5% of the tank volume to be recirculated every minute to provide agitation. If venturi agitators are used, allow for the volume of liquid used by the venturi jet. When venturi's are used they usually become the primary method of agitation so the allowance for the percentage of tank volume to be recirculated can be disregarded. There is always agitation from the pump (diaphragm or piston type) when it is in bypass mode.  
**STEP 3** Use the following formula to calculate the pump output required by the boom.

$$\text{Pump output required (l/min)} = \frac{\text{Application rate (l/ha)} \times \text{Speed (km/h)} \times \text{Boom width (m)}}{600}$$

- STEP 4** Allow 2% tank volume for agitation (example 800 x 2% =16L/min.) Add this amount to required pump output for spraying to find total volume required from pump (example 20 + 16 = 36L/min).  
**STEP 5** Select a pump from the table at right to match required total output.

### SILVAN AIR ASSIST SPRAYER

- STEP 1** Determine the application rate (l/ha), the tractor speed and the row width of the crop being sprayed.  
**STEP 2** Allow between 2% and 5% of the tank capacity to be recirculated every minute for agitation. The lower percentage can be used where mechanical agitation is fitted.  
**STEP 3** Use the following formula to calculate the pump output required by the sprayer.

$$\text{Pump output (l/min)} = \frac{\text{Application rate (l/ha)} \times \text{Speed (km/h)} \times \text{Row width (m)}}{600}$$

- STEP 4** Allow 2% tank volume for agitation (eg 2000 x 2% = 40L/min). Add this amount to required pump output for spraying to find the total volume required from the pump (example 83.3L/min + 40L/min = 123.3L/min).  
**STEP 5** Select a pump from the table above to match required total output.  
 NOTE: From the above table either the APS 145 or APS 166 would be suitable, but the APS 166 will give more flexibility if larger application rates are needed.





# Spraying Information


Nozzle selection is often based upon droplet size. The droplet size from a nozzle becomes very important when the efficacy of a particular plant protection chemical is dependent on coverage, or the prevention of spray leaving the target area is a priority. Refer to the chemical label for droplet size regulations.


The majority of the nozzles used in agriculture can be classified as producing either fine, medium, coarse, or very coarse droplets. Nozzles that produce fine droplets are usually recommended for post-emergence applications, which require excellent coverage on the intended target area. The most common nozzles used in agriculture are those that produce medium sized droplets. Nozzles producing medium and coarse-sized droplets can be used for contact and systemic herbicides, pre-emergence surface-applied herbicides, insecticides and fungicides.


An important point to remember when choosing a spray nozzle that produces a droplet size in one of the seven categories is that one nozzle can produce different droplet size classifications at different pressures. A nozzle might produce medium droplets at low pressures, while producing fine droplets as the pressure is increased. Droplet size classes are shown in the following tables to assist in choosing an appropriate spray tip.

	TP Teejet					
	BAR					
	2	2.5	3	3.5	4	
TP8001	F	F	F	F	F	F
TP80015	F	F	F	F	F	F
TP8002	M	M	F	F	F	F
TP8003	M	M	M	M	M	M
TP8004	M	M	M	M	M	M
TP8005	C	M	M	M	M	M
TP8006	C	C	C	C	C	C
TP8008	C	C	C	C	C	C
TP11001	F	F	F	VF	VF	VF
TP110015	F	F	F	F	F	F
TP11002	F	F	F	F	F	F
TP11003	F	F	F	F	F	F
TP11004	M	M	M	F	F	F
TP11005	M	M	M	M	M	M
TP11006	M	M	M	M	M	M
TP11008	C	C	M	M	M	M


	XR Teejet and XRC Teejet							
	BAR							
	1	1.5	2	2.5	3	3.5	4	
XR8001	M	F	F	F	F	F	F	F
XR80015	M	M	F	F	F	F	F	F
XR8002	M	M	M	M	F	F	F	F
XR8003	M	M	M	M	M	M	M	M
XR8004	C	M	M	M	M	M	M	M
XR8005	C	C	C	M	M	M	M	M
XR8006	C	C	C	C	C	C	C	C
XR8008	VC	VC	C	C	C	C	C	C
XR11001	F	F	F	F	F	VF	VF	VF
XR110015	F	F	F	F	F	F	F	F
XR11002	M	F	F	F	F	F	F	F
XR110025	M	M	F	F	F	F	F	F
XR11003	M	M	F	F	F	F	F	F
XR11004	M	M	M	M	M	F	F	F
XR11005	C	M	M	M	M	M	M	M
XR11006	C	C	M	M	M	M	M	M
XR11008	C	C	C	C	M	M	M	M


	DG Teejet					
	BAR					
	2	2.5	3	3.5	4	
DG80015	M	M	M	M	F	F
DG8002	C	M	M	M	M	M
DG8003	C	M	M	M	M	M
DG8004	C	C	M	M	M	M
DG8005	C	C	C	M	M	M
DG110015	M	F	F	F	F	F
DG11002	M	M	M	M	M	M
DG11003	C	M	M	M	M	M
DG11004	C	C	M	M	M	M
DG11005	C	C	C	M	M	M


	Turbo Teejet Induction (TTI)											
	BAR											
	1	1.5	2	2.5	3	3.5	4	4.5	5	5.5	6	7
TTI110015	UC	UC	UC	UC	UC	XC	XC	XC	XC	XC	XC	XC
TTI11002	UC	UC	UC	UC	UC	UC	XC	XC	XC	XC	XC	XC
TTI110025	UC	UC	UC	UC	UC	UC	XC	XC	XC	XC	XC	XC
TTI11003	UC	UC	UC	UC	UC	UC	XC	XC	XC	XC	XC	XC
TTI11004	UC	UC	UC	UC	UC	UC	XC	XC	XC	XC	XC	XC
TTI11005	UC	UC	UC	UC	UC	UC	XC	XC	XC	XC	XC	XC
TTI11006	UC	UC	UC	UC	UC	UC	XC	XC	XC	XC	XC	XC

	Turbo Twinjet (TTJ60)											
	BAR											
	1.5	2	2.5	3	3.5	4	4.5	5	5.5	6		
TTJ60-11002	C	C	C	C	M	M	M	M	M	M	M	M
TTJ60-110025	VC	C	C	C	C	C	M	M	M	M	M	M
TTJ60-11003	VC	C	C	C	C	C	C	M	M	M	M	M
TTJ60-11004	VC	C	C	C	C	C	C	C	M	M	M	M
TTJ60-11005	VC	C	C	C	C	C	C	C	C	C	C	C
TTJ60-11006	XC	VC	C	C	C	C	C	C	C	C	C	C

	IDK Lechler						
	BAR						
	1.5	2	2.5	3	4	5	6
IDK12001 IDKS8001	C	C	C	M	M	M	F
IDK120015 IDKS80015	C	C	C	C	M	M	F
IDK12002 IDKS8002	C	C	C	C	M	M	F
IDK120025 IDKS80025	VC	VC	C	C	C	M	M
IDK12003 IDKS8003	VC	VC	VC	C	C	M	M
IDK12004 IDKS8004	VC	VC	VC	VC	C	C	M
IDK12005 IDKS8005	VC	VC	VC	VC	C	C	M

	AIXR Teejet										
	BAR										
	1	1.5	2	2.5	3	3.5	4	4.5	5	5.5	6
AIXR110015	XC	VC	VC	C	C	C	M	M	M	M	M
AIXR11002	XC	VC	VC	C	C	C	C	C	M	M	M
AIXR110025	XC	XC	VC	VC	C	C	C	C	C	C	C
AIXR11003	XC	XC	VC	VC	C	C	C	C	C	C	C
AIXR11004	UC	XC	XC	VC	VC	VC	C	C	C	C	C
AIXR11005	UC	XC	XC	XC	VC	VC	VC	C	C	C	C
AIXR11006	UC	XC	XC	XC	VC	VC	VC	C	C	C	C

	HCC Spray-Jet							
	BAR							
	3	4	5	6	8	10	15	
HCC005	VF	VF	VF	VF	VF	VF	VF	VF
HCC0075	F	VF	VF	VF	VF	VF	VF	VF
HCC01	F	VF	VF	VF	VF	VF	VF	VF
HCC015	F	F	VF	VF	VF	VF	VF	VF
HCC02	F	F	F	VF	VF	VF	VF	VF
HCC025	F	F	F	VF	VF	VF	VF	VF
HCC03	F	F	F	VF	VF	VF	VF	VF
HCC035	F	F	F	VF	VF	VF	VF	VF
HCC04	F	F	F	F	F	VF	VF	VF
HCC05	F	F	F	F	F	F	F	VF

	AI Teejet and AIC Teejet											
	BAR											
	2	2.5	3	3.5	4	4.5	5	5.5	6	6.5	7	8
AI110015	UC	XC	XC	XC	XC	VC	VC	VC	VC	C	C	C
AI11002	UC	XC	XC	XC	XC	VC	VC	VC	VC	C	C	C
AI110025	UC	UC	XC	XC	XC	VC	VC	VC	VC	C	C	C
AI11003	UC	UC	XC	XC	XC	VC	VC	VC	VC	C	C	C
AI11004	UC	UC	XC	XC	XC	VC	VC	VC	VC	C	C	C
AI11005	UC	UC	XC	XC	XC	VC	VC	VC	VC	C	C	C
AI11006	UC	UC	XC	XC	XC	VC	VC	VC	VC	C	C	C
AI11008	UC	UC	XC	XC	XC	VC	VC	VC	VC	C	C	C
AI11010	UC	UC	XC	XC	XC	VC	VC	VC	VC	C	C	C

	Turbo Teejet and Turbo Teejet Duo										
	BAR										
	1	1.5	2	2.5	3	3.5	4	4.5	5	5.5	6
TT11001 QJ90-2XTT11001	C	M	M	M	F	F	F	F	F	F	F
TT110015 QJ90-2XTT110015	C	C	M	M	M	M	M	F	F	F	F
TT11002 QJ90-2XTT11002	C	C	C	M	M	M	M	M	M	M	F
TT110025 QJ90-2XTT110025	VC	C	C	M	M	M	M	M	M	M	M
TT11003 QJ90-2XTT11003	VC	C	C	C	C	M	M	M	M	M	M
TT11004 QJ90-2XTT11004	XC	VC	C	C	C	C	C	C	M	M	M
TT11005 QJ90-2XTT11005	XC	VC	VC	VC	C	C	C	C	C	M	M
TT11006 QJ90-2XTT11006	XC	VC	VC	VC	C	C	C	C	C	C	M
TT11008 QJ90-2XTT11008	XC	XC	VC	VC	C	C	C	C	C	C	M

KEY

DROPLET SIZE COLOUR REFERENCE

VERY FINE	VF
FINE	F
MEDIUM	M
COARSE	C
VERY COARSE	VC
EXTRA COARSE	XC
ULTRA COARSE	UC

Droplet size classifications are based on BCPC specifications and in accordance with ASAE Standard S-572 at the date of printing. Classifications are subject to change.

# Spraying Information

## ISO STANDARD NOZZLE OUTPUT CHART FOR 80°/110° NOZZLES

ISO COLOUR CODE	LIQ PRES BAR	CAPACITY L/MIN.	APPLICATION RATE:LS PER HECTARE AT KM/H.												
			6	8	10	12	14	16	18	20	22	24	26	28	30
			km/h	km/h	km/h	km/h	km/h	km/h	km/h	km/h	km/h	km/h	km/h	km/h	km/h
FAN TIP ORANGE 80-01 110-01 100 MESH	2.0	0.33	65	49	39	33	28	24	22	20	18	16	15	14	13
	2.5	0.37	73	55	44	37	31	27	24	22	20	18	17	16	15
	3.0	0.40	80	60	48	40	34	30	27	24	22	20	18	17	16
	3.5	0.43	86	65	52	43	37	32	29	26	23	22	20	18	17
FAN TIP GREEN 80-015 110-015 100 MESH	2.0	0.49	98	74	59	49	42	37	33	29	27	25	23	21	20
	2.5	0.55	110	82	66	55	47	41	37	33	30	27	25	23	22
	3.0	0.60	120	90	72	60	51	45	40	36	33	30	28	26	24
	3.5	0.65	130	97	78	65	56	49	43	39	35	32	30	28	26
FAN TIP YELLOW 80-02 110-02 50 MESH	2.0	0.65	131	98	78	65	56	49	44	39	36	33	30	28	26
	2.5	0.73	146	110	88	73	63	55	49	44	40	37	34	31	29
	3.0	0.80	160	120	96	80	69	60	53	48	44	40	37	34	32
	3.5	0.86	173	130	104	86	74	65	58	52	47	43	40	37	35
FAN TIP BLUE 80-03 110-SF-03 50 MESH	2.0	0.98	196	147	118	98	84	74	65	59	53	49	45	42	39
	2.5	1.10	219	164	131	110	94	82	73	66	60	55	51	47	44
	3.0	1.20	240	180	144	120	103	90	80	72	65	60	55	51	48
	3.5	1.30	259	194	156	130	111	97	86	78	71	65	60	56	52
FAN TIP RED 80-04 110-04 50 MESH	2.0	1.31	261	196	157	131	112	98	87	78	71	65	60	56	52
	2.5	1.46	292	219	175	146	125	110	97	88	80	73	67	63	58
	3.0	1.60	320	240	192	160	137	120	107	96	87	80	74	69	64
	3.5	1.73	346	259	207	173	148	130	115	104	94	86	80	74	69
FAN TIP BROWN 80-05 110-05 50 MESH	2.0	1.63	326	245	196	163	140	122	109	98	89	82	75	70	65
	2.5	1.82	364	273	218	182	156	137	121	109	99	91	84	78	73
	3.0	2.00	400	300	240	200	171	150	133	120	109	100	92	86	80
	3.5	2.16	432	324	259	216	185	162	144	130	118	108	100	93	86
FAN TIP GREY 80-06 110-06 50 MESH	2.0	1.96	392	294	235	196	168	147	131	118	107	98	90	84	78
	2.5	2.19	438	329	263	219	188	164	146	131	120	110	101	94	88
	3.0	2.40	480	360	288	240	206	180	160	144	131	120	111	103	96
	3.5	2.59	518	389	311	259	222	194	173	156	141	130	120	111	104
FAN TIP WHITE 80-08 110-08 50 MESH	2.0	2.61	522	392	313	261	224	196	174	157	142	131	120	112	104
	2.5	2.92	584	438	350	292	250	219	195	175	159	146	135	125	117
	3.0	3.20	640	480	384	320	274	240	213	192	175	160	148	137	128
	3.5	3.46	692	519	415	346	297	260	231	208	189	173	160	148	138
	4.0	3.70	740	555	444	370	317	278	247	222	202	185	171	159	148

### Factors affecting Calibration of Boom Sprays

1. Application rate in Litres per hectare
2. Travel Speed of Tractor

The tractor travel speed is the most important variable in sprayer performance. A 10% change in tractor speed gives a 10% change in application rate.

This can lead to over or under application of chemicals. Determine the speed by measuring 100 metres then time in seconds how long it takes to cover the 100 metres. If spraying in hilly terrain time distance both up hill and down hill and average the results.

### THE FORMULA FOR SPEED IS:

$$\text{km/h} = \frac{360}{\text{Time in seconds for 100 metres}}$$

3. Nozzle Spacing on boom (Std nozzle spacing is 50 cm).
4. Calculate required output per nozzle:

$$\text{L/min/nozzle} = \frac{\text{L/ha} \times \text{km/h} \times \text{nozzle spacing (cm)}}{60,000}$$

e.g.  $\frac{100 \times 10 \times 50}{60,000} = 0.83 \text{ L/min/nozzle}$

Where application rate is: 100 L/ha, speed is 10 km/h and nozzle spacing is 50 cm. Use the nozzle output charts to select the correct nozzle tip for your application.

5. Check the calibration procedure

Use a measuring jug and stopwatch to check the output of several nozzles across the boom at the recommended pressure. If the outputs vary slightly from the chart then adjust the pressure in the system to achieve the correct volume. If nozzle flow rates are greater than 5% above or below the manufacturer's charts then the whole sprayer system needs to be checked for leaks, blockages etc, cleaned out and the calibration process repeated until accuracy is attained.

The nozzle charts also allow application rates to be determined if the tractor speed, the nozzle and the spraying pressure are known.



# Air Assist/Turbomiser Ordering Checklist

PRODUCT CODE (SILVAN USE ONLY)

W/O NUMBER (SILVAN USE ONLY)

DELIVERY DATE

DEALER ORDER NO

Dealership / Customer Name:

Order Date:

Dealership / Customer Address:

Postcode:

Other Instructions:

Dealer Sign-off:

Customer Sign-off:

## 1. MODEL

SUNTUFF   
SUPAFLO   
STILETTO   
3000L

G2E   
G2 SUPAFLO   
STD TGS   
G2E TGS

G2 TGS   
TURBOMISER TPL   
STD TURBOMISER   
G2E TURBOMISER

G2 TURBOMISER   
STD TURBOSCRAM   
G2E TURBOSCRAM   
OTHER

## 2. TANK SIZE

200L   
1000L   
3500L

400L   
1500L   
4000L

500L   
2000L

600L   
3000L

## 3. PUMPS

APS71   
IDS1701   
HYDRAULIC\*

APS96   
IDS2001   
STD

IDS960   
IDS2200   
OTHER

IDS1401   
IDS2600   
\*tractor hydraulic flow

## 4. FAN

600MM   
700MM   
800MM   
900MM

POWERHEAD   
STD RADAK   
TALL TOP STD BOTTOMS   
TALL TOP WIDE BOTTOMS

TURBO P42   
TURBO P45   
TURBO P50   
TURBO P55

OKTOPUS   
CANNON JET

## 5. CONTROLS

MANUAL   
BRAVO 300S RCU

ELECTRIC   
BRAVO 400S

BRAVO 180S   
IBX100 (ISOBUS)

BRAVO 180S HYDRAULIC   
OTHER

## 6. WHEELS

31 x 10.5 M/T   
11.00 x 16

31 x 10.5 RIB   
12.4 x 18

11.5/80 X 15.3   
400/55 22.5

400/60 x 15.5   
12.4 x 24

## 7. AXLES

STRAIGHT   
50mm LAP

100mm DROP

Glideflex

TANDEM AXLE

Note: All units except 3000L use Simplicity tandem axle

## 8. ROWS SPRAYED

SINGLE ROW

TWO ROWS

THREE ROWS

## 9. OPTIONS

ONE SIDED CONVEYOR   
TWO SIDED DEFLECTOR   
BOTTOM AIR DEFLECTORS   
TWO SIDED CONVEYOR

VINEYARD CONVEYOR   
QUICK TURN HITCH   
VINEYARD HEAD (TURBO)   
SUPER CANNON (TURBO)

ORCHARD HEAD (TURBO)   
ORCHARD CANNON (TURBO)   
TURBO TOWER   
HI LO ORCHARD (TURBO)

HYDRAULIC LIFT   
HYDRAULIC ROW WIDTH   
ROAD KIT   
WORK LIGHTS

## 10. NOZZLE/RATE CONTROLLER SETUP

SPEED =  APPL / RATE # 1 =  ROW WIDTH # 1 =  NOZZLES =   
CROP =  APPL / RATE # 2 =  ROW WIDTH # 2 =  CANOPY HEIGHT =

Note: failure to complete the nozzle/rate controller section will result in standard nozzles being fitted and any other nozzles supplied at dealer/customer cost

- Conditions: (1) Sprayer Specification Checklist must be signed by dealer or authorised representative and faxed with purchase order to 1800 745 826  
(2) Purchase order will not be processed without a completed Sprayer Specification Checklist.  
(3) Silvan will not commence building or purchasing components for machine orders placed by dealers without the checklist being filled out to accompany their order.  
(4) Silvan reserves the right not to accept for return any machine that has been manufactured and supplied according to the dealer checklist specifications.



# Terms and Conditions

## AVAILABILITY

Products in the Silvan Spraying Equipment Product Guide are available through authorised Silvan dealers.

## TERMS

The Silvan terms and conditions are set out in your individual trading terms and at [www.silvan.com.au/terms](http://www.silvan.com.au/terms).

## Price

All Prices are suggested list Price in AU dollars. Price are subject to change without prior notice. For stocking incentive programmes refer to your individual trading terms, or contact customer services staff on 1300 745 826.

## GST

All Price are shown both inclusive of GST and exclusive of GST.  
All invoices will include GST.

## FREIGHT CHARGES

Price are ex Silvan Distribution Centres in Melbourne, Brisbane, Perth and Sydney (Sydney has limited stock lines). Check with Silvan Customer Service for freight charges into your area. Freight and handling charges will be added to the invoice amount.

## TITLE AND RISK

Silvan retains title to all goods until paid for in full in clear funds. Risk in respect of goods passes to you as soon as the goods leave the Silvan Distribution Centre.

## PPSA

Silvan may register a security interest over the goods as security for any payment. You will need to provide Silvan with all information, documents and consents as Silvan requires to register and maintain this security interest.

## MINIMUM ORDER VALUE

A \$75 Minimum Order Value (Excl. GST) applies to all standard orders. Orders under the required minimum value will attract a \$23 handling charge (Excl. GST).  
A \$250 Minimum Order Value (Excl. GST) applies to hardware range orders.  
Urgent/breakdown orders don't have a required Minimum Order Value, and attract a \$23 priority fee (Excl. GST).

## WARRANTY

The only warranty provided by Silvan is set out on the forms accompanying the goods (for a copy please contact the Silvan Customer Service Centre). No other warranty or representation is made by Silvan. The terms of Silvan's warranties are subject to the operation of any law including the Australian Consumer Law.

## CANCELLATIONS

1. Cancellations made on the day the order was placed:
  - a. If stock isn't dispatched, no handling fee applies
  - b. If stock has been dispatched a restocking fee applies
2. Cancellations made after the day the order was placed, a restocking fee will apply.

## RETURNS POLICY

1. Before returning any product to Silvan, a Return Authorisation (RA) Number and approval form must be obtained from Silvan Customer Service. Goods WILL NOT be accepted without an RA number and form.
2. All returns must be requested within 14 days of the invoice date.
3. Goods will only be accepted for credit if they are returned undamaged and in a saleable condition.
4. Return freight will be paid by the Customer if the goods are returned at the Customer's volition, unless authorised by the Company in writing prior to return of the goods.
5. Written claims must reference Silvan invoice numbers, and must be dated and state the reason for the claim.
6. A restocking fee will be applied if the goods have been dispatched according to the order.
7. Return of products valued under \$50 (Excl. GST) won't be accepted if dispatched according to the order.

## CLAIMS

Pricing & Freight Claims need to be made within 14 days of the invoice date. Any claims after this for pricing discrepancies will not be accepted. Claims for Freight Damage need to be made within 14 days of the invoice date by notifying Silvan Customer Service. Claims received after this will not be accepted.

## DISCOUNT CODES

Refer to individual Trading Terms for specific discounts.

**FOR A FULL LIST OF TERMS & CONDITIONS, PLEASE VISIT [WWW.SILVAN.COM.AU/TERMS](http://WWW.SILVAN.COM.AU/TERMS)**



# 2018-2019

# Spraying Equipment Product Guide



All items in this catalogue have been included in good faith on the basis that the goods described were available at the time this book was published. Failure of suppliers to deliver in accordance with samples, descriptions, or at all, or other unintentional causes may result in some lines being unavailable. Space may prevent some dealers from stocking all items. All brand names and product names used in this publication are trade names, registered trade marks, or pending trade marks of their respective owners.

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