

**Product Catalogue**

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

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.

### Features:

- Heavy duty chassis
- 300L integrated UV stabilised polyethylene tank
- Leaf spring suspension
- Flotation tyres
- Mud guards
- External suction filter
- Flojet 15.1 L/m diaphragm pump
- Pressure regulation, gauge
- 3-way boom distribution



### Hose holder left

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

### 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

## GRASSLAND

Trailer suspension and trapeze air bag boom suspension provides outstanding boom ride and maximises application efficiency.

A completely integrated design with a low centre of gravity, has 48cm crop clearance when fitted with 12.4 x 24 lug tires and 1.8 m track width.

The tank profile provides excellent weight distribution and is designed for effective agitation. A 120L rinse tank allows quick easy in-field clean out, and a 15L hand wash tank is provided for personal hygiene.

The selected 12m MB or 12m HYS boom both have air bag suspension, boom inertia trapeze and hydraulic boom height control.

The fluid system is easy to operate with a colour coded SmartValve.



**Foam Marker:** 24 litre TFL double sided foam marker option drops small blobs of foam in the field to follow on the next lap.



**Electric valve control** remote pressure regulation, on/off and section control through the SprayBox 2 with constant pressure application allows individual sections to be switched off while maintaining accurate application rates.

**Pump:** The fluid system is driven by robust grease-lubricated cast iron diaphragm pump.

**Manifold valve:** Easy to operate SmartValve manifold fluid system.



## RANGER

Increase your output with 2500 litre capacity, booms to 21 metres and spray on time with reliability you can count on.

RANGER is a heavy duty integrated sprayer suitable for row crop, cereals, pasture renovation and horticultural applications.

A completely integrated design delivering low centre of gravity, 70cm of crop clearance, 1.56 to 2.34m track width adjustment and paralift boom height control to 1.55m.

The tank shape provides excellent weight distribution and is designed for effective agitation.

The manifold fluid system has colour coded position icons to make operation easy.

Optional HC2500 or HC5500 controller provides precise application regardless of speed.

### Features:

- 2500 L polyethylene tank
- EVC remote operation unit
- CycloneFilter
- ParaLift boom height control
- HC 5500 option
- 250 L RinseTank optional
- 35 litre TurboFiller optional
- Choice of booms
  - FALCON 12.5 to 16,5m
  - HYS 15m
  - 12 or 15m TWIN STREAM
  - EAGLE 18 to 21m



### Application Rate Control

The HC5500 computer is a user friendly multi function processor designed to control more features and provide more information than comparable systems.

The volume rate is automatically controlled and can be changed on the go as a percentage of the prescribed rate. The LogicMenu and hot keys makes it easy to navigate and simple to use.



### Pump option

The fluid system is driven by a robust grease-lubricated cast iron 1303 three-diaphragm pump delivering 114 l/m.

An optional 363 six-diaphragm delivering 194 l/m is available for those higher rates of application.

## NAVIGATOR

With 3000 & 4000 litre capacity, wide booms and DynamicFluid4 pressure based rate control, this sprayer delivers the best productivity and optimised application efficiency in its class.

NAVIGATOR is designed to cope with the toughest broadacre and row crop spraying conditions. It has the lowest centre of gravity possible with the tank and chassis completely integrated.

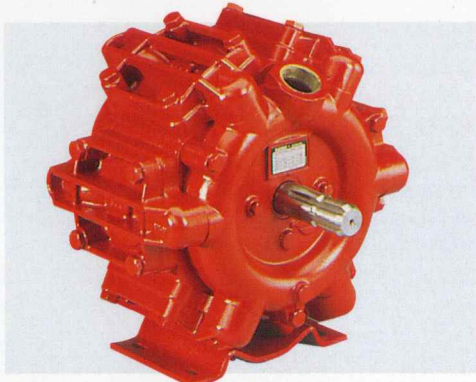
A 450 litre rinse tank on the 3000 & 4000 is positioned over the axle for best weight distribution and stability.

The in-cab HC 6500 or optional HC 8500 and HC 9500 controller platforms provide the sprayer with function control and rate management at your finger tip. This guarantees the highest level of performance and application precision.

DynamicFluid4 pressure based rate control maintains the predetermined target rate, whether sections are active, while changing sprayer speed, or truning in and out headlands. Regulation valve lag is history!

A wide range of booms are available to suit a variety of broadacre spraying applications: EAGLE 18 to 30m, TR4 Aluminium 24 to 30m and FORCE 30 to 36m.

Adjustable axle options - 1.8 to 2.25m and fixed 3m axle options offer excellent crop clearance of 73 to 82cm, depending on tyre equipment.



### Power for the fluid system

The 363 or optional 464 diaphragm pumps are self-priming, able to run dry without damage, and have a dry sump for easy maintenance.

Optional hydramotor drive is available.



### ISOBUS

Virtual Terminal for plug-and-play, compatible interface between tractor and sprayer. An on-board Job Computer propagates the tractor terminal to look and feel like the HC6500, with provision for AutoSection Control. It is compatible with other brand ISO terminals.

## PRESIDIO

PRESIDIO is built for demanding conditions, with optimised design strength and weight distribution. With 2700 litre capacity, it is available in boom widths from 24 to 30m for class leading field performance and flotation. The main and flush tanks are integrated into the chassis, providing low centre of gravity and excellent weight distribution.

HARDI OnRate fluid system with on-board chemical loading delivers precision application every time, while the air-bag suspension provides superb comfort and ride.

With crop clearance of 1.25m on configurable track width of 2.0 - 2.5m or 1.5m on 2.6 - 3m track width, PRESIDIO is the ideal choice for row-crop and broad acre farming applications.

### From exceptional to outstanding

Truly optimised spraying results come from combining the best sprayer with the best technology – and the best boom.

PRESIDIO is a perfect partner for the POMMIER TR4 aluminium boom.

Aluminium construction means wider booms weigh less, and POMMIER'S world-leading designs are incredibly strong and robust.

Choose a TR4 in widths from 24 to 30m and see what really outstanding spraying looks like.



### Function control:

Operational and application control at your fingertips.

Folds the booms, adjusts the spray pressure, engages auto rate control, adjusts the agitation, engages the pump, turns the end nozzles on and off.



### HC 9500 controller:

A 12.1" touchscreen spray controller delivers the highest level of performance and application precision.

The complete integration of all information on one intuitive touchscreen screen provides the operator with the options of Guidance, Rate Control, AutoSteer, AutoHeight, AutoSectionControl, spray records, field notes and variable rate application.

## NK 800 linkage

The NK 800 litre linkage ranges makes spraying easy, fast & efficient. It is ideal for spraying small to medium pastural and cropping programs, for horticultural applications and for spot spraying.

Integrated tank and chassis design with blow moulded tank for strength and durability. No sharp corners for sediment traps and a safe tank drain operation.

Has self-priming diaphragm pump with grease crankcase that can run dry without harm. Snap fit nozzles are colour coded for size.

- The NK with BK180 pressure regulation, bypass control, proportional rate control for more precise application, constant pressure when turning boom sections off and pressure agitation are standard - has 4 stage filtration.

Features:

- Integrated tank and chassis
- Blow moulded tank for strength and durability
- No sharp tank corners for sediment traps
- Safe tank drain operation
- Self priming diaphragm pump, can run dry without harm
- Grease bearing crankcase
- Snap fit nozzles standard, colour coded for size\spray quality
- High quality powder coating with zinc phosphate pre-treatment



Options: left to right

- JetChester boomless nozzle
- Trapeze suspension
- Hydraulic boom tilt for SB

## NK 1000

The NK1000 litre capacity linkage sprayer provides a versatile platform for small to medium pastoral and cropping farmers to configure a serious sprayer.

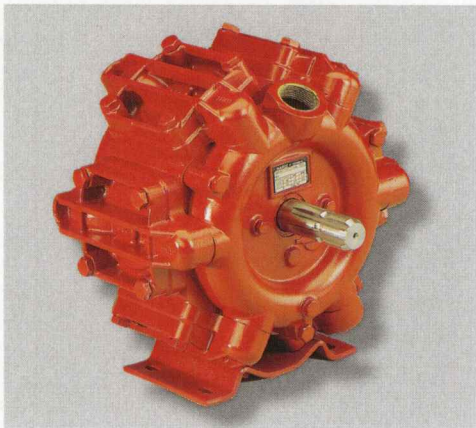
It has a polyethylene tank for superior strength and durability, has no sharp corners eliminating sediment traps.

Can be fully optioned with choice of pump capacities, TurboFiller chemical mixing and transfer hopper, rinse tank and rinse nozzle, remote operation control and auto rate control options.

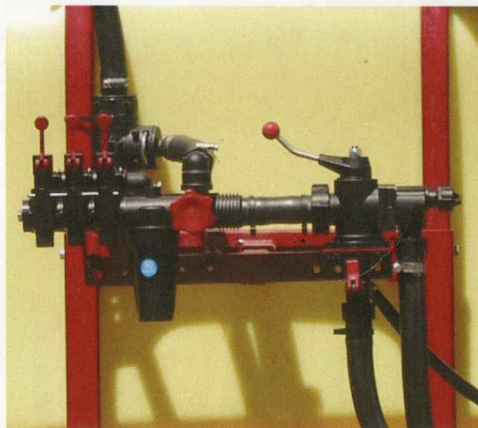
Boom choice includes 6, 8, 10, 12m manual fold booms with trapeze stability and height control options. And a 12m fully hydraulic fold boom that can be partially folded or single side folded to suit row crop and headland applications.

Comes standard with a quick hitch to make coupling up easier and optional Foam Marker, hose reel and hand gun. Features:

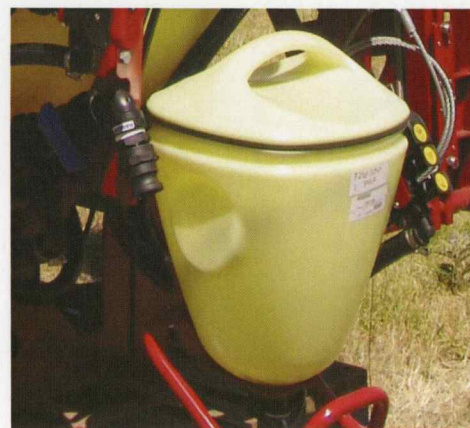
- Tank content agitation
- Manual fold or hydraulic fold booms
- Self priming diaphragm pump with greased pump crankcase, can run dry without harm
- Manual or auto rate control options
- 3 stage filtration



**363 Pump option:** The 194 l/min diaphragm pump is self-priming, able to run dry without damage, and has a dry sump for easy maintenance.



**BK180 Control:** Proportional rate control, pressure agitation and boom section control with optional electric cab control.



**TurboFiller & TurboDeflector:** Optional high capacity hopper for fast, safe mixing and transfer of crop materials.



**Hose reel & mounting brackets:** For spot spraying tasks, with 30 metres of hose and 60S gun.

## MASTER 1200, 1500 & 1800

The MASTER sprayers deliver capacity with excellent spraying performance ideal for small cropping and horticultural spraying. Outstanding boom ride maximises application efficiency and productivity...never has spraying been so clean, effortless and trouble-free.

The MASTER is a completely integrated design allowing the weight to be carried close to the tractor and with a low centre of gravity.

The quick hitch integrated into the chassis ensures easy and safe attachment to the tractor.

The range of boom 12 to 24m options ensures there is a boom for every situation and application need. Boom height is control from the tractor with a 2 stage hydraulic boom lift.

The fluid system is easy to operate with colour coded manifold valves. Electric pressure regulation and boom section valves are operated from the tractor seat with the SprayBox remote control.



HYS 15 metre boom



**Controller:** Optional HC5500 compact rate controller is GPS compatible. Provides precise application regardless of forward speed.



**15L clean water tank** option for personal hygiene. Also pictured is the foam marker tank from the optional Foam Marker.



**Manifold fluid system:** Easily located fluid direction control, easy to use, maintain and expandable.



**Tank:** Easy access, high-impact UV resistant polyethylene tank with deep sump to ensure complete emptying.

## ZEBRA 400 & 600

A small versatile and easy-to-use mistblower, with big versatility, designed for use in orchards, plantations, bush and trellis crops. It adapts perfectly to fields with narrow rows and crops grown on terraces. The ZEBRA is a machine specially made for farms with no heavy workload.

The 400 comes with EF650 axial fan, and the 600 with EF750. All blowers have a disconnection device that allows the agitation to function although the fan wheel has been turned off. The fan housing is made of knockproof polyethylene and incorporates two bottom deflectors that help optimizing the air distribution. The spray lines are fitted with 12 non-drip nozzle holders.

The ZEBRA features a 321/10 diaphragm pump (73 l/min; 25 bar). Standard SV/2 operating unit with solenoid valves and remote control box.



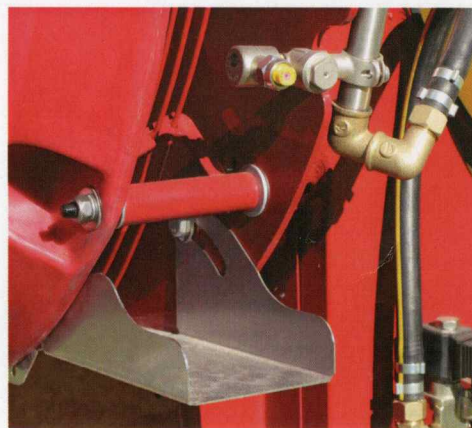
ZEBRA 400: EF650 fan



ZEBRA Atlas: Double row vine boom with pneumatic spouts



SV/2 operating unit with solenoid valves and remote control box is fitted standard.



**Bottom deflectors:** Fixed bottom deflectors fitted standard on all ZEBRA.



**V-Deflectors:** Optional, directs upper air to the target. Adjustable top deflectors ideal for large trees.



**Pressure filter:** Prevents residue from blocking nozzles. Easy access for cleaning - fitted standard on the ZEBRA.

## ZENIT 400 & 600

Designed for growers who want the convenience of a linkage sprayer with the power of a trailer sprayer.

A wide range of fan and turbine choices to provide optimum air generation for specific crop and working conditions.

The air delivery systems ensures maximum air volume with the minimum power consumption.

High quality air volume enables higher forward speeds while maximising penetration and efficiency of application.

Chassis and tank profile provides low centre of gravity ideally suited to narrow and steep working plantations.

Reliable, robust and easy to operate. Easy access for servicing. ZENIT is designed for maximum drift control and minimum environmental impact.



Dual adaptor body,  
two jets required  
739375

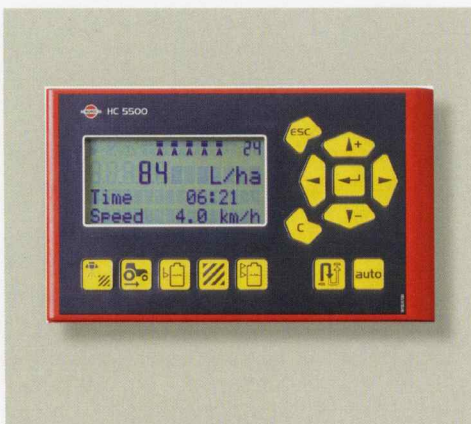


Triplet adaptor body,  
three jets required  
739290



Triplet adaptor body,  
three nuts and jets  
required  
631304

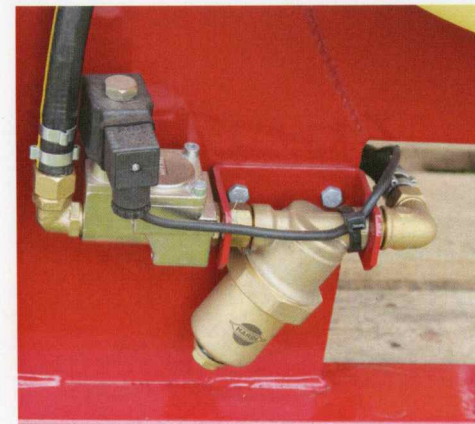
**Nozzle adaptors:** Improves application and coverage



**Controller:** HC 5500 allows automated control of the application rate. Audio and visual alarms warn of incorrect volume, temperature and speed.



**EVC control:** With left and right section valves, allows individual on/off without affecting the pressure.



**SV/2 solenoid:** operating unit with solenoid valves and remote control box is fitted standard. Pressure filter is optional.



**Deflectors:** V-Deflectores directs upper air to the target. Adjustable bottom deflectors ideal for large trees.

## POMMIER TR4 24 to 30m

POMMIER aluminium booms are simply, not like any other boom.

TR4 stands for 4 cords in the main wing – two at the top and two on the bottom.

The two bottom cords and the webbing between is actually one continuous aluminium extrusion.

The structural stiffness and strength of the POMMIER aluminium extrusions builds in design flexibility and performance.

Their light weight and ease of fabrication eliminates many of the cost-intensive welding operations that could potentially weaken the material.

The TR4 is a bi-fold boom available in 24, 28 and 30m widths. With the outer wings folded the boom width is *reduced* to 15m (no breakaway at 15m).

Wing tilts are standard and equipped with nitrogen accumulation for smooth ride and performance.

The breakaways are tri-directional which means they can move back and forth, and up.

Yaw forces are absorbed through the POMMIER patented yaw dampening system.

Aluminium's unique enduring properties guarantee long term performance and minimal maintenance. No need for paint.



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**TR4:** Delivers incredible performance through design and construction techniques perfected over 30 years of aluminium manufacturing experience.

**TR4 PendEze Centre:** Incorporates both a pendulum and trapeze elements in the centre to effectively deal with the pitch, roll and inertia forces dealt on headlands, cornering and when spraying.

**Nozzles:** These are spaced at 50cm, and are protected by the boom.