



CADET, ESTATE & SWIFT
12-volt & hand operated sprayers

CADET 300

The 300 litre heavy duty single axle CADET sprayer with leaf spring suspension and high flotation tyres is ideal for farmers, estate owners, turf care professionals and industrial turf caretakers.

CADET 300 is an excellent alternative to small three point linkage sprayers where capacity is required but towing is the preferred option.

A standard 50 mm trailer coupling draw bar provides a secure and easy connection to ATV's, UTV's and small tractors.

CADET covers the ground fast and efficiently with a choice of 3, 4m ATV or 6m SB boom.

For spot spraying a 60S spray gun with 6m of hose, on a hose holder is standard with 20m hose reel optional.

Features:

- Heavy duty chassis
- 300L integrated polyethylene tank
- Leaf spring suspension
- Flotation tyres
- Mud guards
- External suction filter
- Flojet diaphragm pump
- Pressure regulation, gauge
- 3-way boom distribution



Suspension *left*

Leaf spring suspension reduces shock transfer to the tank and chassis and provides a smooth ride for the boom for improved spraying performance.

Fluid Control *right*

Pressure regulation, gauge and 3-way boom distribution. A removable 4L hand wash tank with ball valve tap is provided.



CADET 300 litre sprayer, 3521-500 pump, 15.1 l/pm at 4.1Bar

Part No	Boom size	Hose holder 60S gun	20m Hose reel, 60S gun
84604304	-	✓	-
84604404	-	-	✓
84604504	3m ATV	✓	-
84604604	3m ATV	-	✓
84604704	4m ATV	✓	-
84604804	4m ATV	-	✓
84604904*	6m SB	✓	-
84605004	6m SB	-	✓

*See photo above

Smooth Ride Suspension

For better spraying performance CADET smooth riding leaf spring suspension and flotation tyres are standard.

The low pressure, high flotation 22 x 11.0 tyres reduce compaction while sturdy mudguards protect the sprayer chassis and tank when spraying.

The CADET 300L integrated polyethylene tank and chassis is chemical resistant and UV stabilized. It features graduated level indicator and deep sump for complete drainage.

CADET operating pressure is easily adjusted to suit the desired application rate.

An adjustable regulation valve controls the fluid system pressure which is monitored via a large Glycerine filled pressure gauge.

A choice of 4 to 6m booms makes spraying large areas fast and efficient.

For those harder to reach areas and spot spraying tasks, a 60S handgun with 6m hose is provided.

An optional 20m hose reel, hose and hand gun makes CADET even more versatile.



Easy access to the tank

A screw top lid provides easy access for filling and a filter basket reduces sediment intake when filling.



12 Volt Pump

Just connect up to a 12-volt power source and go spraying.

The Flowjet has a maximum output of 15.1 L/m which is more than enough for even the toughest of weed spraying.

ESTATE Turf 120



The ESTATE Turf is ideally suited to ride-on lawn mowers and makes spraying weeds in lawn and around trees easy.

With 120 litre capacity, the Estate Turf features a compact design with a 12-Volt fluid system, flojet pump, suction filter, pressure regulation and gauge with boom distribution valve.

A spray lance with 6m of hose is used for spot spraying and a 1.5 metre boom makes light work of spraying larger areas.

The 12-volt FloJet pump, model 03531-501, is protected by a suction filter and delivers 7.6 litres per minute at 3.4 BAR.



Tank lid access *left*

Under the screw cap lid is a filter basket to reduce sediment intake when filling.

Estate Turf and 6 metre hose

Part No	Boom	60S gun / lance
84604004	1.5m	Lance
84604104*	1.5m	60S spray gun

ESTATE Pro 120



Making light work of weed free lawn, ESTATE Pro 120 litre is a serious turf care sprayer.

Designed to be towed behind a ride on lawn mowers the ESTATE Pro comes complete with wide smooth tread flotation tyres, 120L tank capacity and a 2m foldable boom.

The long draw bar design makes for easy towing and a smooth ride for the boom.

The fluid system includes 12-volt pump, suction filter, pressure regulation and gauge with boom distribution valves. There is also a spray lance with 6m of hose for spot spraying.

The 12-volt FloJet pump, model 03531-501, is protected by a suction filter and delivers 7.6 litres per minute at 3.4 BAR.

The 2 metre foldable boom makes light work of spraying larger areas. Non drip snap fit nozzles are standard.

Estate Professional

Part No	Boom	60S gun / lance
809056*	2m	6m hose & lance

Optional

70026804		6m hose & 60S spray gun
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*See photo above

Swift 100



SWIFT 100 litre compact sprayer meets the spraying needs of the lifestyle farmer, garden lover, estate owner, nursery professional, grounds maintenance, municipal and industrial caretaker.

For spot spraying weeds, controlling pest and disease on fruit trees or ornamental plants and applying liquid fertilizers. Also they can be used for industrial applications, such as cleaners and disinfectants.

SWIFT sprayers use a reliable flojet diaphragm pump for long service life and are available with 6 metres of hose and hand lance or 60S spray gun. They are ideally suited to spraying large areas or for spot spraying.

Part No	Pump	Pressure	Open flow	Operation	60S gun / lance
Swift 100 litre compact sprayer 790 L x 465 W x 400 H mm					
84600404	03531-501	3.4 Bar	7.6 litres	Demand	Lance
84600804*	03531-501	3.4 Bar	7.6 litres	Demand	60S spray gun

Swift 250



Professional 12 Volt sprayers have tough transparent UV stabilised tanks with moulded in content level indicator. It is made to last, being built to a high standard from top quality materials. Maintenance is easy with readily available parts, and it will provide years of service.

The Professional features pressure regulation with gauge, 60S spray gun with 6 metre hose or optional 20m hose reel, external suction filter and Flojet diaphragm pump.

Part No	Pump	Pressure	Open flow	Operation	60S gun / lance
Professional 250 litre sprayer 870 L x 770 W x 760 H mm					
84601604	03521-500	4.1 Bar	15.1 litres	Control	60S spray gun
84602304*	03521-500	4.1 Bar	15.1 litres	Control	20m hose reel, 60S spray gun

ATV Bike Sprayers



HARDI ATV Bike sprayers are made to fit most quad bikes, allowing the bike to become an effective and versatile sprayer with 75 litre on the back and 50L on the front. The bike sprayers are designed to provide a low centre of gravity and the tank shape has smooth contours for easy cleaning.

Bike sprayers include 6 metre hose with 700mm lance with adjustable nozzle for fine to coarse spray or optional 60S spray gun for more heavy duty applications.

ATV bike sprayers are ideally suited for large and dispersed areas, for spot spraying and for spraying hard to reach areas. Three or four metre ATV booms provide a high work rate where small fields need to be sprayed with ease.

HARDI BIKE Sprayers features a lance or 60S spray gun with adjustable nozzle, 6 metre hose, internal suction filter on the lance Flojet diaphragm pump with fuse, Ratchet tie-down straps as standard.

Options include; pressure regulation with gauge and 3-way distribution valve.

Part No	Pump	Pressure	Open flow	Operation	Lance / gun
50 litre Bike Sprayer 740 W x 300 H x 400 W mm					
84600004*	3531-501	3.4 Bar	7.6 litres	Demand	Lance
84600104	3531-501	3.4 Bar	7.6 litres	Demand	60S spray gun
75 litre Bike Sprayer 955 W x 320 H x 820 W mm					
84602504	3531-501	3.4 Bar	7.6 litres	Demand	Lance
84601004	3531-501	3.4 Bar	7.6 litres	Demand	60S spray gun
84602404*	3531-501	3.4 Bar	7.6 litres	Control 3	60S spray gun

*See photo



P1.5



P1.5 Pressure Sprayer is ideal for the application of weed and pest control products, cleaning and disinfectant solutions used around the home and garden.

They are built from high quality materials for long life and performance, with readily available parts for easy servicing.

Adjustable nozzle gives control over a fine or coarse spray atomisation. Fine atomisation can be used to provide excellent surface area coverage with the least amount of fluid consumed. A coarse spray adjustment is ideal for the application of biodegradable cleaning solutions.

Pumped up to maximum pressure, you can spray for a considerable time without re-pressurising.

P6 & P8



P6 & P8 six and eight litre pressure sprayers are built tough for professional operators. They use a plunger pump to pressurise the container and a trigger valve to control intermittent or continuous spraying.

Applications for these sprayers is limited only by the imagination and with the many optional attachments available, the potential is endless.

They are built from quality components to provide long life and reliability. They have inbuilt measuring jug in the lid and spring loaded pressure relief to prevent over pressurisation.

Part No	Sprayer	Volume
Pressure Sprayers		
84640300*	P1.5	1.5 litres
84640100*	P6	6 litres
84640200	P8	8 litres

BP15 & BP20



BP15 & BP20 are ideal for the home gardener, hobby farmer, small business and pest control operator. They can be used to apply weed and pest control products in areas with difficult access, for inter-row or large areas such as lawn.

Available in 15 and 20 litre capacity they sit comfortably on the back, with adjustable shoulder straps and waist belt.

They use a lever operated piston pump with pressure chamber which requires low pumping frequency and is capable of high operating pressure.

Part No	Sprayer	Volume
Backpack Sprayers		
846258*	BP15	15 litres
846259	BP20	20 litres

BPM 100



The BPM 100 is a 16 litre back pack mistblower used for low volume application of pesticides over large areas where there might be limited access or where canopy penetration is required.

A motorised centrifugal fan produces high air speed through a venturi air outlet which shears the spray liquid into a fine mist. The mist is carried to the target in the air stream which is directed by the operator.

The spraying range for the BPM100 Mistblower is 15m horizontally or 12m vertically.

A needle valve provides flow rate control and multi-function controls handle controls stop start, fan speed and fluid flow rate.

Part No	Sprayer	Volume
Motorised backpack mistblower		
84640000*	5 hp with recoil start, remote throttle and flow control BPM100	16 litres

12 Volt Pumps

- Flo-jet range of pumps designed for the agricultural market
- Viton valves
- Santoprene diaphragms
- Powerful permanent magnet motor
- Excellent priming ability
- Can run dry without damage
- Pressure switch allows on demand spraying



Part No	Pump	Max pressure	Open flow	Pressure Switch	Cooling	On / off switch	Valves
26120304	LF-14	2.4 Bar	3.8 litres	Yes	Heatsink	Yes	2
5911808	2130-132	6.7 Bar	6.5 litres	Yes	Fan	No	2
5911807	4100-505	3.7 Bar	13 litres	No	Fan	No	4
5911817	03531-501	3.4 Bar	7.6 litres	Yes	Heatsink	Yes	3
5911818	03521-500	4.1 Bar	15.1 lts	Yes	Heatsink	Yes	3

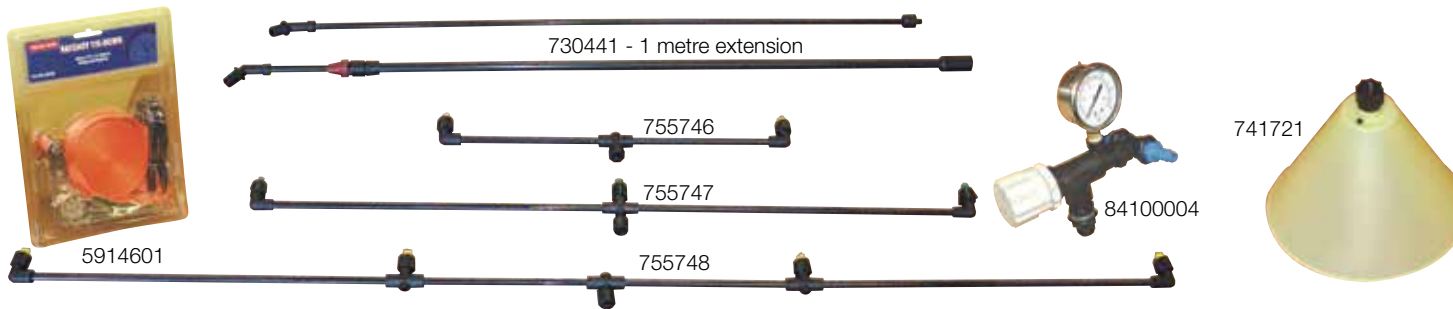
12 Volt Pump And Application Kits

Comprehensive combinations of pump systems to adapt to most 12 volt application needs. Choose Pump and Filter only or Weed Spray kits.

- Pump and Filter kits include direct attached suction filter and suction and pressure hose tails
- Weed spray kits are an extension of the Pump and Filter kits and includes a fuse protected loom, a HARDI Lance or 60S spray gun and 6 metres of hose
- Options available with each system as the Pressure Control module and gauge to allow control versions of these kits



Part No	Pump	Press.	Flow	Operation	Dly hose	Kit type	S' gun / lance
84603104	03531-501	3.4 Bar	7.6 l	Control	NA	Pump & Filter	N/A
84603204	03521-500	4.1 Bar	15.1 l	Control	NA	Pump & Filter	N/A
84603604	03531-501	3.4 Bar	7.6 l	Demand	6m x 8mm	Weed Spray	Lance
84603704	03531-501	3.4 Bar	7.6 l	Control	6m x 8mm	Weed Spray	Lance
84603804	03521-500	4.1 Bar	15.1 l	Control	6m x 8mm	Weed Spray	Lance
84603304	03531-501	3.4 Bar	7.6 l	Demand	6m x 12mm	Weed Spray	60S spray gun
84603404	03531-501	3.4 Bar	7.6 l	Control	6m x 12mm	Weed Spray	60S spray gun
84603504	03521-500	4.1 Bar	15.1 l	Control	6m x 12mm	Weed Spray	60S spray gun



Part No	Lance and accessories
5911203	Lance 370mm & adjustable nozzle
72033100	0.37m Lance
72032900	0.5m Lance
730441	1 metre Lance
755742	Lance telescopic attachment 1.0m - 2.0m
755746	2 nozzle boom
755747	3 nozzle boom
755748	4 nozzle boom

Part No	Lance and accessories
741721	Cone shield
741647	Fan shield
5913709	8mm pest weed hose \$/metre
5913710	10mm pest weed hose \$/metre
5913711	12mm pest weed hose \$/metre
74100404	20 metre hose reel - bare
5905111	3-way manifold & 1/2" hose tails
84100004	Pressure control
5914601	Ratchet strap

Part No	UTV boom
5908100	1.5 metre fixed
5908102	2.0 metre fixed
5908104	3.0 metre
5908105	4.0 metre
SB boom	
817047	6 metre - 12 nozzles
817062	8 metre - 16 nozzles
817084	10 metre - 20 nozzles

HARDI 60S spray gun is designed to reduce operator fatigue through use of light weight materials, yet is robust and durable to withstand the demands of farmers, orchardists and contractors.



HARDI reserves the right to change specifications without notice. Pictures shown are representative only. Water weighs 1kg per litre, so check the carrying capacity of your machine.



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